

Section 14: Audio/Video

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Audio/Video

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Audio/Video - Telephone

BOGEN®

Teleconferencing Hub Phone

A full-duplex, simultaneous, two-way communication conference phone that provide clean, clear sound for all of your teleconferencing needs. Feature include three omni-directional microphones, an easy-to-read recessed LCD display, 10 number speed dial, special calling functions and a simple three-step setup process. Mute button. Meets U.S. and Canadian requirements. Connection cables included.



Part # VHUB

CABLES®
UNLIMITED



RJ11, RJ12 and RJ45 Connectors, Adapters and Couplers

| Part # | Description |
|-------------|-----------------------------|
| UTP-2100 | RJ11, 6P4C Modular |
| UTP-2120 | RJ11, 4P4C Modular handset |
| UTP-2150 | RJ12, 6P6C Modular |
| UTP-2150-10 | RJ12, 6P6C Modular, 10 pack |
| UTP-2150-25 | RJ12, 6P6C Modular, 25 pack |
| UTP-2160 | MMJ, RJ12, 6P6C |
| UTP-2180 | MMJ, RJ45, 8P8C |

Silver Satin Cables for Data Transmission

Transfer data between computers with our premium RJ-11 Silver Satin cables. These cables can be used with line extenders and other devices. Straight wired for data transmission. XX = Available Lengths in Feet. Cable, Modular, 6P4C. Available length is are 7ft(-07), 14ft(-14), 25ft(-25), 50ft(-50), 100ft(-99).



Part # TEL-5500-(XX)

Silver Satin Cables for Voice Transmission

Use these cables to connect a computer or phone to telephone line. Two pairs of wires to allow up to two lines on one cable. Reverse wired for voice transmission. Quality RJ-11 connectors. PVC jacket. Cable, Modular, 6P4C. XX = Available Lengths in Feet - 7ft(-07), 14ft(-14), 25ft(-25), 50ft(-50).



Part # TEL-5000-(XX)

Silver Satin Coiled Cables

Use these coiled handset cables (4P4C) to replace a worn out one, or for added length. To select desired color, add the following to the end of the part number: Ash (A), Black (K) or Ivory (I). Ivory comes in 12' and 25' lengths only.



Part # TEL-6000-(XX)

IDEAL

Wall Plates

Telephone Wall Plates are listed and approved by the Underwriter's Laboratories and contain 50 micro inches of gold plating on the contacts.



Telephone Wall Plates - Mid-Size

| Part # | Description | Color | QTY |
|--------|------------------|--------|------------|
| 85-232 | Combo CATV/RJ-11 | Almond | Card of 1 |
| 85-237 | RJ-11, 2 Pair | White | Card of 1 |
| 85-239 | CATV Coax | Ivory | Card of 1 |
| 86-237 | RJ-11, 2 Pair | White | Box of 100 |

IDEAL

Wall Plates (cont.)

Telephone Wall Plates - Standard Size

| Part # | Description | Color | Qty. |
|--------|---------------------------------|--------|------------|
| 85-205 | Combo CATV/RJ-11 | White | Card of 1 |
| 85-218 | RJ-11, 2 Pair, Wall Mount Plate | Ivory | Card of 1 |
| 85-220 | CATV Coax | Almond | Card of 1 |
| 86-205 | Combo CATV/RJ-11 | White | Box of 100 |
| 86-207 | RJ-11, 2 Pair | White | Box of 100 |
| 86-220 | CATV Coax | Almond | Box of 100 |

TelCom Modular Plugs

All plugs comply with FCC 68 guidelines and are UL Listed. Plugs are capable of supporting the latest EIA/TIA cable system performance categories when installed in compliance with appropriate EIA/TIA standards and methods.

| Part # | Description | Qty. |
|--------|----------------------------------|------|
| 85-345 | 6-Position 6-Contact Round Solid | 25 |
| 85-344 | 6-Position 4-Contact Round Solid | 25 |
| 85-346 | 8-Position 8-Contact Round Solid | 25 |
| 85-396 | 8-Position 8-Contact Round Solid | 50 |
| 86-396 | 8-Position 8-Contact Round Solid | 100 |

MODE
ELECTRONICS

Modular Telephone Cable

28AWG stranded modular telephone cable. Available in silver-satin, beige or black jacket color.



| Part # | Description |
|----------|-------------------|
| 12-402-0 | 4-conductor 100' |
| 12-403-0 | 4-conductor 1000' |
| 12-603-0 | 6-conductor 1000' |
| 12-805-0 | 8-conductor 1000' |

Modular Telephone Cords

Modular Cables with 6P/4C plugs on both ends. Color is ivory.



| Part # | Length Available |
|----------|------------------|
| 12-183-0 | 7' |
| 12-185-0 | 15' |
| 12-188-0 | 25' |

Modular Telephone Cords

Modular telephone cords with 6P/4C modular plug on one end and spade lugs on the other end. Color is ivory.



| Part # | Length Available |
|----------|------------------|
| 12-152-0 | 7' |
| 12-158-0 | 25' |

Coiled Telephone Cords

Coiled modular telephone cables suitable for handsets or standard extension cords. Modular plug type is 4P/4C. Color is ivory.



| Part # | Length Available |
|----------|------------------|
| 12-032-0 | 7' |
| 12-035-0 | 15' |
| 12-038-0 | 25' |

Audio/Video - Telephone



Modular Extension Cords

Available length is 25'. Color is ivory.



| Part # | Description |
|----------|--|
| 12-168-0 | 6P/4C plug on one end and molded jack on the other end |
| 12-178-0 | 6P/4C plug on one end and double jack on the other end |

Modular Telephone Plugs

Modular telephone plugs with 15µ" gold plated contacts.



Modular Telephone Plugs For Round Jacket Cable

R types are for stranded wire and S type is for solid wire.

| Part # | Type |
|-----------|-------|
| 12-254R-0 | 6P/4C |
| 12-254S-0 | 6P/4C |
| 12-256R-0 | 6P/6C |
| 12-256S-0 | 6P/6C |
| 12-258R-0 | 8P/8C |
| 12-258S-0 | 8P/8C |

Modular Telephone Plugs

| Part # | Type |
|----------|---------|
| 12-251-0 | 10P/10C |
| 12-253-0 | 4P/4C |
| 12-254-0 | 6P/4C |
| 12-256-0 | 6P/6C |
| 12-258-0 | 8P/8C |

Single Outlet Flush Mount Wall Plate

Telephone wall plates. Fits standard electrical box. Screw terminals.



| Part # | Type | Color |
|-----------|-------|-------|
| 12-231-0 | 6P/4C | Ivory |
| 12-231W-0 | 6P/4C | White |
| 12-233W-0 | 6P/6C | White |
| 12-235-0 | 8P/8C | Ivory |
| 12-235W-0 | 8P/8C | White |

Double Outlet Flush Mount Wall Plate

Double wall plates. Fits standard electrical box.



| Part # | Type | Color |
|-----------|-------|-------|
| 12-232-0 | 6P/4C | Ivory |
| 12-232W-0 | 6P/4C | White |
| 12-234-0 | 6P/6C | Ivory |
| 12-234W-0 | 6P/6C | White |
| 12-236-0 | 8P/8C | Ivory |
| 12-236W-0 | 8P/8C | White |



CATV/Video Product

Fits standard electrical outlet box, complete with screws.



| Part # | Color/Quantity |
|-----------|---|
| 16-171W-0 | Blank white wall plate. White color bulk |
| 16-172W-0 | Duplex white wall plate. White color bulk |

Surface Mount Wall Jack (Single)

Surface mount wall jack with adhesive back for easy mounting. Screw terminals for connections. Available in ivory or white.



| Part # | Type | Color |
|-----------|-------|-------|
| 12-221-0 | 6P/4C | Ivory |
| 12-221W-0 | 6P/4C | White |
| 12-223-0 | 6P/6C | Ivory |
| 12-223W-0 | 6P/6C | White |
| 12-225-0 | 8P/8C | Ivory |
| 12-225W-0 | 8P/8C | White |

Double Outlet Surface Mount Wall Jack

Surface mount wall jack with 2 outlets. Adhesive back and screws for mounting. Screw terminals for connections. Available in ivory.



| Part # | Type |
|----------|-------|
| 12-222-0 | 6P/4C |
| 12-224-0 | 6P/6C |

Modular Joiner

Jack to jack joiner for connecting two cables.



| Part # | Type |
|----------|-------|
| 12-202-0 | 6P/4C |
| 12-203-0 | 6P/6C |
| 12-204-0 | 8P/8C |

Data Joiners

| Part # | Type |
|-----------|-------|
| 12-202D-0 | 6P/4C |
| 12-203D-0 | 6P/6C |
| 12-204D-0 | 8P/8C |

Modular 'T' Adapter

Modular 'T' adapter joins two cables to one jack.



| Part # | Type |
|----------|-------|
| 12-210-0 | 6P/4C |
| 12-213-0 | 6P/6C |
| 12-214-0 | 8P/8C |

Audio/Video - Telephone



Octopus Cables

Gold plated Telco contacts. Male or female Telco - both available. Gold plated MOD plug contacts. USOC or AT & T wiring. Voice grade. Standard length 4 ft. Non-standard lengths available.



| Part # | Description |
|--------------------|--|
| DC-OCT-12P4CF-USOC | RJ11, 4C Plugs, 12 Modular Cords, Female Telco |
| DC-OCT-12P4CM-USOC | RJ11, 4C plugs, 12 Modular Cords, Male Telco |
| DC-OCT-6P8CF-ATT | RJ45, 8C Plugs, 6 Modular Cords, Female Telco |
| DC-OCT-6P8CF-USOC | RJ45, 8C Plugs, 6 Modular Cords, Female Telco |
| DC-OCT-6P8CM-ATT | RJ45, 8C Plugs, 6 Modular Cords, Male Telco |
| DC-OCT-6P8CM-USOC | RJ45, 8C Plugs, 6 Modular Cords, Male Telco |
| DC-OCT-8P6CF-USOC | RJ11, 6C Plugs, 8 Modular Cords, Female Telco |
| DC-OCT-8P6CM-USOC | RJ11, 6C Plugs, 8 Modular Cords, Male Telco |

Duplex Jacks

Ivory color. Gold plated contacts. Split one line into two.

| Part # | Type | Description |
|-------------|----------------------|------------------|
| PT-101J-422 | Phone (Cross Wiring) | 4 in 2 out L1+L2 |
| PT-101J-444 | Phone (Cross Wiring) | 3 6p4c jacks |
| PT-101J-666 | Phone (Cross Wiring) | 3 6p6c jacks |
| PT-101J-888 | Phone (Cross Wiring) | 3 8p8c jacks |
| DC-101J-666 | Data (Straight Thru) | 3 6p6c jacks |
| DC-101J-888 | Data (Straight Thru) | 3 8p8c jacks |

Screw Type Mounting Blocks, Dual Jacks

Dual jacks, screw-on cover. Double sided sticker. Screw contacts. Screws for mounting. Gold plated contacts. Ivory color. Wiring: 6P4C & 6P6C - USOC 8P8C - AT&T.



| Part # | Description |
|-------------|--------------|
| PT-1104A-66 | 2 6p6c jacks |
| PT-1104A-88 | 2 8p8c jacks |

Modular Accessories

Coil Handset Cord

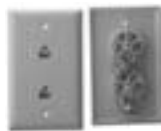
CC = Available Colors: BK, IV, WH.



| Part # |
|----------------|
| PT-604-07'(CC) |
| PT-604-12'(CC) |
| PT-604-18'(CC) |
| PT-604-25'(CC) |

Decora Wall Plate

Decora wall plates with 6p4c jacks, ivory



| Part # | Description |
|------------|-------------|
| PT-103D-4C | Single |
| PT-104D-44 | Dual |



Modular Accessories (cont.)

Modular and Video Jack Wall Plate

Wall plates with 6p4c jack and TV antenna jack, ivory.

Part # PT-104B-F4C

Modular Surface Jack

Ivory wall jack covers.



Part # PT-107-4C

Smooth Surface Wall Plate

Smooth surface wall plates with 6p4c jacks, ivory.

| Part # | Description |
|------------|-------------|
| PT-103B-4C | Single |
| PT-104B-44 | Dual |

Extension

Modular cords with spaded ends. SV = Silver Satin

| Part # | Description |
|-------------|-------------|
| PT-404-7' | RJ11 |
| PT-404-15' | RJ11 |
| PT-404-25' | RJ11 |
| PT-408-2'SV | RJ45 |
| PT-408-7'SV | RJ45 |
| PT-204-15' | Duplex Jack |
| PT-204-25' | Duplex Jack |
| PT-304-15' | Single Jack |
| PT-304-25' | Single Jack |

Wall Outlet for Phone Mounting

| Part # | Description |
|------------|--|
| PT-106-4C | Ivory mount plate |
| PT-106-6C | Ivory mount plate |
| PT-106D-4C | Ivory mount plate with dual jack on the side |
| PT-106D-6C | Ivory mount plate with dual jack on the side |

Circular Plate

Ivory circular wall jack plates.

Part # PT-105-4C, PT-105-6C

Screw Type Mounting Blocks, Snap on Top

Single jacks, snap covers. Double sided sticker. Mounting screws. Gold plated contacts. Both UL and Standard Parts. Wiring: 6P4C & 6P6C - USOC; 8P8C - AT&T.



| Part # | Description |
|---------------|----------------------------|
| PT-108-4C | 6p4c Screw Locks |
| PT-108A-4C | 6p4c Jacks |
| PT-108-4C-UL | 6p4c Jacks |
| PT-108A-6C | 6p6c Jacks |
| PT-108A-6D | W/DEC Jack |
| PT-108A-8C | 8p8c Jacks |
| PT-108B-4C | 6p4c Jacks (Economy Block) |
| PT-108A-4CWH | RJ11, 4C, White |
| PT-108A-6C-UL | 6p6c Jacks |
| PT-108A-6CWH | RJ11, 6C, White |

Audio/Video - Telephone



Screw Type Mounting Blocks, Snap on Top (cont.)



| Part # | Description |
|-----------------|------------------------|
| PT-108A-6CWH-UL | RJ11, 6C, White |
| PT-108A-8C-UL | 8p8c Jacks |
| PT-108A-8CWH | RJ45, 8C, White |
| PT-108A-8CWH-UL | RJ45, White |
| PT-108A-4CWH-UL | RJ 11, 4C, White |
| PT-108A-8C-SB | 8p8c with shorting bar |

Single and Dual Modular Jack Wall Plates

Dual Wall Plates

Dual jack, single gang plastic wall plate. Gold plated contacts, screw terminals. UL Listed

| Part # | Description |
|----------------|-----------------------|
| PT-104-44U-UL | 2 9P4C, USOC |
| PT-104-66U-UL | 2 6P6C, USOC |
| PT-104-68A-UL | 2 9P9C, 2 8P8C |
| PT-104-8AKK-UL | 2 8P8C Keyed, AT&T |
| PT-104-10C | 2 10P10C |
| PT-104-44U | 2 6P4C, USOC |
| PT-104-66U | 2 6P6C, USOC |
| PT-104-88A | 2 8P8C, AT&T |
| PT-104-8AKK | 2 8P8C Keyed, AT&T |
| PT-104-6DD | 2 6DEC Type |
| PT-104-88A-UL | 2 8P8C Keyed, AT&T |
| PT-104-66NW | 2 6P6C Nevada Western |

Single Wall Plates

Single jack, single gang plastic wall plate. Ivory color, screw terminal. Gold plate contacts. UL Listed.

| Part # | Description |
|---------------|---------------------|
| PT-103-4U/UL | 6P4C, USOC |
| PT-103-6U/UL | 6P6C, USOC |
| PT-103-8U/UL | 8P8C, USOC |
| PT-103-8A/UL | 8P8C, AT&T |
| PT-103-8AK/UL | 8P8C, Keyed, AT&T |
| PT-103-6D/UL | 6 DEC Type |
| PT-103-4U | 6P4C, USOC |
| PT-103-6U | 6P6C, USOC |
| PT-103-8U | 8P8C, USOC |
| PT-103-8A | 8P8C, AT&T |
| PT-103-8AK | 8P8C, AT&T Keyed |
| PT-103-6NW | 6P6C Nevada Western |

Telephone Cords

Silver satin or ivory color. Modular line cords. Reversed wiring. LL = Available footage.

| Part # | Type | Available Footage |
|----------------|-----------|-------------------|
| PT-504X-3SV | - | - |
| PT-504X-(LL)IV | RJ 11, 4C | 7, 14, 25 |
| PT-504X-(LL)SV | RJ 11, 4C | 7, 14, 25 |
| PT-506X-(LL)IV | RJ 11, 6C | 7, 14 |
| PT-506X-(LL)SV | RJ 11, 6C | 7, 14, 25 |
| PT-508X-(LL)IV | RJ 45, 8C | 7 |
| PT-508X-(LL)SV | RJ 45, 8C | 7, 14, 25 |

Dual Wall Mount Jack

Same design as No. TEC30, except two modular jacks are provided instead of one, so that more than one instrument or accessory may be served from a single location. Add "B" to end of part number for bulk. 4 conductor. Color is ivory.



Part # TEC31

Surface Mount Jacks

Packaged in packages of (10) wall plates per part number. All wall plates are UL approved and CSA certified where applicable. Each carton is a display package with picture, part number and bar code on each end.

| Part # | Type | Color |
|--------|-----------|-----------|
| 76-028 | 4C (6p4c) | ivory |
| 76-030 | 4C (6p4c) | white |
| 76-032 | 4C (6p4c) | lt almond |

Wall Phone Modular Jack

All are designed to mount on a standard junction box or flat on a wall surface. Sturdy supports for mounting the wall phone are molded in. All have screw terminals for wire connection.

| Part # | Conductor | Color |
|---------|-----------|-----------------|
| 75-3558 | 4 | Light almond |
| TWP55 | 4 | Ivory |
| TWP55V | 4 | White |
| TWP69 | 4 | Stainless Steel |

Single Flush Telephone Jacks

Packaged in packages of (10) wall plates per part number. All wall plates are UL approved and CSA certified where applicable. Each carton is a display package with picture, part number and bar code on each end.

| Part # | Type | Color |
|--------|-----------|--------------|
| 76-002 | 4C (6p4c) | ivory |
| 76-004 | 4C (6p4c) | white |
| 76-006 | 4C (6p4c) | light almond |
| 76-040 | 6C (6p6c) | ivory |
| 76-042 | 6C (6p6c) | white |
| 76-060 | 8C (8p8c) | ivory |
| 76-062 | 8C (8p8c) | white |

Three-Way Jack

Adds two single-line phones (RJ11) to two-line telephone jack (RJ14). Also good for three phone devices to same line. Add "B" to end of part number for bulk. 4 conductor. Color is ivory.



Part # TEC37

Single Wall-Mount Jack

Single wall-mount jacks converts a 4, 6 or 8 wire location to a modular telephone outlet. The mounting block is wired to the modular jack. It is necessary only to screw-mount the block and attach existing color-coded wire to the appropriately identified screw terminals. A convenient snap-on protective cover finishes the installation. Add "B" to end of part number for bulk.



| Part # | Conductor | Color |
|--------|-----------|-------|
| TEC30 | 4 | Ivory |
| TEC30V | 4 | White |
| TEC66 | 6 | Ivory |
| TEC88 | 8 | Ivory |



Audio/Video - Telephone



Telephone Modular Plug

With 50 micro inches of gold plating and UL94V-0 flame retardant plastic. For stranded flat modular line cord. Available in bulk only. UL Listed.



| Part # | Type |
|---------|--------------------|
| TEC145B | 4 Conductor (6P4C) |
| TEC185B | 8 Conductor (8P8C) |

Modular Telephone Wall Plates

Telephone wall plates are designed for mounting on standard electrical boxes unless otherwise specified. All wallplates are UL and CSA Listed, supplied with matching color mounting screw. For bulk-packed product, please add suffix letter "B" to the part number.



Most popular smooth plate finish. Four, six and eight conductor, with color-coded wires connect jack to connecting block.

| Part # | Conductor | Color |
|---------|-----------|--------------|
| 75-3048 | 4 | Light almond |
| TWP49 | 4 | Ivory |
| TWP49S | 4 | Brown |
| TWP49V | 4 | White |
| TWP80 | 8 | Ivory |
| TWP80V | 8 | White |

Modular Phone Jack

3 1/2" diameter round. Mounts on any flat surface. Screw terminal is color-coded. Includes mounting bracket. Part numbers ending with "N" are without mounting ring. Four conductor. White.

Part # TWP53V

Mid-Size Flush Mount Telephone Wall Plate

Size is 3 1/8" x 4 7/8". Single 4 conductor. Color is white.

Part # 75-250

Designer Wall Plates

Wall plates are UL and CSA listed. They can be mounted in any standard electrical box. Complete with single gang wall plate and matching color mounting screws. Two gang and three gang wall plates are available for a multiple gang box installation. All wall plates may be ordered bulk by adding suffix letter "B" to the part number.



| Part # | Description/Color |
|---------|---|
| 75-4160 | Dual "F" and 6 Conductor ("F" and 6P6C)/Ivory |
| 75-4162 | Dual "F" and 6 Conductor ("F" and 6P6C)/White |
| 75-4240 | Dual 4 Conductor (6P4C/6P4C)/Ivory |
| 75-4242 | Dual 4 Conductor (6P4C/6P4C)/White |
| 75-4410 | Single "F" Connector/Ivory |
| 75-4412 | Single "F" Connector/Ivory |
| 75-4040 | Single 4 Conductor (6P4C)/Ivory |
| 75-4042 | Single 4 Conductor (6P4C)/White |

DECEP Wall Plates

Supplied with mounting screws to match color of wallplates.



Combo Wall Plate

One-piece designer look alike wall plate. F-81 coupler - 4 conductor telephone jack.

| Part # | Color |
|--------|-------|
| TWP10 | Ivory |
| TWP10V | White |



DECEP Wall Plates (cont.)

Telephone Wall Plate

One-piece designer look alike telephone wall plate. 4 conductor.

Part # TWP40V

One Gang Standard Blank Wall Plate

UL Listed and CSA Certified. High impact-resistant, non-flammable and unbreakable thermoplastic. Flush fitting with matching color mounting screws.

| Part # | Color |
|--------|-------|
| 75-690 | Ivory |
| 75-692 | White |

Designer Telephone Wall Plate

Includes flush mount jack, wall plate and mounting hardware (metal mounting bracket). 4 conductor. Color is white.



Part # TWP48V

Modular Telephone Wall Plates

Telephone wall plates are designed for mounting on standard electrical boxes unless otherwise specified. All wallplates are UL and CSA Listed, supplied with matching color mounting screw. For bulk-packed product, please add suffix letter "B" to the part number.



Dual Wall Plate F-81 Coupler-Modular Female Jack

Enables user to make two totally different connections: (1) Four-wire modular phone jack to accept a modular plug and (2) An F-81 jack to accept "F" male connector for attaching video devices with 75 ohm cable. With mounting screws.

| Part # | Color |
|---------|--------------|
| 75-3168 | Light almond |
| TWP11 | Ivory |
| TWP11V | White |

Dual Wall Plates

Color-coded wires connect the modular jack to the screw terminal blocks. Four conductor. White.

Part # TWP62V

Wall Plate Covers

These covers are used with the DECORA® Style inserts for custom installations. Note: All wall plate covers are individually packaged in plastic bag. Not available for pegboard display.



| Part # | Description | Color |
|---------|-------------------|-------|
| 75-1000 | 1 gang wall plate | White |
| 75-2000 | 2 gang wall plate | White |

Telephone and Video Wall Plate Installer Packs

Packaged in packages of ten wall plates per part number. All wall plates are UL approved and CSA certified where applicable.

Wall Mount Telephone Jack

4C (6p4c)

| Part # | Color |
|--------|-------|
| 76-024 | Ivory |
| 76-026 | White |

Audio/Video - Telephone



Telephone and Video Wall Plate Installer Packs (cont.)

Dual Flush Telephone Jacks



| Part # | Type | Color |
|--------|-----------|--------------|
| 76-008 | 4C (6p4c) | Ivory |
| 76-010 | 4C (6p4c) | White |
| 76-012 | 4C (6p4c) | Light almond |
| 76-044 | 6C (6p6c) | Ivory |
| 76-046 | 6C (6p6c) | White |
| 76-064 | 8C (8p8c) | Ivory |
| 76-066 | 8C (8p8c) | White |

Telephone and Video Wall Plate Installer Packs

4 Conductor Designer Telephone Wall Plate

| Part # | Color |
|--------|-------|
| 76-130 | Ivory |
| 76-132 | White |

Combo Telephone and Video Flush Plate

4C (6p4c)

| Part # | Color |
|--------|--------------|
| 76-018 | Ivory |
| 76-020 | White |
| 76-022 | Light almond |

Dual Adapters

Dual adapter jack connects any two devices, in any combination desired, from a single standard modular outlet. Perfect for telephones, answering devices or amplifiers. Wired reverse for telecommunications. Add "B" to end of part number for bulk.



| Part # | Type | Conductor | Color |
|--------|---------------------|-----------|-------|
| 75-729 | Male to 2 Females | 4 | White |
| TEC19 | Female to 2 Females | 4 | Ivory |
| TEC29 | Male to 2 Females | 4 | Ivory |

Modular Plugs for Crimping Tools

For stranded conductor



| Part # | Description | No in Pkg. |
|--------|-------------------------------------|------------|
| TEC1 | 4 Conductor instrument plugs (6P4C) | 10 |
| TEC3 | 6 conductor plugs (6P6C) | Pkg. of 10 |
| TEC4 | 8 conductor plugs (8P8C) | Pkg. of 10 |

6 Conductor Coiled Cord

Coiled cords in six conductor with standard 6P/6C modular plugs. These cords are offered in black and silver and wired for voice (Pin 1-6, Pin 1-8) or data (Pin 1-1) use for phone, computer, cellular phone etc. Available in 7 foot lengths.

| Part # | Type | Color |
|--------|-------|-------|
| 75-348 | Voice | Black |
| 75-356 | Data | Black |



Recorder Switch

This device is plugged into the phone where handset plugs in, handset cord plugs into switch. In record position simply activate record switch on any recorder and phone conversation will be recorded. In play position, the device will allow playing the recording back through the phone. Device plugs into microphone jack on recorder.

Part # TEC220

Modular Extension Couplers

Modular cord extension coupler. Female modular jacks at either end allow two separate modular cords to be connected to form an extension. Wired reverse for telecommunications. Add "B" to end of part number for bulk.



| Part # | Conductor | Color |
|--------|------------------------------|-------|
| TEC34 | 4 | Ivory |
| TEC34V | 4 | White |
| TEC50 | 4 Conductor for Handset Plug | Ivory |
| TEC55 | 6 | Ivory |
| TEC84 | 8 | Ivory |

Modular Inline Coupler for Data

Wired straight thru for data applications (Pin 1 to Pin 1). Add "B" to end of part number for bulk.

| Part # | Conductor | Color |
|--------|-----------|-------|
| 75-726 | 6 | Ivory |
| 75-728 | 8 | Ivory |

Modular Plug to 4 Color-Coded Spade Lugs

Silver satin



| Part # | Length (ft.) |
|--------|--------------|
| TEC27M | 14 |
| TEC27S | 7 |

Four, Six and Eight Conductor Modular Telephone Cable

PVC jacket 26 gauge stranded wire. 15 micro inches gold plated contact modular plugs. Plug to plug modular telephone cables are wired in two ways, as extension cords or as interconnect cords.



| Part # | Color | Length |
|--------|---------------------------|--------|
| TEC10 | White, 4 conductor | 25 ft. |
| TEC26 | Silver satin, 4 conductor | 25 ft. |
| TEC26M | Silver satin, 4 conductor | 14 ft. |
| TEC26S | Silver satin, 4 conductor | 7 ft. |
| TEC46M | Silver satin, 6 conductor | 14 ft. |

Retractable Handset Cords

Available in ten colors. Use the following suffix letters: WH - white; BG - beige; BL - black; AL - almond; BR - brown; IV - ivory; OG - oyster gray; CG - charcoal gray.



| Part # | Length |
|--------|-----------------------|
| TEC25 | 25 ft. fully extended |
| TEC25M | 14 ft. fully extended |
| TEC25S | 7 ft. fully extended |



Audio/Video - Telephone



Industrial Extension Telephone Bell Ringer

A weather-resistant bell loud enough to be heard in the noisiest factory or over extended distances outdoors, but has an adjustable loudness control that makes it ideal for a quiet patio or home. Can work in conjunction with your present phone ringer or independently, if so desired. Sound pressure level is 95dB (excitation 20 Hz., 60 V, rms). Minimum operating voltage is 40 volts rms (20Hz) rated; average less than 40 volts. Ringer impedance is more than 8K ohms at 20Hz.



Part # TEC49

Telephone Line Junction Box

A convenient, easy method of interfacing modular telephones to the system in the home without going through complicated wiring. Attachments are made at one to four color coded connecting points. A modular plug and 24" cable connects to the standard interface jack usually supplied by the telephone company.



| Part # | Description |
|---------|---|
| TEC38 | Ivory |
| TEC38AB | Same as above without 24" cable, ivory. Bulk packed only. |
| TEC38WH | White |

5-Way Modular Outlet Box

Connects up to five telephones or related equipment to an existing single modular jack. Four contacts. Self-adhesive backing for convenient and easy installation.



Part # TEC39

Universal Telephone Pick-Up Coil

Will pick up both sides of a telephone conversation for recording or amplification, on either the old type phone or the modern new type phones. Comes with rubber suction cup to enable easy attachment to any telephone receiver, securely. Complete with 5 ft. of shielded cable.



Part # M81

De-Tangler

You will never have another tangled telephone cord. Simply unplug your telephone cord from the handset and plug in the De-Tangler. It can be plugged into the telephone handset or into the telephone base. Fits all standard telephones with removable cords and attaches in seconds. No tools required.



Part # UT24

2 Line "T" Adapter

This device plugs into 2 line wall jack and affords user Line 1, Line 2 or both Line 1 and Line 2 female jacks. 4 conductor.



Part # TEC73

Phone Line RF Filter

This device will eliminate hissing, humming, scratching, false rings and radio interference. It provides noise suppression and reduces electromagnetic interference. Ideal for cordless phones, answering machines, fax machines, data communication and modems.

Part # TEC200



Home Theatre Designer

Wallplates & Jacks.



| Part # | Description |
|---------|--|
| 75-1026 | 4 gold RCA jacks (2 black and 2 red) |
| 75-1032 | 4 gold 5-way binding post (2 black and 2 red) |
| 75-1050 | 2 gold banana jacks (1 black and 1 red) |
| 75-1052 | 4 gold banana jacks (2 black and 2 red) |
| 75-1074 | 4 position push-in speaker terminal (solder terminals) |



Cable and Telephone Patch Cords

Voice grade cables in round solid type for hardwiring and flat stranded silver satin for cable assemblies. Modular patch cords are cross-wired for telephone use.



Patch Cords

| Part # | Description |
|----------|------------------------------------|
| NCO-4107 | 4C - 7 ft. Tel. Cord Silver Satin |
| NCO-4115 | 4C - 15 ft. Tel. Cord Silver Satin |
| NCO-4125 | 4C - 25 ft. Tel. Cord Silver Satin |
| NCO-6207 | 6C - 7 ft. Tel. Cord Silver Satin |
| NCO-6215 | 6C - 15 ft. Tel. Cord Silver Satin |
| NCO-6225 | 6C - 25 ft. Tel. Cord Silver Satin |
| NCO-8307 | 8C - 7 ft. Tel. Cord Silver Satin |
| NCO-8315 | 8C - 15 ft. Tel. Cord Silver Satin |
| NCO-8325 | 8C - 25 ft. Tel. Cord Silver Satin |

Voice Grade Cable

| Part # | Description |
|----------|---|
| NBW-1426 | 2 Pr. (4C) 24AWG Round Solid Tel. Cable |
| NBW-1626 | 3 Pr. (6C) 24AWG Round Solid Tel Cable |
| NBW-1826 | 4 Pr. (8C) 24AWG Round Solid Tel. Cable |
| NBW-2428 | 4C 28AWG Flat Silver Satin Tel. Cable |
| NBW-2628 | 6C 28AWG Flat Silver Satin Tel. Cable |
| NBW-2828 | 8C 28AWG Flat Silver Satin Tel. Cable |
| NBW-1051 | 4P Cat5e 350MHz Solid UTP 24AWG |

Category 5e Bulk Cable

4P Cat5e 350MHz Solid UTP 24AWG

| Part # | Color |
|----------|--------|
| NBW-1052 | Blue |
| NBW-1053 | Red |
| NBW-1055 | Yellow |
| NBW-1056 | Green |
| NBW-1058 | White |
| NBW-1059 | Gray |

Audio/Video - Telephone



Telephone Surface Mount Boxes and Adapters

For surface mounting and line coupling applications. Most models are offered in single and dual outlet, in ivory and white. The surface mount boxes are packaged with mounting screws and double-sided adhesive tape.



| Part # | Description |
|----------|---|
| NTB-1401 | 4C Single Surface Box - Ivory |
| NTB-1402 | 4C Single Surface Box - White |
| NTB-2401 | 4C Dual Surface Box - Ivory |
| NTB-2402 | 4C Dual Surface Box - White |
| NTB-3401 | 4C Single Low Profile Style Surface Box - Ivory |
| NTB-3402 | 4C Single Low Profile Style Surface Box - White |
| NTB-1601 | 6C Single Surface Box - Ivory |
| NTB-1602 | 6C Single Surface Box - White |
| NTB-3601 | 6C Single Low Profile Style Surface Box - Ivory |
| NTB-3602 | 6C Single Low Profile Style Surface Box - White |
| NTB-1801 | 8C Single Surface Box - Ivory |
| NTC-1421 | 4C In-Line Tel. Coupler - Ivory |
| NTC-1422 | 4C In-Line Tel. Coupler - White |
| NTC-1621 | 6C In-Line Tel. Coupler - Ivory |
| NTC-1622 | 6C In-Line Tel. Coupler - White |
| NTC-1821 | 8C In-Line Tel. Coupler - Ivory |
| NTC-1822 | 8C In-Line Tel. Coupler - White |
| NTC-2421 | 4C Duplex Adapter - Ivory |
| NTC-2422 | 4C Duplex Adapter - White |
| NTC-2621 | 6C Duplex Adapter - Ivory |
| NTC-2622 | 6C Duplex Adapter - White |
| NTC-2821 | 8C Duplex Adapter - Ivory |
| NTC-2822 | 8C Duplex Adapter - White |

Telephone Wall Plates

Features screw terminals for ease of installation. These faceplates are designed to be mounted into any standard single gang electrical box or can be mounted into single gang junction box. Offered exclusively with smooth face designs in white or ivory and for wall mounted telephones.



| Part # | Description |
|----------|---|
| NTP-2401 | 4 Conductor Wallplate 1 Outlet - Ivory |
| NTP-2402 | 4 Conductor Wallplate 1 Outlet - White |
| NTP-1441 | Dual Outlet 4 Conductor Wallplate - Ivory |
| NTP-1442 | Dual Outlet 4 Conductor Wallplate - White |
| NTP-1601 | 6 Conductor Wallplate 1 Outlet - Ivory |
| NTP-1602 | 6 Conductor Wallplate 1 Outlet - White |
| NTP-1661 | Dual Outlet 6 Conductor Wallplate - Ivory |
| NTP-1662 | Dual Outlet 6 Conductor Wallplate - White |
| NTP-1801 | 8 Conductor Wallplate 1 Outlet - Ivory |
| NTP-1802 | 8 Conductor Wallplate 1 Outlet - White |
| NTP-1881 | Dual Outlet 8 Conductor Wallplate - Ivory |
| NTP-1882 | Dual Outlet 8 Conductor Wallplate - White |
| NTP-4401 | 4 Conductor Wall - Phone Plate - Ivory |
| NTP-4402 | 4 Conductor Wall - Phone Plate - White |
| NTP-1901 | Combo 4 Cond./F Connector Wallplate - Ivory |
| NTP-1902 | Combo 4 Cond./F Connector Wallplate - White |

Standard Multimedia Faceplates

These accommodate category 3 and higher keystone jacks and a complete series of snap-in modules for RF and video applications. Designed to fit standard single gang electrical boxes, are offered in white and ivory and come complete with mounting screws. The snap-in modules offer versatility in configuring communication interfaces to support audio, video and security applications. The snap-in modules are offered in white and ivory and are designed to snap in place from the rear.



| Part # | Description |
|----------|-------------------------------------|
| NFP-1017 | 1 Port Multimedia Faceplate - Ivory |
| NFP-1018 | 1 Port Multimedia Faceplate - White |
| NFP-1027 | 2 Port Multimedia Faceplate - Ivory |
| NFP-1028 | 2 Port Multimedia Faceplate - White |
| NFP-1037 | 3 Port Multimedia Faceplate - Ivory |
| NFP-1038 | 3 Port Multimedia Faceplate - White |
| NFP-1047 | 4 Port Multimedia Faceplate - Ivory |
| NFP-1048 | 4 Port Multimedia Faceplate - White |
| NFP-1067 | 6 Port Multimedia Faceplate - Ivory |
| NFP-1068 | 6 Port Multimedia Faceplate - White |
| NIN-1107 | Blank Cover Insert - Ivory |
| NIN-1108 | Blank Cover Insert - White |
| NIN-1207 | F Insert - Loaded - Ivory |
| NIN-1208 | F Insert - Loaded - White |
| NIN-1307 | BNC Insert - Loaded - Ivory |
| NIN-1308 | BNC Insert - Loaded - White |

Iconable Multimedia Faceplates

Designed where station identification is required. This series accepts category 3 and higher keystone jacks. They also feature slots to facilitate insertion of icons for color-coding application or department identification. Additionally, each faceplate features clear station labels for station ID. They come complete with mounting screws, station labels and clear plastic overlays.



| Part # | Description |
|----------|-----------------------------------|
| NFP-2017 | 1 Port Iconable Faceplate - Ivory |
| NFP-2018 | 1 Port Iconable Faceplate - White |
| NFP-2027 | 2 Port Iconable Faceplate - Ivory |
| NFP-2028 | 2 Port Iconable Faceplate - White |
| NFP-2047 | 4 Port Iconable Faceplate - Ivory |
| NFP-2048 | 4 Port Iconable Faceplate - White |
| NFP-2067 | 6 Port Iconable Faceplate - Ivory |
| NFP-2068 | 6 Port Iconable Faceplate - White |



Mid-Size Flush Wall Plate - Single Jack

Mid-size flush wall jack assembly allows connection of plug ended modular line cords. Ideal for installation where opening is larger than normal.

| Part # | UL | Color | Conductor |
|---------|---------|-------|-----------|
| 30-9726 | 30-8739 | White | 4 |
| 30-9729 | 30-8737 | Ivory | 4 |

Flush Wall Plate - Single Jack

Modular flush wall jack assembly allows flush-mounted connection of plug-ended modular line cords. Ideal for initial installation or conversion from existing wall receptacles.

| Part # | UL/CUL | Decor | Color | Conductor |
|---------|---------|---------|-------|-----------|
| 30-9707 | 30-8747 | 30-9767 | Ivory | 4 |
| 30-9717 | 30-8749 | 30-9777 | White | 4 |



Audio/Video - Telephone



Quick Connect Telephone Jack

Use when mounting wall-type telephone, quick connect posts ensure easy wall-mount phone installation.

| Part # | UL/CUL | Color | Conductor |
|---------|---------|-------|-----------|
| 30-9704 | 30-8704 | Ivory | 4 |
| 30-9714 | 30-8709 | White | 4 |

Combination Wall Plate - Telephone/Coax

Specially designed wallplate allows hookup of both modular telephone wire and coax cable from one location

| Part # | UL | Decor | Color | Conductor |
|---------|-----|---------|-------|-----------|
| 30-9732 | n/a | 30-9778 | Ivory | 4 |
| 30-9733 | n/a | 30-9779 | White | 4 |

WP STDFM 1 6P4C UL/CUL WH

Part # 30-8749

Modular Surface Jack - Single Telephone

Modular surface jacks mounts to baseboard or wall. Screw terminals for easy installation.

| Part # | UL/CUL | Color | Conductor |
|---------|---------|-------|-----------|
| 30-9604 | 30-8607 | Ivory | 4 |

Dual Outdoor Telephone Bell

The outdoor telephone bell is a loud mechanical bell. Weather resistant molded housing for use indoors or outdoors, ideal for factory, farm, porch or garage or in any noisy environment. This telephone bell is line powered and uses a modular jack for simple installation. FCC registered.

Part # 30-9835

Wall Plate 2 5E, 2 (AU) F, (Bulk Pack, 10 Pcs)

Residential Structured Cabling Wall Plates – Pre-Loaded. These plates enable the installer to obtain wall plates that are pre-configured for specific application; the need for ordering components separately is eliminated. The jacks included in the plates are Cat. 3/4 and/or Cat. 5e IDC jacks that require no tools for installation. The coax inserts are gold plated brass. Colors are matched to the wall plate to enable the plate to blend with the décor.

| Part # | Description |
|-----------|----------------|
| 45-931-BU | 2 Blank, White |
| 45-937-BU | White |
| 45-947-BU | Ivory |
| 45-980-BU | Light Almond |

Wall Plate Standard 1 5E,1 (AU) F (Bulk Pack, 10 Pcs)

Residential Structured Cabling Wall Plates – Pre-Loaded. These plates enable the installer to obtain wall plates that are pre-configured for specific application; the need for ordering components separately is eliminated. The jacks included in the plates are Cat. 3/4 and/or Cat. 5e IDC jacks that require no tools for installation. The coax inserts are gold plated brass. Colors are matched to the wall plate to enable the plate to blend with the décor.

| Part # | Description |
|-----------|-------------|
| 45-951-BU | White |
| 45-955-BU | Ivory |

Wall Plate Standard 1F

This flush-mounted wall plate has a standard "F" type connector for input, and an "F" type connector for output. Includes mounting screws.

| Part # | Description |
|------------|-----------------|
| 32-3062-BU | Ivory |
| 32-3043-BU | Mid-size, White |

Wall Plate Standard 1F White

This flush-mounted wall plate has a standard "F" type connector for input, and an "F" type connector for output. Includes mounting screws. White

Part # 32-3066-BU

Audio/Video - Intercoms & Doorphones



Paging/Intercom Accessories



| Part # | Description | Dimensions (W x H x D) |
|--------|--|--------------------------|
| 2518 | Model PI35A/SI35A, 18-gauge Connectors | 5/8" x 1/4" x 3/4" |
| 2520 | Model PI35A/SI35A, 20-gauge Connectors | 5/8" x 1/4" x 3/4" |
| 2522 | Model PI35A/SI35A, 22-gauge Connectors | 5/8" x 1/4" x 3/4" |
| TL156 | Model PI35A/SI35A, Insertion Tool | 2" x 3-1/4" x 1" |
| PCMPS2 | Model PCM2000 - 12V DC/1.5A Power Supply | 2 3/4" x 4 1/2" x 2" |
| SBA225 | Model SI35A - 25-Key Station Panel Selector | 19" x 1 3/4" x 1 1/4" |
| TWK351 | Model PI35A/SI35A - 2-Wire Call-In Adapter Kit | 5 1/2" x 4" x 2 1/4" |
| CA10A | Model PI35A/SI35A - Call-In Switch | 2 3/4" x 4 1/2" x 2" |
| CA11A | Model PI35A/SI35A - Call Privacy Switch | 2 3/4" x 4 1/2" x 1 3/4" |



Video Doorphone Security System

Two way video doorphone four wire security system. Includes indoor monitor and outdoor flush mount camera. Expandable up to two monitors and two cameras with 2-way manual switcher. Door release operation.



| Part # | Description |
|----------|---------------------------------|
| VDP-5000 | Video doorphone |
| VDP-C5F | Additional flush mount camera |
| VDP-C5S | Additional surface mount camera |
| VDP-M5F | Additional flush mount monitor |



Audio/Video - Intercoms & Doorphones



2-Way 3 Channel Wireless Intercom System

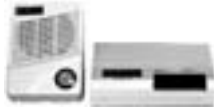
offers the convenience of a page call button and option of hands-free operation. In addition you have your choice of different volume levels and three separate communication channels allowing future system expansion. Connected by your in-wall, common AC electrical line, just plug the two units into linked outlets to start instant communication, no complicated wiring is needed. Ideal for inter-house communication or vestibule security clearance, the FM-201A is a compact, wide-range, feature-rich solution.



Part # FM-301A

Wired Intercom Systems

Single channel wired two station intercom with outdoor weatherproof remote transistorized solid state circuitry. Complete with 9 volt battery and 50' of cable ideal for door answering.



Part # BI-2WD

Single channel wired two station intercom transistorized solid state circuitry. ON/OFF volume control with 9V battery and 50' of cable ideal as an economical "babysitter".

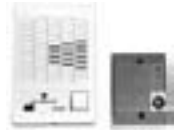


Part # BI-2SD



Wired Intercom Systems

Two station wired door answering system. Door release button for use with optional electric door release operates on 4 C cells or PSW-1, 6V DC adapter (optional). Door station dimensions (HxWxD) are 4 1/2" x 3 1/4" x 1 1/4". Master station dimensions (HxWxD) are 7 1/4" x 4 3/4" x 1 1/2". Total weight is 1 1/4 lbs.



Part # WI-150

Additional 2-wire door remote station.

Part # WI-DR



FM Wireless Intercom Set

Ideal for home or office and is simply installed by plugging the power cord into an AC outlet. Three separate channels. Service free, FM/PLL (phase-locked-loop) circuitry, assures that your voice communications are crisp and clear. Includes a pair of intercoms. Operates on standard AC current with low power consumption (less than a 3 watt light bulb) additional features include solid state LED indicators, beep call for altering other stations and a squelch feature noise. Maximum range is 1000 feet. Measurements (W x D x H) in inches are 7 x 4 1/4 x 2 (178 x 121 x 51 mm).



Part # 30-6035

Audio/Video - Speakers & Accessories

BOGEN.

Cone Speakers-8 Inch Speaker (6oz Magnet)

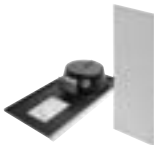
Works with both 70V and 25V amplifier outputs (models with transformers). 8" cone speaker for excellent audio quality. Easy to install in wall baffles or ceiling grilles. Magnet weight is 6 oz. Frequency response is 50 Hz-12 kHz. Sensitivity is 95 dBspl. Connections are Push-on Lugs. 8" Dia.x3-1/4"D.



Part # S86

Drop-In Ceiling Speakers

Finely perforated grille over entire front of speaker. Fully enclosed, industrial grade steel construction. For use with 2' x 4' and 2' x 2' suspended tile ceilings. Plenum-rated - meets requirements of UL standard 2043 for smoke and heat release. 8" main cone with secondary high frequency cone. Non-reflective white finish blends in with ceiling tiles. Seismic attachment point.



| Part # | Dimensions |
|--------|---------------------------------|
| CSD1X2 | 12-7/8" W x 23-3/4" H x 5"D |
| CSD2X2 | 23-13/16" W x 23-13/16" H x 5"D |

High-Fidelity Ceiling Speaker

Bogen's coaxial 2-way, hi-fi ceiling speakers deliver unsurpassed performance and value. Installs into a variety of ceiling environments including suspended ceilings and hard-surfaced ceilings. Large heavy-gauge plated steel back can for deep bass response. Computer-matched dual venting system for full bass output. For 16-ohm, 70V, and 100V systems. Dimensions are 12"D x 12-3/8" diameter. The product weight is 9 lb.



Part # HFCS1

BOGEN.

ORBIT Ceiling Speaker - 12" Diameter

Features NEAR's unique MLS™ and MDT™ technologies which improve sound quality and increase operating reliability. 140-degree wide-dispersion coaxial driver for broad, even coverage. Stable, high-definition metal-alloy woofer cone. 6-1/2" MDT metal-alloy cone delivers detailed sound; 3/4" polycarbonate tweeter. MLS voice coil centering system. High-efficiency drivers deliver superior performance. For 16-ohm, 70V, and 100V systems. Frequency response: 60 Hz to 19 kHz.



Part # OCS1

ORBIT Pendant Speakers

Specially designed to provide full-range bass in open space environments. Easy-to-use cable suspension system includes three suspension cables with attached forged eyebolts. 140-degree wide dispersion coaxial driver for broad, even coverage. Stable, high-definition metal-alloy woofer cone. 6-1/2" MDT metal-alloy cone delivers detailed sound; 3/4" polycarbonate tweeter. For 16-ohm, 70V, and 100V systems.



| Part # | Description | Dimensions |
|--------|-------------|----------------------|
| OPS1B | Dark Grey | 9-1/4"Dx15" diameter |
| OPS1W | White | 9-1/4"Dx15" diameter |

Amplified Speakers

Built-in amplifier with volume control. Requires 24V DC and a low-level audio signal. 8" cone speakers available in ceiling mount, wall baffle mount or unmounted versions. Two horn speaker power levels, 5W and 15W. Volume control on all speakers. Perfect for small or large paging systems.



Part # ASWG1DK



Audio/Video - Speakers & Accessories

BOGEN

Horn Loudspeakers

Offers high efficiency, excellent intelligibility and sturdy, all metal construction with enamel finish. Tilt and swivel base and rotary switch selected power taps make installation quick and easy. SPT and BDT models are compatible with 70V and 25V paging systems; SP models are 8-ohm versions. IH8A is a paging horn. Maximum speaker power capacities of 7.5, 15 and 30 watts. Weatherproof design. 12" connecting cable included for installation (SP58A, SPT5A and IH8A only). Twin re-entrant horns for bi-directional projection (BDT30A only). **Each horn.



| Part # | Max. Power Cap. (W) | Freq. Response | Sensitivity (dBspl, 1W@4ft) | Max. Sound Level (dBspl, full power@4ft) | Power Taps (W) - 70V | Power Taps (W) - 25V | Low-Imp. 8-Ohm | Disp. Angle |
|--------|---------------------|-----------------|-----------------------------|--|------------------------|--------------------------|----------------|-------------|
| BDT30A | 30 | 225 Hz - 14 kHz | 106** | 121** | 30, 15, 7.5, 3.7, 1.8 | 15, 7.5, 3.7, 1.8 | No | 100° ** |
| IH8A | 15 | 350 Hz - 14 kHz | 108 | 120 | n/a | n/a | Yes | 130° |
| SP158A | 15 | 275 Hz - 14 kHz | 109 | 121 | n/a | n/a | Yes | 110° |
| SP308A | 30 | 225 Hz - 14 kHz | 110 | 125 | n/a | n/a | Yes | 100° |
| SP58A | 7.5 | 250 Hz - 14 kHz | 96 | 105 | n/a | n/a | Yes | 120° |
| SPT15A | 15 | 275 Hz - 14 kHz | 109 | 121 | 15, 7.5, 3.8, 1.8, 0.9 | 15, 7.5, 1.8, 0.94, 0.46 | No | 110° |
| SPT30A | 30 | 225 Hz - 14 kHz | 110 | 125 | 30, 15, 7.5, 3.7, 1.8 | 15, 7.5, 3.7, 1.8 | No | 100° |
| SPT5A | 7.5 | 250 Hz - 14 kHz | 96 | 105 | 7.5, 5, 2.5, 1.25, 0.6 | 1, 0.68, 0.31 | No | 120° |

Foreground Speakers

Two-way speakers designed to deliver high-quality, wide frequency response audio in a compact cabinet. Perfect for supplying foreground as well as background music, the speaker line is available in 3 sizes and power ratings. The GF20S has a plastic speaker cone, a splashproof screen and stainless steel hardware for extra speaker protection and more application uses. Works with both 70V and 8-ohm speaker systems. U-mounting bracket included. Rotary switch selected power rating for 70V systems.



| Part # | Power Cap. - 70V Sys.(W) | Freq. Resp. | Low-Freq. Driver | High-Freq. Driver | Dim. (W x H x D) |
|--------|--------------------------|-----------------|------------------|-------------------|----------------------|
| FG15B | 15, 7.5, 4, 2, 1 | 100 Hz - 20 kHz | 3" paper | 3/4" Mylar | 7 1/4" x 4 5/8" x 5" |
| FG15W | 15, 7.5, 4, 2, 1 | 100 Hz - 20 kHz | 3" paper | 3/4" Mylar | 7 1/4" x 4 5/8" x 5" |
| FG20S | 20, 15, 10, 5 | 80 Hz - 20 kHz | 5" plastic | 3/4" Mylar | 9 1/8" x 6 1/4" x 7" |
| FG30 | 30, 20, 15, 10 | 80 Hz - 20 kHz | 5" paper | 3/4" Mylar | 9" x 5 7/8" x 5 5/8" |

Ceiling Speaker Assemblies

8" cone speakers are available pre-assembled onto a 13" steel ceiling grille painted with white enamel. Four-watt capacity. Six different power taps available (4, 2, 1, 1/2, 1/4, 1/8W). T725 4-watt transformer. Works with both 70V and 25V amplifier outputs. Dimensions are 13" dia. x 3 1/4" d.



| Part # | Magnet Wght | Freq. Response | Sensitivity (4 ft/1W) | Features |
|-----------------|-------------|----------------|-----------------------|--|
| S810T725PG8W | 10 oz. | 70 Hz - 15 kHz | 96 dBspl | No volume control |
| S810T725PG8WVK | 10 oz. | 70 Hz - 15 kHz | 96 dBspl | Volume control with knob |
| S810T725PG8WVR | 10 oz. | 70 Hz - 15 kHz | 96 dBspl | Recessed volume control |
| S86T725PG8W | 6 oz. | 50 Hz - 12 kHz | 95 dBspl | No volume control |
| S86T725PG8WBR | 6 oz. | 50 Hz - 12 kHz | 95 dBspl | Screw terminals |
| S86T725PG8WBRVK | 6 oz. | 50 Hz - 12 kHz | 95 dBspl | Volume control with knob & screw terminals |
| S86T725PG8WBRVR | 6 oz. | 50 Hz - 12 kHz | 95 dBspl | Recessed volume control & screw terminals |
| S86T725PG8WVK | 6 oz. | 50 Hz - 12 kHz | 95 dBspl | Volume control with knob |
| S86T725PG8WVR | 6 oz. | 50 Hz - 12 kHz | 95 dBspl | Recessed volume control |

Near® A-Series Loudspeakers

Designed to perform under the toughest conditions. Coaxial and 2-way capability. 8-ohm or 70V models. Long-term power handling for constant use. Reduced distortion at all output levels. High dispersion of sound. Corrosion-resistant mounting hardware. Rugged and durable construction. Metal-alloy low-frequency drivers. Heavy-gauge aluminum brackets (stainless steel on A8 models) are powder-coated to resist chipping and scratching. Special rubber driver surrounds. Dual-layer aluminum voice coils, combined with fluid, provide efficient heat-sinking under long-term, high power situations. Over-sized mounting knobs to secure mounting easily. Colors specified by adding suffix to end of part number: BLK (black), GRN (green) or WHT (white).



| Part # | Drivers | Freq. Response | Sensitivity (1W@1 meter) | Dispersion | Imped. | Power Handling | Sys. Capab. | Dim. (W x H x D) |
|--------|---|----------------|--------------------------|---------------------|--------|-------------------------------------|-------------|------------------|
| A2 | 6" metal-alloy hard anodized woofer; 1/2" polycarbonate tweeter | 55 Hz - 20 kHz | 88 dBspl | Horiz-90°, vert-90° | 8-ohm | 100 watts | Coaxial | 9" dia. x 8" d |
| A2T | 6" metal-alloy hard anodized woofer; 1/2" polycarbonate tweeter | 55 Hz - 20 kHz | 88 dBspl | Horiz-90°, Vert-90° | 70V | 16 watts (4W, 8W, 16W tap settings) | Coaxial | 9" dia. x 8" d |

Audio/Video - Speakers & Accessories

BOGEN®

Near® A-Series Loudspeakers (cont.)

| Part # | Drivers | Freq. Response | Sensitivity (1W@1 meter) | Dispersion | Imped. | Power Handling | Sys. Capab. | Dim. (W x H x D) |
|--------|--|----------------|--------------------------|---------------------------------------|--------|---------------------------------------|-------------|--------------------------------|
| A6 | 6" metal-alloy hard anodized woofer; 1 1/8" pure titanium low diffraction inverted tweeter | 50 Hz - 20 kHz | 89 dBspl | Horiz-110°, Vert-45° (up) 35° (down) | 8-ohm | 150 watts | 2-way | 13 7/16" x 7 1/8" x 7 11/16" |
| A6T | 6" metal-alloy hard anodized woofer; 1 1/8" pure titanium low diffraction inverted tweeter | 50 Hz - 20 kHz | 89 dBspl | Horiz-110°, vert-45° (up) 35° (down) | 70V | 32 watts (8W, 16W, 32W tap settings) | 2-way | 13 7/16" x 7 1/8" x 7 11/16" |
| A8 | 8" metal-alloy hard anodized woofer; 1 1/8" pure titanium low diffraction inverted tweeter | 45 Hz - 20 kHz | 91 dBspl | Horiz-100°, vert-45° (up), 35° (down) | 8-ohm | 175 watts | 2-way | 17 13/16" x 10 3/16" x 10 7/8" |
| A8T | 8" metal-alloy hard anodized woofer; 1 1/8" pure titanium low diffraction inverted tweeter | 45 Hz - 20 kHz | 91 dBspl | Horiz-100°, vert-45° (up) 35° (down) | 70V | 64 watts (16W, 32W, 64W tap settings) | 2-way | 17 13/16" x 10 3/16" x 10 7/8" |

A Series - Electrical Cover 2 7/8" x 1 7/8" x 2 3/16"



Part # ASTB4

Tile Bridge Support Ring

Associated Models are OCS1 and HFCS1. 17"W x 1-1/8"H x 24"D.



Part # TBCR

Near® Rock Landscape Loudspeakers

Designed to blend in with outdoor scenery, using the NEAR® acoustical technology. Delivers superior sound even if continuously or suddenly exposed to heat, cold, wind, rain, ice snow, sleet, sun, or salt spray. Works with 70V and 8-ohm speaker systems. Two-way design. Ultra-low distortion. Wide, elevated sound dispersion. Rugged, heavy and realistic. Add speaker color choice to end of part number: G (granite) or S (sandstone).



| Part # | Drivers | Freq. Response | Sensitivity (1W @ 1 meter, 8-ohm) | Dispersion | Power Handling | Orient. | Dim. (W x H x D) |
|--------|--|----------------|-----------------------------------|----------------------|-------------------------------------|------------|------------------|
| R6 | 6" MDT mid-bass; 1 1/8" titanium tweeter | 75 Hz - 20 kHz | 88 dBspl | Horiz-100°, Vert-45° | 100 watts | Horizontal | 18" x 10" x 14" |
| R6T | 6" MDT mid-bass; 1 1/8" titanium tweeter | 75 Hz - 0 kHz | 88 dBspl | Horiz-100°, Vert-45° | 32 watts (3 taps in 3dB increments) | Horizontal | 18" x 10" x 14" |
| R8 | 8" MDT mid-bass; 1 1/8" titanium tweeter | 60 Hz - 20 kHz | 90 dBspl | Horiz-100°, Vert-45° | 175 watts | Vertical | 23" x 16" x 15" |
| R8T | 8" MDT mid-bass; 1 1/8" titanium tweeter | 60 Hz - 20 kHz | 90 dBspl | Horiz-100°, Vert-45° | 64 watts (3 taps in 3dB increments) | Vertical | 23" x 16" x 15" |

Cone Speakers

8" unmounted cone speakers with 6 or 10 oz. magnets. Comes wired with a 4-watt speaker matching transformer (T725). Six different power taps available (4, 2, 1/2, 1/4, 1/8 W). Screw terminals optional (S86T725BR model only). Works on both 70V and 25V amplifier outputs. Easy to install in wall baffles or ceiling grilles.



| Part # | Speaker | Magnet Wght | Freq. Response | Sensitivity | Connections | Dim. (Dia. x D) |
|-----------|---------|-------------|----------------|-------------|----------------|-----------------|
| S810T725 | S810 | 10 oz. | 70 Hz - 15 kHz | 96 dBspl | Wire | 8" x 3 1/2" |
| S86T725 | S86 | 6 oz. | 50 Hz - 12 kHz | 95 dBspl | Wire | 8" x 3 1/4" |
| S86T725BR | S86 | 6 oz. | 50 Hz - 12 kHz | 95 dBspl | Screw terminal | 8" x 3 1/4" |

Amplified Speakers

Each speaker has a built-in amplifier with volume control. Requires 24V DC and a low-level audio signal. 8" cone speakers available in ceiling mount, wall baffle mount or unmounted versions. Two horn speaker power levels, 5W and 15W. Volume control on all speakers. Perfect for small or large paging systems. ¹For integrated music and speed input signals. ²dBspl @ full power/4 ft. ³To reach full power output.



| Part # | Style | Power Requir. ¹ | Power Rating | Max. Sound Level ² | Input Sens. (mVrms) ³ | Freq. Response | Input Imped. | Dispersion |
|--------|------------------------|----------------------------|--------------|-------------------------------|----------------------------------|-----------------|--------------|------------|
| AH15A | Horn speakers | 24V DC, 1A | 15W | 121 | 58 | 275 Hz - 14 kHz | 600 ohms | 110° |
| AH5A | Horn speakers | 24V DC, 400 mA | 5W | 116 | 32 | 275 Hz - 14 kHz | 600 ohms | 100° |
| AS1 | Unmounted cone | 24V DC, 50 mA | 1W | 92 | 113 | 10 Hz - 10 kHz | 1000 ohms | 90° |
| ASWB1 | Wall baffle with AS1 | 24V DC, 50 mA | 1W | 92 | 113 | 10 Hz - 10 kHz | 1000 ohms | 90° |
| ASWG1 | Ceiling mount with AS1 | 24V DC, 50 mA | 1W | 92 | 113 | 10 Hz - 10 kHz | 1000 ohms | 90° |



BOGEN

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Wall Baffle Speakers

8" cone speakers pre-assembled into a simulated walnut-finished wooden enclosure with a black grille cloth on front. Handsomely styled and ruggedly built with 3/8" particle board reinforced at the corners. Four-watt capacity. Six different power taps available (4, 2, 1, 1/2, 1/4, 1/8 watts). Works for both 70V and 25V amplifier outputs. 6 oz. or 10 oz. magnet weights. Easy wall-mount installation. Mounting hardware included. Dimensions (W x H x D) is 9 1/2" x 9 1/2" x 5 1/4" (3 1/4" depth at bottom).



| Part # | Magnet Wght | Freq. Response | Sensitivity (4 ft/1W) | Features |
|-------------|-------------|----------------|-----------------------|---|
| WBS810T725 | 10 oz. | 70 Hz - 15 kHz | 96 dBspl | No volume control |
| WBS8T725 | 6 oz. | 50 Hz - 12 kHz | 95 dBspl | No volume control |
| WBS8T725BR | 6 oz. | 50 Hz - 12 kHz | 95 dBspl | Screw terminals |
| WBS8T725BRV | 6 oz. | 50 Hz - 12 kHz | 95 dBspl | Recessed volume control & screw terminals |
| WBS8T725V | 6 oz. | 50 Hz - 12 kHz | 95 dBspl | Recessed volume control |

Vandal-Resistant Speakers

Ensures that sound communications gets through reliably, despite being located in environments susceptible to damage and destruction. Assembly includes a 3" plastic cone speaker, securely located and protected behind steel barriers. Grille openings are cross-positioned so that nothing can enter the speaker. Mounts with one-way security screws (included). 1/2-watt speaker power on 25V speaker line. Optional low impedance 8-watt speaker operation. Dimensions (W x H x D) in inches are 5 1/2 x 7 3/4 x 1 3/4.



| Part # | Description |
|--------|-------------------------------|
| VRS1 | Unbreakable metal call-button |
| VRS2 | Without call button |

Surface-Mount Easy Install™ Ceiling Speakers

Carries voice message with clarity anywhere dependable communication is required. No tool installation. Contemporary, low-profile design. Two specially-designed mounting studs easily pierce standard ceiling tiles up to 2" thick which means no clean-up. Two custom-designed, easy-to-handle wing nuts provide a secure mounting for the speaker to the ceiling tile. Durable ABS plastic shell. For use on 70V systems. Wire-wound volume control is an integral part of the design. Wide dispersion of sound. Diameter is 9 1/2". Depth is 3" from tile surface. Frequency response is 125 Hz - 15 kHz. Sensitivity is 90 dBspl (1 watt @ 1 meter).



| Part # | Description |
|--------|--|
| SM1EZ | One-watt, single tap speaker |
| SM4T | Four-watt, multi-tap speaker with settings of 4, 2, 1, 1/2 and 1/4 watts - Settings are rotary-switch selectable (there are no transformer wires to deal with) |

Easy Design™ Ceiling Speaker

Pre-assembled ceiling speaker comprised of an 8" cone speaker and steel ceiling grille painted with white enamel. Includes a volume control knob and rear-mounted screw terminal board for easier electrical connection. One-watt single-tap design. Screw terminal connections for fast installation. Designed for 70V amplifier output. Dimensions are 13" diameter x 3 1/4" depth. Frequency response is 50 Hz - 12 kHz. Sensitivity is 95 dBspl @ 4 ft/1W input.



Part # CS1EZ

Easy Design™ Horn Loudspeakers

Made of weatherproof all-metal construction. Ideal for both indoor and outdoor use. All models come with swivel and tilt mounting bases for greater flexibility in setting the angle of projection. Single-tap design. HS7EZ features 12" lead wire for electrical connections. HS15EZ and HS30EZ feature screw terminal connections for fast installation. Designed for 70V amplifier outputs. Stepped attenuator volume control. Textured mocha enamel.



| Part # | Frequency | Sensitivity | Dispersion | Dimensions |
|--------|-----------------|-------------------------------------|------------|----------------------|
| HS15EZ | 275 Hz - 14 kHz | 121 dBspl (4 ft/15W) input (@1 kHz) | 110° | 9" dia. x 9 1/4" d |
| HS30EZ | 225 Hz - 14 kHz | 125 dBspl (4 ft/30W) input (@1 kHz) | 100° | 11" dia. x 10 1/2" d |
| HS7EZ | 250 Hz - 14 kHz | 105 dBspl (4ft/7.5W) input (@1 kHz) | 120° | 6" dia. x 4" d |

Easy Design™ Wall Baffle Speaker

Pre-assembled with an 8" cone speaker enclosed in a simulated walnut-finished wooden enclosure with a black grille cloth on front and a recessed volume control. One-watt single-tap design. Screw terminal connections for fast installation. Designed for 70V amplifier output. Recessed volume control. Frequency response is 50 Hz - 12 kHz. Sensitivity is 95 dBspl @ 4 ft/1W input. Dimensions (W x H x D) are 9 1/2" x 9 1/2" x 5 1/4" (3 1/4" depth at bottom).



Part # WB1EZ

Sound Columns

Provides effective sound reinforcement for installations with large areas, using a minimum number of speakers. Each column has a vertical array of speakers. Works with 8-ohm speaker systems. Four 5" speakers (SCW20) or six 6" speakers (SCW35). Controlled sound projection. Uniform sound level. Reduced feedback. Clear and intelligible speed reproduction. Polarized screw terminals. Acoustically lined, particle board construction: 3/8" (SCW20), 1/2" (SCW35). Simulated oil walnut, black grille. Mounting hardware included.

| Part # | Max. Power Cap. (W) | Freq. Response | Sensitivity (dBspl@1W) | Dispersion Angle | Dim. (W x H x D) |
|--------|---------------------|----------------|------------------------|------------------|-------------------|
| SCW20 | 20 | 80 Hz - 14 kHz | 100 | Vert-45, Hor-90 | 7 1/2" x 20" x 5" |
| SCW35 | 35 | 70 Hz - 16 kHz | 105 | Vert-25, Hor-120 | 9 1/2" x 42" x 6" |

Drop-In Ceiling Speakers

Full-range speaker is quick and easy to install. 2'x2' design fits into 2'x2' and 2'x4' suspended ceiling tile spaces (support rail crossbar included for 2'x4' ceilings). Finely perforated grille covers entire front of speaker panel. Fully enclosed, industrial grade steel construction. Front-mounted, recessed volume control. Self-contained 1-watt amplifier. 8" main cone speaker. Non-reflective white finish. Complies with UL-2043. 23-7/8"Wx5"Hx23-7/8"D.



Part # ACD2X2

Tile Bridge

Load-bearing support. Designed to mount behind a ceiling tile, this steel bridge will distribute the weight of a speaker, grille and protective enclosure onto the ceiling grid. Dimensions (W x H x D) 23 3/4" x 3/4" x 14 1/2".



Part # TB8

Audio/Video - Speakers & Accessories

BOGEN®

Ceiling Speaker Enclosure

A protective steel enclosure for an 8" ceiling speaker. Designed to work with the TB8 Tile Bridge to allow ceiling speakers to be suspended from the buildings structure if required. Multiple knockouts are available for conduit connections and a foam insert improves audio performance. UL approved. 12 1/4" dia x 4 1/2" d.



Part # RE84

Mounting Ring

A steel ring that can be used to mount ceiling speakers in applications that do not require the support of a tile bridge (applications other than suspended ceilings). Dimensions are 12" dia. x 3/4" d.

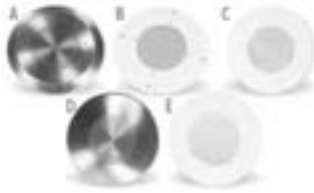


Part # MR8

Grilles

Attractive ceiling grilles in white enamel or aluminum finishes. Each grille is shipped with the hardware needed to mount a speaker to the grille.

*Features hidden speaker mounting studs.



| Part # | Figure | Finish | Style | Diameter |
|--------|--------|----------------|--------------|----------|
| CG8A | A | Satin aluminum | Contoured | 12 5/8" |
| CG8AW | B | White enamel | Contoured | 12 5/8" |
| PG8A | D | Satin aluminum | Low profile | 13" |
| PG8W | E | White enamel | Low profile | 13" |
| SG8W | C | White enamel | Low profile* | 13" |

Wall Baffle

Ruggedly constructed of 3/8" particle board with reinforced corners. Finished in simulated walnut and will house any of Bogen's 8" speakers. A sloping front panel provides enhanced downward dispersion. Hardware for mounting a speaker to the baffle included. Dimensions (W x H x D) are 9 1/2" x 9 1/2" x 5 1/4" (3 1/4" deep at bottom).



Part # WB8



Spec-Grade™ Sound Indoor and Outdoor Speaker - 6.5 Inch

Indoor and outdoor speakers take installed home audio to a new level of technical innovation and value. With features and technologies equal to the highest-rated brands, they offer designer sound without the designer price tag. Use with Leviton's innovative, exclusive Decora Strauss Transformer-Free Volume Control and Leviton's SpecGrade Sound System Matching Module to form a complete system. Speakers feature 2-way balanced precision crossover network with AutoSurge circuit protection. In-Ceiling/In-Wall loudspeakers feature paintable grille and frame. Outdoor Loudspeakers feature polypropylene enclosure, gold-plated binding posts, and aluminum mounting. Power handling is 120W peak/60W RMS.



Part # SGC65-W



Speaker Cable

Feature the industry's highest strand counts of oxygen-free high conductivity copper (OFHC) and ultra-flexible, high-luster, non-grip PVC jacketing.

| Part # | Description |
|---------------|---|
| AKS-10DTP-250 | Mega-10 Translucent Speaker Duplex 10AWG 250 ft. |
| AKS-12DTP-250 | Mega-12 Translucent Speaker Duplex 12AWG 250 ft. |
| AKS-12DTP-500 | Mega-12 Translucent Speaker Duplex 12AWG 500 ft. |
| AKS-16DTP-50 | Mega-16 Translucent Speaker Duplex 16AWG 50 ft. |
| AKS-16DTP-250 | Mega-16 Translucent Speaker Duplex 16AWG 250 ft. |
| AKS-16DTP-500 | Mega-16 Translucent Speaker Duplex 16AWG 500 ft. |
| AKS-16FWH-500 | Flat-16 White Speaker Duplex 16AWG 500 ft. (Home Theater Sound Cable) |



Miniature PM Speakers

These high-quality speakers are equally suited to the volume producer of electronic devices and to the individual experimenter or hobbyist.



| Part # | Type | Size |
|--------|---------------------------------|---------------------------|
| 707 | Square Type | 1-1/2" Mtg. Ctrs.-1-9/32" |
| TS20 | Full Round Type Without Flanges | 2" |
| TS27 | Square Type | 3" Mtg. Ctrs.-2-5/16" |
| TS31 | Full Round Type Without Flanges | 4" |

4" Speaker

Fine quality replacement speaker. 4" Speaker with 1.7 oz. ceramic magnet. Speaker is 8 ohm impedance rated at 5 watts.



Part # TS40



6.5" and 8" In-Ceiling Speakers

EZ mounting tabs for quick installation. 30 watt RMS with a frequency response of 63 to 20,000 Hz.



| Part # | Size |
|--------|------|
| SP-6C | 6.5" |
| SP-8C | 8" |

All Weather Design Speakers

Ideal choice for both indoor and outdoor sound installations. Weatherproof. Supplied with durable hardware including adjustable aluminum mounting brackets for multiple mounting options. The grilles are manufactured from fine mesh aluminum for protection and finish. To order white, add "W" to end of part number. Example: SP-5AWD-W.



| Part # | Description |
|-----------|---|
| SP-5AWD | 5.25" black outdoor speaker pair |
| SP-6AWD | 6.5" Black outdoor speaker pair |
| SP-5AWD/T | 5.25" Black outdoor speakers with 70/25V Trans pair |
| SP-6AWD/T | 6.5" Black outdoor speakers with 70/25V Trans pair |



Audio/Video - Speakers & Accessories



MA Series 70/25V Commercial ABS Plastic Back Can Speakers

All-in-one unit, pre-assembled with a back can and mounted transformer, features a quick flip 70 or 25 volt selector switch and an easy select transformer wattage dial featuring the choice of 8 or 9 individual wattage tap settings covering your complete range of needs. This flame-retardant, ABS unit also comes with insulated wires, has an attached metal safety loop and easy mount tabs for securing the unit.



| Part # | Size |
|----------|-------|
| SP-5MA/T | 5.25" |
| SP-6MA/T | 6.5" |

Nexus Contractor Line 70/25V Metal Back Can Commercial Speakers

Heavy-duty, industrial metal back cans provide component protection and safety while at the same time enhancing the speakers' full-range bass sound as does the speakers' ported design. Removable, snap-connection speaker wire to the NXC Series as a wattage selector dial makes transformer wattage setting as easy as a quick turn. Brackets included.



| Part # | Size |
|-----------|-------|
| SP-4NXC/T | 4" |
| SP-5NXC/T | 5.25" |
| SP-6NX/T | 6.5" |

In-Ceiling Enclosed Speakers

Features a plastic enclosure backbox, which acts as a protectorate from dust, dirt, and other construction debris, and aids in the projection of sound into a room. EZ mounting tabs. Polypropylene cone woofer and a mylar tweeter. 35 watt RMS with a 100 watt maximum and a sensitivity of 90 dB. Frequency range of 65 to 20,000 Hz (6 1/2 speaker) or 50 to 20,000 Hz (8 inch speaker).



| Part # | Speaker Size |
|---------|--------------------|
| SP-6ECS | 6 1/2 inch speaker |
| SP-8ECS | 8 inch speaker |

Ciela™ Surround Speakers

Features crystal clear and powerful sound reproduction. Ample RMS power ratings. Wide frequency responses. High-power, dual-woofer, shielded center channel speaker. High-power, passive, udal voice coil subwoofer. Recessed in-wall mounting. Easy mount tabs.

6.5" In-Wall Speaker System

6.5" injection-cone with rubber surround. Titanium dome pivoting tweeter. 60 watts RMS/100 watts max. Frequency response: 60Hz - 20kHz. 12 oz. magnet. 8 Ohms. 8 3/4"W x 12 1/4"H x 3 1/2"D. 3dB switches for woofer and tweeter. Mounting bracket BRW-6.



Part # SP-6CLW



Ciela™ Surround Speakers (cont.)

8" In-Wall Speaker System

8" injection-cone with rubber surround. titanium dome pivoting tweeter. 80 watts RMS/120 watts max. Frequency response: 50Hz - 20kHz. 12 oz. magnet. 8 ohms. 10 1/4"W x 14 1/4"H x 4"D. 3dB switches for woofer and tweeter. Mounting bracket BRW-8L.

Part # SP-8CLW

8" In-Wall Subwoofer

8" Polypropylene woofer with rubber surround. 100 Watts RMS / 160 watts max. Frequency response: 40Hz - 140Hz. 20 oz. magnet. 10 1/8"W x 10 1/8"H x 4 1/4"D. 8 ohms. Dual voice coil. Mounting bracket BRW-8SW.



Part # SP-8CLSW

6.5" In-Ceiling Speaker System

6.5" Injection-cone with rubber surround. Titanium dome pivoting tweeter. 60 Watts RMS / 100 watts max. Frequency response: 60Hz - 20kHz. 12 oz. magnet. 8 ohms. 9" diameter x 4"D. Mounting bracket BRC-6F.



Part # SP-6CLC

8" In-Ceiling Speaker System

8" Injection-cone with rubber surround. Titanium dome pivoting tweeter. 80 Watts RMS / 120 watts max. Frequency response: 50Hz - 20kHz. 12 oz. magnet. 8 ohms. 11" diameter x 5 3/4"D. Mounting bracket BRC-8L.

Part # SP-8CLC

Center Channel Speaker

5.25" Injection-cones with rubber surrounds. Titanium dome pivoting tweeter. 80 Watts RMS / 140 watts max. Frequency response: 65Hz - 20kHz. 8 oz. magnet. 8 ohms. 17 1/2"W x 8 3/4"H x 3 3/4"D.



Part # SP-5CLCC

Weatherproof Rock Speakers

Speco Technologies offers a full line of weatherproof rock speakers that seamlessly blend into the environment for outdoor settings.



| Part # | Description |
|-------------|------------------------------|
| SP-RK65CB | 6.5" Brown Coaxial |
| SP-RK65CG | 6.5" Granite Coaxial |
| SP-RK8G | 8" Granite |
| SP-RK8B | 8" Brown |
| SP-RK65CBD | 6.5" Brown Dual Voice Coil |
| SP-RK65CGD | 6.5" Granite Dual Voice Coil |
| SP-RK65CG/T | Brown 6.5" Granite 70/25V |
| SP-RK65CB/T | Granite 6.5" Brown 70/25V |

Audio/Video - Speakers & Accessories



Epitome® Speakers

Mounting is a snap with Epitome's exclusive "Easy Mount" system. After speaker wires have been connected, just insert the speaker in the wall and tighten each of the four screws with a hand screwdriver. 8 Ohms.



Stand Alone Speakers

| Part # | Description | Watts Max/RMS | Freq. Response | Ohms | Dim. HxWxD (in.) |
|---------|-------------------------|---------------|----------------|------|------------------------|
| 30-3532 | Center channel speaker | 100/50 | 150Hz - 20kHz | 8 | 5 3/4 x 14 1/2 x 5 1/4 |
| 30-3581 | Bi-directional speakers | 120/(n/a) | 250Hz - 20kHz | 4 | 7 1/2 x 3 3/4 x 4 1/8 |
| 30-3583 | Bi-directional speakers | 100/50 | 250Hz-20kHz | 4 | 7 x 3 7/16 x 4 3/4 |
| 30-3511 | Indoor/Outdoor speakers | 80/(n/a) | 50Hz-20kHz | 8 | 8 1/2 x 5 5/8 x 4 3/4 |

In-Wall Stereo Speakers

| Part # | Description | Watts Max/RMS | Freq. Response | Dim. HxWxD (in.) |
|---------|-------------------------------------|---------------|----------------|--------------------------|
| 30-4050 | 2-Way in-wall speaker | 60/30 | 50-20 kHz | 7.5 x 11 x 2.75 |
| 30-4060 | 2-Way in-wall speaker | 70/35 | 40-20 kHz | 12 x 8.62 x 3.25 |
| 30-4080 | 2-Way, non-swivel in-wall speaker | 100/50 | 35-20 kHz | 4.12 x 10 x 3.5 |
| 30-4083 | Dual voice coil sub in-wall speaker | 100/50 | 30-600 Hz | 14.12 x 10 x 3.63 |
| 30-4051 | 2-Way round in-wall speaker | 60/30 | 70-20 kHz | 8.0 dia. x 3.0 depth |
| 30-4063 | 2-Way round in-wall speaker | 80-40 | 65-20 kHz | 9.125 dia. x 3.125 depth |

Oxygen Free PowerFlex™ Component Speaker Wire

Low capacitance cable for use in high definition speaker systems. Rope lay designed to increase the conductive surface, reduce "skin effect" and maximum flexibility. 300 volts.



| Part # | AWG | Stranding | Ins. Nom. Wall Thick | Insulation | Nom. OD | Avail. Lgth (ft.) |
|-------------|-----|-----------|----------------------|--------------------|-------------|-----------------------------|
| 30-581 | 10 | 413/36 | .070 | Flexible PVC | .270 x .540 | 25, 100, 250, 500 |
| 30-583 | 12 | 259-36 | .055 | Extra Flexible PVC | .205 x .415 | 25, 100, 250, 500 |
| 14-214-2Q23 | 14 | 19/27 | .025 | Clear PVC | .120 x .240 | 50, 100, 500 |
| 14-216-2F13 | 16 | 19/29 | .025 | Clear PVC | .105 x .205 | 25, 50, 100, 250, 500, 1000 |
| 30-584 | 18 | 16/30 | .025 | Clear PVC | .100 x .200 | 25, 50, 100, 250, 500, 1000 |
| 30-553 | 20 | 7/28 | .025 | Clear PVC | .085 x .170 | 25, 50, 100, 500, 1000 |
| 14-222-2C13 | 22 | 7/30 | .020 | Clear PVC | .070 x .140 | 25, 50, 100, 500, 1000 |
| 30-586 | 24 | 7/32 | .016 | Clear PVC | .055 x .110 | 25, 50, 100, 500, 1000 |



For additional
Speaker Wire - See the
Wire & Cable Section

Audio/Video - Headsets

BOGEN

Headset Accessories



| Part # | Type | Description |
|--------|-------------------|--------------------------------|
| YTRAIN | Headset Adapter | Length is 40" |
| EXD | Headset Cable | Length is 10" |
| REP100 | Headset Earpads | 1 7/8" Diameter, Bag of 100 |
| REP2 | Headset Earpads | 1 7/8" Diameter, Bag of 2 |
| REP25 | Headset Earpads | 1 7/8" Diameter, Bag of 25 |
| WSO100 | Headset Windsocks | 3/4" L x 1/2" Dia., Bag of 100 |
| WSO2 | Headset Windsocks | 3/4" L x 1/2" Dia., Bag of 100 |
| WSO25 | Headset Windsocks | 3/4" L x 1/2" Dia., Bag of 25 |

MANHATTAN
BANGING COMPUTERS TO LIFE

Stereo Headset

Stereo headphone with foam earpads. Microphone for hands-free communication. Adjustable volume control.



| Part # | Description |
|--------|---|
| 164429 | Stereo headset with adjustable volume control |
| 164436 | Stereo headset |

Single Ear Headset

6 ft. cord. 3.5mm plug. Flexible boom microphone.



Part # 173070

Economy Headphones

4 ft. cord. 3.5mm plug.



Part # 172479

Speaker/Headset Switching Hub

Easily switch between speakers and headset. Volume control. 3.5mm plug for speakers and headset. 2.5mm plug for hands-free earphones. On/Off switch for microphone. 5 ft. cord.



Part # 172851

Wireless Stereo Headphone

Self-adjusting inner headband. Adjustable volume control. Direct line-of-sight with receiver not required. Effective range up to 100m/360°. Quickly connects to audio output of PCs, TVs, VCRs, etc. Adjustable frequency tuning for optimum performance. Battery charger in transmitter. Automatic power on/off.



Part # 171199

Noise Cancelling Stereo Headphones

Active and passive technology reduces background noise in air-line cabins and busy offices. Adjustable headband and padded ear cushions provide comfortable fit and wear. Connects via standard 3.5mm stereo plug to most media sources; in-line battery pack provides up to 30 hours of use.



Part # 176163

MANHATTAN
BANGING COMPUTERS TO LIFE

Bluetooth Monaural Headset

Lightweight, wireless connection for most Bluetooth-enable mobile telephones - also supports Skype. Easily pairs with notebook PCs and other Bluetooth-enable devices to receive wireless audio. Versatile design offers earplug with flexible clip for all-day comfort or earphone for harsh weather and outdoor activities. UP to six hours of continuous talk time and 200 hours of standby time. Easy set-up - no drivers required.



Part # 175340

Home Theater Headset

Detachable, adjustable microphone. Adjustable, padded inner headband. 5.1 Channel Surround Sound. 8 individual speakers: 2 front, 2 rear, 2 center, 2 subwoofer. Adjustable channel volume control. Bass response/speaker vibration. Connects directly to DVD players, home theater systems and PCs. Built-in amplifier chip.



Part # 172400

Ear-Hook Stereo Headset

Comfortable padded earphones. Adjustable ear-hooks for secure fit. Lightweight design for comfort. Adjustable volume control.



Part # 175494

Wrap-Around Stereo Headset

Comfortable padded earphones. "Behind-the-Neck" headband prevents hair style damage. Flexible stainless steel microphone boom for hands-free communication. Padded microphone eliminates pop noise. Durable cable with nylon mesh protective jacket. Adjustable volume control.



Part # 175524

philmore

Concert Hall MediaStar Headset

This top of the line Concert Hall MediaStar Headset features large, 40mm Neodymium magnet speaker assemblies. Frequency response from 14hz to 20 KHz; maximum input power up to 100 mW. Impedance, 32 ohms @ 1000 Hz. Supplied with a 1.2 meter (47") cord terminated in a 3.5 mm mini phone plug. Sensitivity is 110 db.



Part # 71-1859

MediaStar Cool Headset

3.5mm miniature phone plug cord. Ear pieces cover entire ear. Frequency response is 14 to 22,000 Hz. Sensitivity is -115 db. Impedance is 32 ohms and maximum input is 110 mW. Driver magnet is cobalt. Hi-fi electroacoustics system.



| Part # | Description |
|---------|--------------------|
| 71-1891 | Business, Monaural |
| 71-1892 | MultiMedia, Stereo |

MediaStar Graduate

Standard fit, over the head band, 47" cord. Light in weight. Foam ear pads. 14 to 20 KHz frequency range and sensitivity of 110 db. Input power, 100 mW & impedance is 32 ohms. Driver magnet is cobalt 27mm.



Part # 71-1853

Audio/Video - Headsets



MediaStar Earbuds

Supplied with a 1.2 meter (47") length cord terminated in a right angle miniature phone plug. Impedance is 32 ohms. The Neodymium magnet drive structure will have a better response at the very low and hi-treble ends of the spectrum. All models responsive from 14 through 20,000 Hz.



| Part # | Driver Magnet | Sensitivity |
|---------|---------------|-------------|
| 71-1834 | Cobalt | 110 db |
| 71-1836 | Cobalt | 110 db |
| 71-1837 | Neodymium | 113 db |

MediaStar The Guitarist

The speakers are just inside the ear openings. Sensitivity is 115 db and frequency response is at 14 Hz through 22,000 Hz. Supplied with a 1.2 meter (47") cord with 3.5mm miniature stereo phone plug. Cobalt driver magnet.



Part # 71-1857

Replacement MediaStar

This standard lightweight headphone is for general replacement for the unit that arrived with your personal stereo. This feather weight still has a 110 db sensitivity and provides excellent sound via the pure cobalt ear-piece speakers; range 18 Hz to 20 KHz. Standard 47" cord and mini stereo plug, 32 ohm impedance. Adjustable head band.



Part # 71-1850



MediaStar Cool Headset

3.5mm miniature phone plug cord. Ear pieces cover entire ear. Frequency response is 14 to 22,000 Hz. Sensitivity is -115 db. Impedance: 32 ohms & maximum input:110 mW. Driver magnet is cobalt. Hi-fi electroacoustics system.



Part # 71-1856

Stereo Headphone Extension Cable

15 Ft. Mini-Stereo Headphone Extension Cord

When greater distance is required between you and your mini-stereo - get an extra 15 ft. without loss of fidelity due to the extension between the audio device and the headphone. A mini stereo plug (1/8") is at one end of the black curly cord and a mini stereo jack (1/8") at other end.



Part # RC15

25 Ft. Universal Stereo Headphone Extension Cord

25 Ft. of flexible 3-conductor cable enables the Hi-Fi enthusiast to enjoy stereo music in complete comfort anywhere in the room. Supplied with 1/4" 3-circuit plug on one end and a 3-circuit jack on the other end.



Part # SEC25

Audio/Video - Amplifiers & Accessories



Black Max™ Power Amplifiers

Designed to provide maximum performance in constant voltage speaker systems. Dual 70V transformerless outputs. High efficiency class H amplifier design and the auto-sleep feature aid in reducing power consumption on continuously-powered systems. Rear-mounted volume controls, independent low-cut filters on each input, and pluggable input terminal strips were specifically designed for the fixed install market. Built-in power sequencing for multiple Black Max amplifiers combat current in-rush problems of large audio systems. Mounts in 2 rack spaces (3 1/2") directly stackable without need for extra space above or below. Easily removable front fan grilles with filters.



| Part # | Watts Per Channel |
|--------|-------------------|
| X300 | 300 watts |
| X450 | 450 watts |
| X600 | 600 watts |

M-Class Modular Amplifiers

Three mono power levels: 600W, 900W or 1200W or 70V speaker systems. Three stereo power levels @ 4 ohms. Low noise, low distortion and high slew rate. Flexible modular input capability. Professional, high-impedance, balanced stereo input module. Three selectable low-frequency, roll-off choices. 2x1 mixer function when in mono modes. Insert connections for out-board equipment (in mono modes). Clip limiting circuits for speaker protection. Mounts in 2 rack spaces (3 1/2") directly stackable. Easily removable front fan grilles with filters. Stable into 2-ohm loads.



| Part # | Power Level |
|--------|-------------|
| M300 | 300 watts |
| M450 | 450 watts |
| M600 | 600 watts |



Power Vector Modular Amplifiers

Capable of handling 70V, 25V, 8-ohm and 4-ohm speaker loads. Eight input module bays. Wide selection of advanced input modules. Four level of priority between modules. Eleven-segment LED output level meter with Peak and Average switch. Motorized master volume control that can be remotely operated (requires RVCP). Bass and treble controls/bypass switch. Two rack spaces high (3 1/2").



| Part # | Power |
|--------|-----------|
| V100 | 100 watts |
| V150 | 150 watts |
| V250 | 250 watts |
| V35 | 35 watts |
| V60 | 60 watts |

Pro-Matrix Series

Provides three fully independent audio channels that can use any of the six different inputs in vastly different ways. Auto-switching of inputs based on custom assigned priorities and input audio activity. Four High-impedance, unbalanced auxiliary inputs. Two microphone inputs; one input can be programmed to accept a telephone line for paging. Auxiliary trim controls accommodate a wide range of auxiliary input signal levels. Wireless infrared remote control unit. Detachable front panel can be mounted up to 25 feet away from main unit using included accessory cable or up to 250 ft. with optional mounting kit.



Digitally Matrixed Amplifier

100, 60 and 20 watt amplifier channels. 8-ohm, 70V and 25V transformer coupled outputs. 4-ohm direct output. Audio inserts for connection to external signal processing equipment.

Part # PM3180



Audio/Video - Amplifiers & Accessories

BOGEN

**Pro-Matrix Series
(cont.)**

Digitally Matrixed Pre-Amp

Three pre-amp level outputs, both balanced and unbalanced. Ground Lift switch.



Part # PM3000

Gold Seal Series Amplifiers

Seven inputs: 4 MIC (Lo-Z), 1 AUX (Hi-Z), 1 MIC/TEL, 1 MIC/AUX. 4-ohm, 8-ohm, 25V, 25VCT and 70V outputs. Dual-function, 10-band graphic equalizer (acoustic EQ/feedback control). Aphex® Aural Exciter for improved intelligibility. Automatic level control. Switchable phantom power supply. Variable Aux input muting. Remote master volume control capability. Input muting via contact on all inputs. Voice-activated Aux muting on Tel input. Aux fade back after Tel page. Pre-amp out/power amp in connections. Booster amp output connection. Tape output connection. Low-cut filter for Mic channels. Thermal and overload protection. Three-speed cooling fan (GS250 only). Rack-mountable with accessory mounting kit (2 rack spaces). UL and CSA Listed.



| Part # | Wattages |
|--------|----------|
| GS100 | 100 |
| GS150 | 150 |
| GS250 | 250 |
| GS35 | 35 |
| GS60 | 60 |

Accessories

| Part # | Description | Dimensions |
|--------|---|--------------------------|
| GSRVC | Gold Seal Amps - Remote Volume Control | 2 3/4" x 4 1/2" x 1 3/8" |
| GSTRC | Gold Seal Amps - Security Cover | 14 3/4" x 3 1/2" x 1" |
| PVSC | Power Vector Amps - Security Cover | 15 1/2" x 3 1/8" x 1/2" |
| RVCP | Power Vector Amps - Remote Volume Control | 1 3/4" x 4" |

Classic Series Amplifiers

Provides mixing of microphones, telephone and auxiliary sources. Output jacks allow a tape recorder or an additional booster amplifier to be connected. AUX muting with external contact closure or automatic with TEL. Screw terminal connection for microphones. Thermal protection and electronic shutdown. User friendly controls. Rack-mountable with accessory mounting kit (2 rack spaces). UL and CSA Listed.



Three inputs: 1 MIC (Lo-Z), 1 TEL, plus 1 selectable MIC or AUX. MOH output: 600-ohm @ 1V, 8-ohm @ 1W, and output level control. No paging heard on MOH output.

| Part # | Description |
|--------|--|
| C10MOH | 10 watts with built-in MOH (music-on-hold) outputs |
| C10 | 10 watts |
| C20MOH | 20 watts with built-in MOH (music-on-hold) outputs |
| C20 | 20 watts |

Four inputs: 1 MIC (Lo-Z), 1 AUX (Hi-Z), 1 TEL, plus 1 selectable MIC or AUX. Output jack to connect a tape recorder or booster amplifier.

| Part # | Description |
|--------|-------------|
| C100 | 100 watts |
| C35 | 35 watts |
| C60 | 60 watts |

BOGEN

Compact Utility Amplifier

Rugged, compact amplifier designed to meet the requirements of continuous low-power audio applications, especially telephone line "music-on-hold" amplification; to drive monitor speakers, headphones; or as a line amplifier. 1.5 watt. One input: AUX (Hi-Z). 8-ohm or 600-ohm outputs. 200 Hz - 15 kHz frequency response. Sensitivity is 50 mV. 120V AC operation. 4W power consumption. 5 1/2 foot AC power cord included. Wall-mountable design. UL Listed.



Part # GA2

Dual-Input Utility Amplifier

Dual-input amplifier with a wide variety of smaller applications including background music, relaying communications from one room to another, or sound reinforcement. 6-watts. Two inputs: 1 MIC (Lo-Z), 1 AUX (Hi-Z). 8-ohm, 25V or 70V outputs. 30 Hz - 12 kHz frequency response. Sensitivity is .3 mV, mic; .2V, Aux. Thermal and over-current circuit breakers. Internally adjustable tone control. 16W power consumption.



Part # GA6A

Power Amplifiers

Safely drive loads continuously at full (RMS) power, in ambient temperatures of up to 120°F. Overload protection includes an electronic shutdown circuit and a thermal breaker. Convection-cooled. Power MOS-FET output circuitry. Hi-Z unbalanced and Lo-Z balanced or unbalanced input with accessory transformer (TL600). Internal lo-cut filter switch. 90 dB signal-to-noise. Input sensitivity: Hi-Z, 500 mV; Lo-Z, 100 mV (HTA125A), 150 mV (HTA250A). 4- and 8-ohm, 25V and 70V outputs. Line bridging (driving multiple amplifiers) is possible with an accessory transformer (TL100). 19" rack-mount design (3 rack spaces).



| Part # | Watts | Power Consumption |
|---------|-------|-------------------|
| HTA125A | 125 | 260W |
| HTA250A | 250 | 520W |

A highly versatile, high-power performer; delivering 250 watts of power with battery backup capability. One input: Hi-Z unbalanced. Lo-Z balanced input with accessory transformer. 8-ohm, 25V, 25VCT, 70V and 100V outputs. Operates from 120V/240V AC or 24V back-up battery (not included). Battery-saver circuit reduces ideal current. Sensitivity is 1 volt @ full rated power, Hi-Z; 70-200mV, Lo-Z. Protection against line surges, overloads and abnormal heat build-up. AC power consumption is 650 watts, full power; 30 watts, standby. LED overload shutdown and illuminated power indicators. Lo-cut filter switch and input level control. Rack-mountable (3 rack spaces). UL Listed.



Part # MT250D

Supplies 60 watts of power amplification for professional and commercial sound systems requiring continuous high-quality sound. One input: Hi-Z unbalanced. Lo-Z balanced input with accessory transformer. Input level control and low-cut filter switch. 8-ohm/25V, 16-ohm, 25VCT and 70V outputs. Sensitivity is 300mV, Hi-Z; 75mV, Lo-Z. Resettable circuit breaker and thermal protection. Operates with 25V and 70V systems. 120V AC, 60 Hz, 180W @ full rated output. Rack-mountable with accessory mounting kit: RPK53 (2 rack spaces). UL and CSA Listed.



Part # BPA60

BOGEN

MIC/Line Mixer/Pre-Amplifier

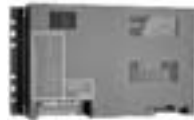
Five-input mixer/pre-amplifier. Four professional, low-impedance, balanced microphone input through XLR connector and one auxiliary port. Individual Phantom Power switches for each input allow the use of both dynamic and condenser microphones on the same unit. A bridging input permits simple interconnection of multiple CAM2 mixers for system expansion without the need to sacrifice any mixer inputs. Wide frequency response, low distortion, low-noise and high channel crosstalk isolation ensure superior sound quality. Balanced mixer output can be switched between line level (+4 dBu) or microphone level (-50 dBu) for compatibility with a wide range of sound processing equipment. Master control volume. Five segment LED output level meter. UL and CSA Listed. Compact size. Rack- or wall-mounted with RPK35B or WMK1.



Part # CAM2

Telephone Paging Amplifiers

Provides signal-activated, automatic muting of background music during a telephone page, and gradual return of music following a page. Separate volume controls for mic, paging, background music and night ringer. Wall-mount design provides minimum protrusion from backboard (TPU250 can also be rackmounted).



Three inputs: 1 TEL, 1 MIC (Lo-Z), 1 AUX (Hi-Z). Separate MIC input for low-impedance push-to-talk microphone (TPU-B models only). Music input - mutable by external contact closure (TPU-B models only) or activity on TEL input. Built-in night ringer can be activated from 90V ring signal (TPU-B models only) or external contact closure).

| Part # | Output Power (Watts) |
|---------|----------------------|
| TPU100B | 100 |
| TPU250 | 250 |
| TPU35B | 35 |
| TPU60B | 60 |

Two inputs: 1 TEL, 1 AUX (Hi-Z).

| Part # | Output Power (Watts) |
|--------|----------------------|
| TPU15A | 15 |

Talkback Amplifier

Permits loudspeakers to be used as microphones to provide hands-free, two-way conversations through the paging system. (Page port connection should be a duplex line for talkback applications.) In the idle state, the amplifier uses the attached speakers as microphones and feeds this signal out to a telephone line. Hands-free 2-way conversations through the paging system. Works on 25V and 70V speaker systems. Mute input forces amplifier into page mode. Wall or 19" rack mount. Resettable circuit breaker with thermal protection.



Part # TBA15

Single-Zone Telephone Interface

A single-zone telephone interface that is compatible with all standard analog port types. A background music (BGM) input with variable muting. An additional audio output provides a "page only" function (no BGM) for application flexibility. Built-in 24V DC, 1A power supply. Paging volume controls are provided for each of the outputs. An output limiter function, with limiter active indicator, provides consistent page volume. Contact triggered tones and night ring signals, as well as programmable AUX relay contacts, are all programmed using DTMF tones through the dual purpose override input. Plug-in terminal strips provide for easy installation. An optional security cover/rack mount kit (RPKUT11) is available.



Part # UT11

BOGEN

Multi-Zone Telephone Interface

Expandable from 3 to 12 zones in 3 zone increments using ZX3 expansion modules. Each zone has its own buffered paging output (150 speaker drive capacity) with volume control, a C-form relay contact and "zone active" indicator. Each module includes a pluggable 24V DC power distribution terminal strip and pluggable terminal strips for each zone for easy wiring. A built-in 24V DC, 1A power supply is provided for powering amplified speakers. The UTI312's universal telephone interface is identical to the UT11. Two background music (BGM) inputs, with volume controls, provides each zone with a choice of BGM sources or no BGM. Two tone triggers are available as well as a 90V night ringer input.



Part # UTI312

PCM2000 Paging System

Provides robust zone paging for applications requiring 1 to 99 zones, and up to 32 paging zone groups. Its multi-function modules ensure flexibility and future expansion, with minimum time and expense. Emergency All-Zone Override Paging input. All-Call function can be disabled. 250-watt power handling capacity (separate amplifier required). Operating with 70V and self-amplified (24V) paging system. No interruption of background music in zones not being paged. Night Ring activated from 90V ring signal or contact closure. Night Ring can be selected as either simulated ringer sound or chime. Code-Call capability using pleasant chime sound. Tone signaling can be directed into a specific group of zones; selected as tone burst, chime or 4 quick beeps; selected to follow state of contact closure input or preset burst length. Built-in real-time clock for time tones. Provides hands-free, 2-way talkback communications in 70V paging system. "Privacy Beep" can be enabled in talkback zones to prevent eavesdropping. *Separate amplifier required.



| Part # | Power Require. | Audio Power Capab.* | Operating Current | Dim. (W x H x D) |
|---------|--|----------------------|---------------------------|--------------------------|
| PCM2000 | 12V DC @ 1.5A Power Supply (not included - PCMPS2 recommended) | 250W (9-zone system) | 1.5A max. (9-zone system) | 1 1/2" x 7 1/2" x 4 1/4" |

Telephone Access Module

Loop start, ground start and station port (90V ring up) compatibility. 6000-ohm output. Built-in confirmation tone indicating access to paging system (defeatable). Built-in pre-announce tone produced over paging system before announcement (defeatable). Adjustable tone volume. Works with one-way and two-way (talkback) zones. Background music input with volume control. Suppresses background music during paging. Disconnect timer is adjustable from 6 to 35 seconds (defeatable). Silence interval timer is adjustable from 2 to 6 second of silence. Calling Party Control (CPC) signal from switch immediately disconnects station port. No power supply needed for station port interfacing. One normally open contact pair available for operating external equipment. Punch-block connections (type 66). Wall-mount design. FCC Part 68 approved. Dimensions are 8 1/8" x 4 1/2" x 1 7/8".



Part # TAMB

Zone Control Module

Three zone paging plus All-Call. Three easily programmable zone groups (1-3 zones in each). One-way and two-way paging (talkback operation requires TBA15 Talkback Amplifier). One-hundred watts total power handling capability. Background music input. Directly interfaces to paging ports (requires contact closures), loop start, and ground start trunks. Interfaces to station ports using TAMB Telephone Access Module. Selectable pre-announce and confirmation tones signal back through the handset and over the paging system. Built-in night ringer triggered from 90V ring or contact closure. Separate night ringer zone group. Separate volume controls for tones, night ring, and background music. 24V or 48V talk battery option. Wall-mount design. Industrial grade steel cabinet. External 24V DC @ 350 mA power



Part # ZPM3

Audio/Video - Amplifiers & Accessories

BOGEN

Input Modules

Supports different signal-source requirements, including the ability to interface to balanced and unbalanced high- and low-level inputs, stereo or mono, telephone systems and microphones. For M-Class and Power Vector Series only.



Balanced Input

Stereo, high-impedance, balanced inputs. Professional-quality, low noise performance. Mutable by higher priority modules. Variable ducking level when muted. Fade back from mute. Screw terminal connections.

Part # BAL1S _____

Bridging Input

Daisy chain multiple amplifier inputs. Gain/Trim control. Ground isolated input to eliminate ground loop. Input signal available at buffered output. Priority assignable. Variable ducking level when mute. Buffered output not muted. Bus assignable. RCA input and output connectors.

Part # BRG1R _____

Microphone Inputs - Electronic Balanced

Low-impedance. Gain/Trim control. Hi-Cut/Lo-Cut controls. Enhance control. Noise gate with Threshold control. Limiter with Threshold control. 24V Phantom power. Priority and Bus assignable.

| Part # | Description |
|--------|-----------------|
| MIC2S | Screw terminals |
| MIC2X | XLR connector |

Mono AUX Input

Unbalanced mono input module. Gain/Trim control. Bass and treble controls. Gate feature mutes lower priority modules. Mutable by higher priority modules. Variable ducking level when muted. Fade back from mute. Bus assignable. RCA connectors.

Part # MAX1R _____

Stereo AUX Input

Unbalanced stereo module. Gain/Trim control. Bass and treble controls. Gate feature mutes lower priority modules. Mutable by higher priority modules. Variable ducking level when muted. Fade back from mute. Stereo-to-mono summing option. Bus assignable. RCA connectors.

Part # SAX1R _____

Telephone Input

Loop start or ground start trunk interfacing. Dry loop interface to paging ports. Audio-activated paging in dry loop. Gain/Trim control; Noise gate and Limiter. Mutes lower priority modules. Mutable by higher priority modules. Bus assignable and Transformer-isolated. Screw terminal connections.

Part # TEL1S _____

Output Modules

Automatically insert themselves into the mix bus signal path leading to the power amplifier stage when installed. For Power Vector Series only.



Ambient Noise Sensor

Maximum Gain control. Ramp Speed control. Activity Threshold control. Ambient mic input threshold control. Stereo Aux input (summed mono). Aux level input control. Defeatable. Gradual fade back from mute. Connect up to 4 sensor mics (1 included). Mutable Input (lowest priority only).

Part # ANS1R _____

BOGEN

Output Modules (cont.)

Compressor Limiter

Compressor Ratio control. Threshold control. Make-up Gain control. Bypass switch. Unbalanced input. Gradual fade back from mute. Mutable Input (lowest priority only).

Part # CMP1R _____

Parametric Equalizer

Two full parametric bands. Frequency control. 'Q' bandwidth control. Gain control. Bass and treble control. Unbalanced input. Bypass switch. Mutable input (lowest priority only). Gradual fade back from mute.

Part # PEQ1R _____

PCM2000 Modules

Modules required for zone paging applications.



3-Zone Module

Provides 3 paging zone outputs. Increasing system capacity is as easy as adding additional modules, up to 3 zones at a time. The zone outputs can drive 70V or self-amplified speaker systems. Relay driver outputs mirror the state of each paging zone to control external equipment. If desired, the system-wide background music can be disconnected and a separate music source can be connected to any PCMZPM module. Background music can also be inhibited in any zone.

Part # PCMZPM _____

Central Processing Module

Controls system operation and holds all programmed parameters. One required for every three PCMZPM modules (9 paging zones).

Part # PCMCPU _____

Talkback Module

Allows 2-way, hands-free talkback communications throughout the paging system. The built-in real-time clock allows up to 8 user-scheduled time tones to be emitted in a specific group of zones. The clock can be synchronized with an external master clock. Only one PCMTBM is required for the entire system, when needed.

Part # PCMTBM _____

Telephone Interface Module

A universal interface connects to any type of telephone port, rapidly and trouble-free. Provides input for night ringer and emergency page override. One required per system.

Part # PCMTIM _____

MIC/Line Mixers

Eight-input, dual-bus MIC/Line mixers that combine superb performance with a generous array of simple-to-use features in a single-rack space design. Both models feature 8 independently assignable inputs switchable between MIC and Line. Each input has a trim control, a switchable low-cut filter, and a Main/Auxiliary bus output selector. Phantom Power is provided for condenser microphones. Pluggable terminal strip connections. Separate inputs and outputs. Direct bus connection for cascading multiple mixers. Gain/Trim control for each input. Input Level Control knob for each input. Output Level Control knob for Main and Aux outputs. Sealed potentiometers for low noise, long life.



| Part # | Description |
|---------|--|
| CAM8 | Mixer |
| CAM8PRO | Added features: Compressor/Limiter (Main output). Compressor/Limiter Bypass switch. Adjustable Threshold and Ratio Controls. LED Bar Graph Output Meter (Peak or Average). Headphone Output. |

Audio/Video - Amplifiers & Accessories

BOGEN

Tape Player and AM/FM Tuner

8-ohm @ 1W and 600-ohm stereo outputs. Stereo or mono operation. Balance control. Push-button tuner controls. Illuminated button. Rack-mountable (2 rack spaces) with accessory mounting kit. Cassette player. Tuner. Power requirements are 120V AC. Dimensions are 7 1/4" x 2" x 9 1/4".



Part # CR100A

FM Radio Receiver

Automatic Frequency Control prevents signal drift. LED indicator illuminates when the signal is strongest. 1W output for MOH to telephone systems. Line-level output for background music to paging systems. Connects to a variety of telephone and paging systems including self-amplified speaker systems. Built-in monitor speaker makes tuning easy. Telescoping antenna built-in or connect to an external antenna. Volume and tone controls. Wall-mountable. Power requirements are 12V or 24V DC power supply (not included). Dimensions are 3 3/8" x 6" x 1 1/2".



Part # FMR

Lecterns

40-watt built-in amplifier. Three inputs: 2 MIC (Lo-Z) and 1 AUX (Hi-Z). Wide frequency response. Speaker jack for connection to external speakers. Built-in speakers may be disabled. Tape recorder output jack. Shock-mounted, high-quality cardioid condenser microphone. Independent phantom power for condenser microphone. Speech filter and Automatic Level Control for enhanced intelligibility. Wide dispersion. Separate volume control for each input channel plus bass and treble controls. Recessed brass reading lamp with on/off switch. GCU250 goose-neck microphone (18 1/4"L x 3/4" diameter base). Assembly required.



| Part # | Description | Dimensions (W x H x D) |
|--------|---|-------------------------|
| MLA40 | Complete free-standing lectern; six 8" speakers | 21 5/8" x 48" x 19 1/2" |
| MLA40T | Tabletop version; two 8" speakers | 21 5/8" x 17" x 19 1/2" |

AM/FM Tuner

A compact, commercial-grade AM/FM tuner for background music applications. The 18 FM and 12 AM station presets can be automatically scanned to make finding a desired station quick and easy. Stations are tuned using push-button controls and the backlit LCD display. PLL-synthesized tuning for drift-free operation. Push-button controls. Stereo or mono operation. Excellent sensitivity, image, rejection and frequency response. Low hum, low noise, low distortion. 75-ohm and 300-ohm antenna connectors. Rack-mountable (1 rack space) with accessory mounting kit. Output cables included. Power requirements are 120V AC. Dimensions are 10 1/2" x 1 5/8" x 7 1/8".



Part # TP30D

AM/FM 35-Watt Receiver

35-Watt amplifier for 4 to 8-ohm, 25V or 70V speaker systems. Built-in speaker systems. Built-in AM/FM tuner. 18 FM and 12 AM station presets. PLL-synthesized tuning for drift-free operation. Two inputs: 1 MIC (Lo-Z), 1 AUX (Hi-Z). Four speaker zone switches allow paging in up to four different areas, any combination, or All-Call. Single button control for All-Call. Tuner/Aux selector switch. Auxiliary input for external music sources. Automatic muting of background music during pages (voice-activated). Separate controls for music, volume, bass, treble and microphone input for paging announcements. FM dipole antennas included. Compact, heavy-duty, commercial-grade construction. Rack-mountable with accessory mounting kit. Stereo-to-mono AUX input cables included. UL Listed. Power requirements are 120V AC. Dimensions are 12" x 3 1/2" x 8 1/2".



Part # RM350D

BOGEN

Attenuators

Allows the output level of a group of loudspeakers to be set from a wall-mounted volume control, without affecting overall amplifier volume settings. These rugged attenuators have 10 levels of sound control, plus an off-setting. Mounts in standard electrical box. *Depth from front of plate.



| Part # | Power Rating | Gang Box | Dim. (W x H x D) inches* |
|--------|--------------|----------|--------------------------|
| AT10A | 10 watts | Single | 2 7/8 x 4 5/8 x 2 1/2 |
| AT35A | 35 watts | Dual | 4 3/4 x 4 3/4 x 3 |

Digital Feedback Elimination

Eliminates the acoustical feedback loop created by the telephone handset and the paging speaker, while providing high-capacity, high-quality recording and playback of audio pages. Ability to record a message while another is played. Stacks up to 8 messages for playback. 120 seconds of total audio memory. Automatic or externally controlled unit operation for recording, play and stop. Activates recording by loop start trunk, 4-wire dry loop, audio trigger or DTMF. Digital recording and playback of pages, 30-second maximum message length. Adjustable delay times between messages. Message repeat, abort, stop, and pre-page tone options. Zone control DTMF tones stripped from message and regenerated. 8- or 600-ohm output impedances. Easy installation and low maintenance. Volume control. Wall-mountable.



Part # DFT120

Night Ringer

Converts any paging system into an after-hours night bell alert system. Connects to the paging system's amplifier and emits a ringer tone through the paging system's speakers. Responds to 90V ring signals or external contact closures. Produces dual-frequency electronic ringer tone. Automatically mutes background music while ringing. Ringer volume control. Compact size. Low current draw. No maintenance. FCC Part 68 approved.



Part # NR100

Ambient Noise Sensor System

Automatically adjusts the paging level in response to changes in the ambient noise of an area. Small sensor microphones monitor the ambient noise levels in an area served by a single amplifier. Will adjust (boost or reduce) the input signal levels to the amplifier to ensure that the paging announcements will be heard at an audible, clear and comfortable level over the current ambient noise. Supports up to four small sensor microphones (one ANS500M included) for large areas.



Part # ANS500

Voice-Activated Relay

A relay device that monitors audio activity over a wide range of input voltages and operates two sets of C-Form relay contacts in response to detected activity. Can be used to detect voltages as low as signals directly from a microphone or as high as signals from 70V speaker systems. Two sets of C-Form (both N.O. and N.C.) relay contacts respond to audio activity. Four levels of input trigger threshold adjustment. Adjustable release delay - 0.25s to 25s.



Part # VAR1

Audio/Video - Amplifiers & Accessories

BOGEN

Tone Generator

Designed to produce four different types of tones for use as alarm or announcement signals in paging systems. An audio signal can be routed through the tone generator to allow easy installation in paging systems. During generation of the tones, the routed audio will be suppressed. Tone generation reset available. Adjustable tone level and pitch. 600-ohm output. Power requirements: Wide power supply range, 12V to 48V DC @ 30 mA (power supply not included).



Part # TG4C

ProHold™ Digital Music-On-Hold (MOH) System

Provides music- or message-on-hold to callers placed on hold. Easy for users to operate, eliminates call-backs to installation sites. Simple one-step downloading from tape to digital memory when tape is inserted. Automatically determines audio start and stop points from inserted tape. 600-ohm transformer-balanced output and 1W into 8-ohms output. Audio output can be connected to a loudspeaker. Automatically reloads message on tape after power interruption. Tape is stored in unit so it doesn't get lost. Comes with generic on-hold cassette tape. Speaker, volume and trigger controls. Self-diagnostic test. Monitor speaker. Wall-mounting template and hardware included. Power requirements is 12V AC/DC @ 800mA from 120V AC (power supply included).



| Part # | Message Storage Length |
|--------|------------------------|
| Pro12 | 12 minutes |
| Pro16 | 16 minutes |
| Pro4 | 4 minutes |
| Pro8 | 8 minutes |

intelix

VC Series Mic/Line Mixers

4 or 8 channel VCA based mixing. Voltage controlled attenuators offer flexible level control and won't "click" or "pop" after years of use. Studio quality compression and limiting. Remotely control volume and mixing functions using an external 10kOhm potentiometer. Peak and average mixing. VC Series is standard version. VCX is enhanced version - models include individual channel signal present and clip LEDs, master output VU metering, APHEX™ Aural Exciters and an insert patch or direct out for all channels.



| Part # | Description |
|---------|-------------------------------|
| 4001VC | 4-Channel Standard VC Series |
| 8001VCX | 8-Channel VCX Enhanced Series |

AMIX Series Automatic Mic/Line Mixers

4 or 8 channel automatic mixing. Automixing provides maximum gain before feedback by attenuating the output level by -3dB every time the number of active channels doubles. Three automatic modes. Using an external switch, remotely mute all channels except the priority mic. Optional RS232 and ReO control. Small compact design. Quick, simple linking interface.



| Part # | Description |
|--------|-------------|
| AMIX-8 | 8-channel |
| AMIX-4 | 4-channel |

Distribution Amplifiers

| Part # | Support | Connectors | Size |
|----------|--|--------------|-------|
| AVDA-8-F | Supported Intelix baluns | 9 RJ45 | 1 x 8 |
| HDDA-8-F | High-definition component video, composite video, Y/C video, or analog audio | 27 RCA | 1 x 8 |
| VGADA-2 | VGA | 3 HD15 (VGA) | 1 x 2 |

intelix

MC Series Mic/Line Mixers

MC/Series mic/line mixers give you the flexibility and studio quality features of a dual bus console in a single rack space. All models offer studio quality compression/limiting and feature recessed selector switches for bussing of input signals to the main, AUX, or both outputs. Features: 8x2 Mic/Line Mixer, Bus selectors per channel, phantom power, output compressor/limiter, low cut filters per input, headphone output, three models, linkable.

| Part # | Description |
|--------------|--|
| 8002MCB-FP | With XLR connectors and all trim and pad controls on the front panel |
| 8002MCB-PHNX | With Phoenix Connectors |
| 8002MCB-XLR | With XLR connectors |

Audisey Athena

Audisey Athena combines the performance of a true matrix mixer with the flexibility and digital signal processing of a digital amplifier—all in a single, intuitive package. Available in 8 inputs by 8 outputs or 16 inputs by 16 outputs, the Athena features built-in audio preamplification, input signal processing, true matrix mixing, output signal processing, and either eight or sixteen channels of independent power amplification. The Athena provides users with up to 128 system presets, 16 input DSP presets per channel, and 16 output DSP presets per channel via the front panel, USB, serial, or over the internet. Real-time event scheduling software and an embedded web server provide sophisticated control options.

| Part # | Description |
|-----------|---|
| Athena-8 | Features 8 inputs, 8 monitor outputs, and 8 amplifier outputs with up to 100 watts per channel (400 watts total) |
| Athena-16 | Features 16 inputs, 16 monitor outputs, and 16 amplifier outputs with up to 100 watts per channel (800 watts total) |

Philmore

Solid-State Stereo Pre-Amplifier

An economical way of using stereo tape recorders and magnetic stereo cartridges on amplifiers with low gain phono inputs originally intended for crystal or ceramic types. Numerous uses. Fast plug-in RCA connectors. Solid state, printed circuit design. Frequency response is 30-20,000 Hz equalized for phono RIAA playback curve. Low impedance up to 70,000 ohms to match all type heads and magnetic cartridges. Maximum output is 0.5V (less than 1% distortion). Output load is from 10,000 ohms to 1 meg-ohm. Cross talk is under 40dB. Power supply is 117V AC 50-60Hz.



Part # PRE600

speco technologies

Contractor Series PA Amplifier

It features an auto mute function, music on hold output with separate level control (600 ohm line and one watt 8 ohm), 600 ohm telephone line input with level control, bass and treble tone controls, front panel level controls, and manual muting contacts. In addition to the telephone line input, this unit accepts inputs from three sound sources. Each source can utilize a choice of microphone inputs (terminal strip) or auto summing stereo auxiliary RCA inputs. Mic 1 also contains an input for an XLR connector. Outputs include a choice of 4, 8, and 16 ohm as well as 70 and 25 volt line outputs. There is an auxiliary output connection as well. Watts amplifier is 120.



Part # PBM-120

Audio/Video - Amplifiers & Accessories



UL and CSA Listed Amplifiers

These amplifiers deliver quality and dependability to commercial applications. Complete with 4 XLR connectors, auxiliary inputs, music on hold, and 70/25 4/8/16 zone outputs offer superior performance.



| Part # | Description |
|----------|-----------------------------|
| P-30FACD | 30 watt AM/FM CD Player Amp |
| P-60FACD | 60 watt AM/FM CD Player Amp |
| P-30FACC | 30 watt AM/FM Cassette Amp |
| P-60FACC | 60 watt AM/FM Cassette Amp |
| PMM-60A | 60 watt Mixer Amp |
| PMM-120A | 120 watt Mixer Amp |

20 Watt 12V DC Mobile Amplifier with Mic

Can plug into a cigarette lighter, has auxiliary input for cassette tape deck, phono or tuner. Ideal for automobile, bus, truck or marine applications. A handheld push to talk microphone, suction cups for portable dashboard mounting, cigarette lighter plug, 1 auxiliary input and mounting bracket are included.



Part # PAT-20

10 Watt RMS Multi-Use PA Amplifier

Versatile and has the capability to be a 12V DC mobile for a power source or use 117V AC with 50/60 Hz. Features two microphone inputs that accept 1/4 inch phone plugs, one auxiliary input and tone control. Has an output impedance of 4, 8 and 16 ohms with 70 and 25 volt lines. Output power of 20 watts (music power).



Part # PAT-30

20 Watt RMS Multi-Use PA Amplifier

Can be used as a 12V DC mobile or use 117/220V AC and 220/240V AC with 50/60 Hz. Features two microphone inputs that accept 1/4 inch phone plugs, two auxiliary inputs and tone control. Handles up to 60 watt music power or 20 watt RMS @ 5% THD. Output impedance of 4, 8 or 16 ohms with 70 and 25 volt lines.



Part # PAT-60

Contractor Series 15 or 30 Watt RMS P.A. Amplifier

Two mic inputs (terminal strip). Aux input. Front panel level controls. Auto mute function. Bass and treble tone controls. Outputs 70/25V and 4/8/16 ohm. Auto summing stereo AUX input. Music on hold output with separate level control (600 ohm line and one watt 8 ohm). 600 ohm tel. line input with level control. Manual muting contacts. Accessory AC outlet. Dimensions are 10.7" W x 3.5" H x 9.4" D. Weight is 12 lbs. UL and CSA listed.



| Part # | Description |
|--------|-------------|
| PBM-15 | 15 Watts |
| PBM-30 | 30 watts |

240 Watt Power Boost Amplifier

Automatic overload protection, LED display and dual voltage 117/220V AC at 50/60 Hz. Features a 240 watt RMS for 4 ohm, 8 ohm and 25/70V with a frequency response of 30 to 20,000 Hz. RCA input and screw terminal speaker outputs. Rack mounting kit included.



Part # P-240A



Professional Series 30 Watt RMS P.A. Amplifier

Two microphone inputs - Cannon (XLR) connectors. High or low impedance. Two auxiliary inputs. RCA connector and tone control. Separate volume control for each mic an auxiliary input. Master volume switch. Lighted on/off power switch. Priority page muting circuit. Manual muting contacts. 4 and 8 ohm, 25 and 70V output. Input and output fused. Dimensions are 7.5" L x 11.875" W x 3.5" H. Weight is 9 lbs. 4 oz.



Part # P-30A

30 Watt PA Amplifier with Digital AM/FM Tuner

Features a digital 30 station preset FM/AM tuner, built-in telephone paging, voice activated priority paging and music on hold circuits. Input connections include two locking Cannon type XLR connectors, one 1/4" microphone connector, one RCA aux input. Outputs include 4 ohm, 8 ohm and 25/70 volt. Rack mounting kit included.



Part # P-30FA



VHF/UHF/FM Amplifier

75 ohm broad band distribution amplifier, designed to restore and improve video signal normally weakened when using multiple TV/VCR hookups and switches. Features built-in, switchable FM trap, on-off indicator light and high overload protection. 117V AC, 60 Hz. With FM Trap, 24 dB.

Part # 32-3091

Audio/Video - Microphones & Accessories

BOGEN®

Desktop Microphones

Desktop Paging Microphone

Dynamic, dual-impedance, desktop microphone designed for all industrial and commercial public address and paging applications. Dimensions are 4 3/8" W x 9 3/8" H x 5 7/8"D. Cardioid pickup pattern. Locking mechanism with push-to-talk bar for long announcements. Push-to-talk or lift-to-talk operation. Rubberized black finish with die-cast base. 4-conductor, 2-shielded cable included.



Part # MBS1000A

Dynamic Desktop Microphone

High-quality, dynamic, gooseneck desktop microphone ideal for any PA system. Permits the user to adjust the microphone's angle and height to suit the user's needs. Dimensions are 4 1/4" W x 18 1/4" H x 6 1/4" D. Cardioid pickup pattern. Push-to-lock and push-to-talk switches. Excellent speech intelligibility with low ambient noise. Effective feedback control. 16" long, fully flexible gooseneck stalk shock-mounted to a heavy zinc die-cast base. 10 ft. cable with external contact closure outputs for the talk switches. 500 ohm impedance.



Part # DDU250

Gooseneck Microphones

Condenser Gooseneck Microphone

A high performance, partially-rigid, 15 1/4" adjustable gooseneck condenser microphone. Has an integral XLR male connector mounting base and requires a 9V-52V DC phantom power source. Slim and compact. Designed to minimize intrusion between the user and the audience. 18 1/4"L x 3/4" dia. Cardioid pickup pattern. Clean, accurate vocal reproduction with low ambient noise. Integral breath/wind filter. Snap-on windscreen. Durable all-metal case with non-glare black finish.



Part # GCU250

Dynamic Gooseneck Microphone

Features a durable all-metal case with a non-glare black finish. It has a 15 1/2" long, fully flexible neck with an integral XLR mounting base. 17" L x 1 1/4" dia. Cardioid pickup pattern. High sound pressure capability and low sensitivity to breath/pop noise. Superior shock-mount system to reject handling and transmission noise. Integral multi-layer breath/wind filter. Silent push-on/push-off talk switch on base. Rugged, reliable construction.



Part # GDU150

BOGEN®

Gooseneck Microphones (cont.)

Industrial Gooseneck Microphone

Dynamic, push-button activated microphone designed for all industrial and commercial public address and paging applications. 23 1/2" L x 1 1/4" dia. Omni-directional pickup pattern. Rugged, reliable design. Push-to-talk switch on MIC housing. Chrome-plated screen and gooseneck with black Cicolac® housing. Nine foot cable included. 19" flexible neck with mounting flange.



Part # MGN19

Professional Overhead Hanging Microphone

An electret condenser, professional microphone perfectly suited for picking up audio from large groups. It can hang from the ceiling and is compact in size. The cable is terminated by a mini-XLR (female). A mini-XLR to standard XLR adapter (included) houses the pre-amplifier. Cardioid pickup pattern. Transformerless, direct-coupled design to ensure clear, transparent reproduction of even the most delicate transients at the highest output levels. Stainless steel, adjustable black hanger.



Part # WCU250

Microphone Mounts

Flange Mount

For use with gooseneck models GCU250 and GDU150. Three-pin female XLR connector, non-shock-isolated. 3 1/4" H x 1 3/4" dia. base, 3 ounces.



Part # MFM

Shock-Isolated Microphone Base

For use with gooseneck models GCU250 and GDU150. Provides superior mechanical noise and vibration handling. Lightweight ABS material housing. XLR (female) connector. Thick shock-absorbing rubber cushion. Ideal fixture for boardrooms, conference rooms, pulpits, podiums and newsrooms. 4 3/4" W x 1 3/4" H x 4 dia.



Part # MSM

Audio/Video - Microphones & Accessories

BOGEN

Professional Boundary Microphone

An unobtrusive, surface-mount, boundary, condenser microphone ideal for meeting rooms, conferences and stage productions where minimum visibility is ideal. Cardioid pickup pattern. Full, rich reproduction of voice and music. Low sensitivity to stage vibration and thumping noise. Phantom power-operated. Low-impedance balanced output. Mounting keyways for hanging or for secure attachment to the mounting surface. Heavy-duty metal case; matte black finish. Outputs for interfacing with auxiliary equipment.



Part # SCU250

Microphone Stands



| Part # | Type | Description |
|--------|------------------|--|
| DS3 | Desk Stand | 3" chrome-finish tube 6" case iron base, 3 lb. |
| SB6 | Floor Boom Stand | Telescopic floor stand. Sliding 30" boom arm. 34" to 62" adjustable height, 6 lb. Chrome-plated tubing. Tripod base. |
| SF4 | Floor Stand | 34" to 62" adjustable height. Round 10" diameter die cast base, 9 lb. Grip-action clutch and chrome-plated tubing. |

Microphone Cables



| Part # | Cable Type | Description |
|--------|---------------------------|--|
| XLR25 | Microphone Cable | For use with handheld models HCU350, HDU250, HDU150 and HDO100. Male XLR to female XLR. 25' cable. Two-conductor plus shield. |
| MAC | Microphone Cable Assembly | For use with handheld models HCU350, HDU250, HDU150 and HDO100. Female XLR to stripped and tinned wires. 25' cable. Two-conductor plus shield. |

Handheld Microphones

Handheld Public Address Microphone

Perfectly suited for public address applications and instrument sound reproduction. 6 1/2" D x 1 1/2" dia. Omni-directional pickup pattern. Clean, clear reproduction with minimal ambient sound. Low sensitivity to handling noise and stage vibrations. Lockable, silent on/off reed switch. 500-ohm impedance. Frequency response range of 70 Hz - 15 kHz. Sensitivity of -72dB +/- 3dB. Internal rubber shock isolation system. Rugged, reliable construction; includes mic clip. Rubberized black finish.



Part # HDO100

Handheld Stage Microphone

6 1/2" D x 1 1/2" dia. Cardioid pickup pattern. Low sensitivity to breath and popping sounds. Lockable, silent on/off reed switch. 500-ohm impedance. Frequency response range of 70 Hz - 15 kHz. Sensitivity of -70dB +/- 3dB. Rubber shock-mount system for attenuation of handling and cable noise reduction. Rigid, low-noise cable-mount system. Rubberized black finish; durable ball-shaped design; includes mic clip.

Part # HDU150

BOGEN

Handheld Microphones (cont.)

Professional Handheld Stage Microphone

Ideal for acoustically-demanding environments. Features a heavy zinc die cast case with a rigid, low noise cable-mount system and a lockable silent reed switch. 7" D x 2" dia. Cardioid pickup pattern. High output design with excellent gain before feedback characteristics. High sound pressure capability without distortion. Low sensitivity to breath/pop noise. Efficient shock-mount system prevents handling and transmission noise. High sensitivity Neodymium capsule. 250-ohm Low impedance. Frequency response range of 50 Hz - 18 kHz. Sensitivity of -72dB +/- 3dB. Integral multi-layer breath/wind filter; includes mic clip. Rubberized black finish; rugged, reliable construction.

Part # HDU250

philmore

MediaStar™ GooseNeck Microphone

Attached to desk stand.

Part # 70-020



PAN PACIFIC



Microphone and Head Set

| Part # | Description |
|--------------|----------------------------------|
| MMA-MFON-CLP | Multimedia microphone, clip on |
| MMA-MFON-HD | Multimedia stereo headset |
| MMA-MFON-TBL | Multimedia microphone, table top |

speco technologies

Gooseneck Adjustable Desktop MIC

Momentary switch for priority paging. Six inch gooseneck extension and five foot cord. Cannon 3 pin XLR male connector. Impedance is low-600 ohm and high 50 kHz. Sensitivity high is 53dB ± 3dB and low 71 dB ± 3dB.



Part # MHL-5S

Double Channel Wireless Microphone

Professional hand held wireless microphone system has two channels. It features an FM quartz locked VHF operation, auxiliary antennas, and wind screens. It is available in four different VHF frequencies, Channels A-171.90 MHz, D-209.82 MHz, B-184.54 MHz, and F-203.30 MHz. Please be sure to specify.



Part # MW-200H

Single Channel Dual Diversity Wireless Lapel Mic

Features an FM quartz locked VHF operation with an Electret condenser lapel microphone and headset. It is available in four different VHF frequencies, channel A-171.90, D-209.82, B-184.54, and F-203.30. The Electret condenser lapel microphone and headset are included.



Part # MWD-100L

Audio/Video - Microphones & Accessories



Single Channel Wireless Handheld Mic

Features a FM quartz locked VHF operation, auxiliary antenna and wind screen. It is also available in four different VHF frequencies, channel A-171.90 MHz, D-209.82 MHz, B-184.54 MHz, and F-203.30 MHz. A dynamic handheld microphone is included.

Part # MW-50H

Single Channel Wireless Lapel Mic

Features a FM quartz locked VHF operation, auxiliary antenna and wind screen. It is available in four different VHF frequencies, channel A-171.90, D-209.82, B-184.54, and F--203.30. An Electret condenser lapel microphone and headset are included.

Part # MW-50L



Handheld Dynamic Microphone

This dynamic microphone is great for speech, vocals and karaoke. It captures natural, clear sound. The MCHH-100 features low sensitivity to breath/pop noise, wide frequency response, 3 Pin XLR male connector, on/off switch and durable construction for expanded life.

Part # MCHH-100



Performance Handheld Dynamic Microphone

This dynamic microphone is perfect for live performance applications. It captures natural, clear sound. The MCHH-200 features a weather-resistant housing, low sensitivity to breath/pop noise, wide frequency response, 3 Pin XLR male connector and on/off switch.

Part # MCHH-200



Audio/Video - Cables



RapidRun™ Multi Use Versatile Interconnect

RapidRun™ is a simple, modular system that consists of two main components: A base cable called a Runner and Termination ends in the form of Break-Away pigtails or a Decorative style wall plates. RapidRun™ Runners connect to either Break-Away pigtails or Decorative style wall plates – you choose the termination style that meets your needs. With eight different configurations available, you'll easily find a Break-Away that is right for your installation. Change the Break-Away (a process that takes mere seconds) and the RapidRun system transforms into an entirely new conduit for your signal. Change from composite video to S-Video in seconds. Change from S-Video to Component video just as fast! With the ability to "mix and match" for custom applications, RapidRun™ can master any system, period!

RapidRun™ UXGA Runner

3-28 AWG Coaxial Cables with Braided Copper shielding, 3-24 AWG Twisted Pairs plus a Single 24 AWG Pair. Mylar Foil Shield. UXGA Runner for PC Applications. UXGA Supports Resolutions up to 1600 x 1200 Pixels. Pulling Cap has 15 lb/ft of Pulling Tension. Also available in CL2 or Plenum.

| PVC # | Plenum Part # | Description |
|----------------|----------------|------------------------------|
| 2212-40701-015 | 2212-40750-015 | 15ft. RapidRun™ UXGA Runner |
| 2212-40703-025 | 2212-50729-025 | 25ft. RapidRun™ UXGA Runner |
| 2212-40705-035 | 2212-50730-035 | 35ft. RapidRun™ UXGA Runner |
| 2212-40706-050 | 2212-40752-050 | 50ft. RapidRun™ UXGA Runner |
| 2212-40708-075 | 2212-40753-075 | 75ft. RapidRun™ UXGA Runner |
| 2212-40709-100 | 2212-40754-100 | 100ft. RapidRun™ UXGA Runner |
| 2212-40710-125 | 2212-40755-125 | 125ft. RapidRun™ UXGA Runner |
| 2212-40711-150 | 2212-40756-150 | 150ft. RapidRun™ UXGA Runner |

RapidRun™ 5-Coax Runner

5-Miniature Coaxial Assemblies. 28 AWG Stranded Copper Conductors with Mylar Foil and 85% Braided Copper Shield. Ideal for A/V and Component Video Applications. Compatible with Analog and S/PDIF Digital Audio. Pulling Cap has 15 lb/ft of Pulling Tension. Also available in CL2 or Plenum.

| PVC # | Plenum Part # | Description |
|----------------|----------------|--------------------------------|
| 2212-40713-015 | 2212-40757-015 | 15ft. RapidRun™ 5-Coax Runner |
| 2212-40715-025 | 2212-50731-025 | 25ft. RapidRun™ 5-Coax Runner |
| 2212-40717-035 | 2212-50732-035 | 35ft. RapidRun™ 5-Coax Runner |
| 2212-40718-050 | 2212-40759-050 | 50ft. RapidRun™ 5-Coax Runner |
| 2212-40720-075 | 2212-40760-075 | 75ft. RapidRun™ 5-Coax Runner |
| 2212-40721-100 | 2212-40761-100 | 100ft. RapidRun™ 5-Coax Runner |
| 2212-40722-125 | 2212-40762-125 | 125ft. RapidRun™ 5-Coax Runner |
| 2212-40723-150 | 2212-40763-150 | 150ft. RapidRun™ 5-Coax Runner |



RapidRun™ Multi Use Versatile Interconnect (cont.)

Pigtails

| Part # | Description |
|----------------|---|
| 2212-40725-001 | RapidRun™ HD15 (UXGA) |
| 2212-40726-001 | RapidRun™ 5-BNC RGBHV |
| 2212-40727-001 | RapidRun™ Component Video + Stereo Audio |
| 2212-40728-001 | RapidRun™ Component + S-Video |
| 2212-40729-001 | RapidRun™ Component Video + Digital Audio |
| 2212-40730-001 | RapidRun™ Composite Audio/Video |
| 2212-40731-001 | RapidRun™ Component Video |
| 2212-40732-001 | RapidRun™ S-Video + Stereo Audio |

RapidRun Digital™

Use the Rapidrun Digital video interface for installations featuring digital signage, digital theater and cutting-edge presentation technologies! RapidRun Digital Connector: A protective pulling cap capable of 15 pounds of pulling tension. Pulling caps are designed to maximize installation convenience while protecting the inside terminals from job site damage. 19 precision pins within an 11/16" nickel plated metal shell. RapidRun Digital is centered on the runner cable. Installations are easier than with traditional HDMI™ or DVI™ cables because the RapidRun Digital Runner fits through 3/4-inch conduit even with a 90-degree sweep! Termination is fast and simple; just attach the appropriate breakaway wall plate or flying lead to the runner. Add a choice of passive or active wall-plates to ensure performance with a wide range of products and installations.

| Part # | Description |
|----------------|--------------------------|
| 2212-40855-001 | HDMI™ Active Wall Plate |
| 2212-40856-001 | HDMI™ Passive Wall Plate |
| 2212-40857-001 | DVI™ Active Wall Plate |
| 2212-40858-001 | DVI™ Passive Wall Plate |
| 2212-40859-015 | 15ft. Runner HT |
| 2212-40860-025 | 25ft. Runner HT |
| 2212-40861-035 | 35ft. Runner HT |
| 2212-40862-050 | 50ft. Runner HT |
| 2212-40863-065 | 65ft. Runner HT |
| 2212-40866-001 | 1.5ft HDMI™ Flying Lead |
| 2212-40867-003 | 3ft HDMI™ Flying Lead |
| 2212-40868-006 | 6ft HDMI™ Flying Lead |
| 2212-40869-010 | 10ft HDMI™ Flying Lead |
| 2212-40870-001 | 1.5ft DVI™ Flying Lead |



Audio/Video - Cables



RapidRun Digital™ (cont.)

| Part # | Description |
|----------------|-----------------------|
| 2212-40871-003 | 3ft DVI™ Flying Lead |
| 2212-40872-006 | 6ft DVI™ Flying Lead |
| 2212-40873-010 | 10ft DVI™ Flying Lead |



HDMI Audio/Video Cables

These high quality HDMI cables deliver the optimum video and multiple channel audio signals required for connecting today's highend DVD players, cable boxes, AV receivers and HDTVs. These premium cables are fully HDCP compliant to provide the highest level of signal quality. XX = available length: 2M, 3M, 5M, 10M, 15M.



Part # PCM-2295-(XX)

3.5mm Stereo Extension Cables

These 3.5mm audio cables are perfect for connecting (M/M), your microphones and speakers. XX = Available lengths in feet.



| Part # | Available Lengths |
|---------------|-------------------|
| AUD-1000-(XX) | 06, 12, 99 |
| AUD-1100-(XX) | 2, 6, 12, 25 |

6' Sound Card to Speaker Cable

Connect your computer to a stereo or a speaker system with this premium adapter cable. This 6' adapter cable splits a stereo 3.5mm plug into right and left channel RCA plugs without the loss of signal quality. 3.5mm male to two RCA female connectors. Shielded with strain relief.



Part # AUD-1200-06

Audio/Video Patch Cables

Use our superior quality audio/video patch cables to connect VCRs and other video equipment. Made with high grade molded RCA connectors and shielded to provide a crystal clear picture. 3 connectors. XX = Available Lengths: 6ft(-06), 12ft(-12), 25ft(-25), 50ft(-50)



Part # AUD-1700-(XX)

RCA Video Connector Cables

Use our high grade video patch cables to connect (M/M), VCRs and other video equipment. 75 Ohm Coaxial. XX = Available Lengths. 6'(-06), 12'(-12).



Part # AUD-1300-(XX)

Microphone Cables - Premium XLR Female to Male

XX = Available Lengths. Available in the following lengths: 10'(-10), 25'(-25)



Part # AUD-1820-(XX)

Microphone Cables - XLR Female to 1/4

XX = Available Lengths. Available in the following lengths: 6'(-06), 20'(-20)



Part # AUD-1800-(XX)



RCA Dual Connector Cables

XX = Available Lengths. Available in the following lengths: 3ft(-03), 6ft(-06), 12ft(-12), 25ft(-25), 50ft(-50)



Part # AUD-1600-(XX)

RCA Video Extension Cables

Use our high grade 6' video patch cable to extend (M/F), VCRs and other video equipment. 75 Ohm Coaxial. XX = Available Lengths.



Part # AUD-1350-06

S-Video Cables

S-Video cables are perfect for connecting VCRs, Satellite, receivers, and other equipment that uses S-Video cables. S-Video SVHS, M/M 4 Pin Din Cable. XX = Desired Length. Available in the following lengths: 6ft(-06), 12ft(-12), 25ft(-25), 50ft(-50), 75ft(-75), 100ft(-99).



Part # AUD-2000-(XX)

S-Video Extension Cables

S-Video SVHS Extension, M/F 4 Pin Din Cable. XX = Available Lengths. Available in the following lengths: 6ft(-06), 10ft(-10), 25ft(-25)



Part # AUD-2100-(XX)

Component Video Cables

These premium cables are the perfect choice for connecting your all high-performance video equipment to an HDTV. Made from quality components, these cables guarantee you a crisp, clear picture. Color coded RCA connectors and ultra-flexible jacket, allow for easy installation and identification. XX = available length: 6, 12, 25.



Part # AUD-1370-(XX)



RCA Cables

Heavy gauge cable with nylon mesh protective jacket. Corrosion resistant gold plated contacts for best data transmission. Heavy duty strain relief.



| Part # | Description |
|--------|--|
| 361231 | Single Cinch RCA to Single Cinch RCA, Blue, 5 ft. |
| 361248 | Single Cinch RCA to Single Cinch RCA, Blue, 10 ft. |
| 361255 | Single Cinch RCA to Single Cinch RCA, Blue, 16 ft. |
| 361842 | Component Male to Male, Blue, 26 ft. |
| 361262 | Dual Cinch RCA to Single Cinch RCA, Blue, 5 ft. |
| 361279 | Dual Cinch RCA to Single Cinch RCA, Blue, 10 ft. |
| 361286 | Dual Cinch RCA to Single Cinch RCA, Blue, 16 ft. |
| 361736 | Dual Cinch RCA to Single Cinch RCA, Blue, 33 ft. |
| 361187 | Dual Cinch RCA to Dual Cinch RCA, Blue, 5 ft. |
| 361194 | Dual Cinch RCA to Dual Cinch RCA, Blue, 10 ft. |
| 361200 | Dual Cinch RCA to Dual Cinch RCA, Blue, 16 ft. |
| 361705 | Dual Cinch RCA to Dual Cinch RCA, Blue, 33 ft. |
| 361156 | Triple Cinch RCA to Triple Cinch RCA, Blue, 10 ft. |
| 361163 | Triple Cinch RCA to Triple Cinch RCA, Blue, 5 ft. |
| 361170 | Triple Cinch RCA to Triple Cinch RCA, Blue, 16 ft. |
| 361682 | Triple Cinch RCA to Triple Cinch RCA, Blue, 33 ft. |



Audio/Video - Cables



Audio/Video Cables



| Part # | Description |
|--------|---|
| 336529 | S-Video Cable, Male to Male, 6 ft. |
| 336536 | S-Video Cable, Male to Male, 12 ft. |
| 336284 | S-Video Cable, Male to Male, 25 ft. |
| 336512 | S-Video Cable, Male to Male, 50 ft. |
| 341516 | RCA Plug, Triple-Triple, 6 ft. |
| 336505 | RCA Socket to Mini 1/8", 10 in. |
| 332361 | Stereo Y-Cable, 1/8" Male to (2) 1/8" Females, 6 ft. |
| 370769 | Stereo Y-Cable, 1/8" Male to (2) 1/8" Females, 6 in. |
| 311717 | Stereo Mini 1/8" Extension Cable, Male to Female, 6 ft. |
| 334594 | Stereo Mini 1/8" Extension Cable, Male to Male, 6 ft. |

Stereo to RCA Cable

Heavy gauge cable with nylon mesh protective jacket. Corrosion resistant gold plated contacts for best data transmission. Heavy duty strain relief.



| Part # | Description |
|--------|--|
| 361217 | 3.5mm Stereo to Dual Cinch RCA, Blue, 5 ft. |
| 361224 | 3.5mm Stereo to Dual Cinch RCA, Blue, 10 ft. |

Component Video Cable

Keeps the source signal within the conductor to minimize loss and block interference from external sources. Component male to male. Heavy gauge cable with nylon mesh protective jacket. Corrosion resistant gold plated contacts for best data transmission. Heavy duty strain relief.



| Part # | Description |
|--------|--------------|
| 361804 | Blue, 5 ft. |
| 361811 | Blue, 10 ft. |
| 361835 | Blue, 15 ft. |

Toslink Cable

Improves digital audio quality by reducing distortion from inductance, capacitance and resistance. Heavy gauge cable with nylon mesh protective jacket. Corrosion resistant gold plated contacts for best data transmission. Heavy duty strain relief.



| Part # | Description |
|--------|----------------------------|
| 361361 | Male to Male, Blue, 5 ft. |
| 361415 | Male to Male, Blue, 10 ft. |
| 361422 | Male to Male, Blue, 16 ft. |
| 361774 | Male to Male, Blue, 33 ft. |

Toslink Cable



| Part # | Description |
|--------|--|
| 381093 | DVI-A/D Dual Link Female to HD15 Male, Beige |
| 381109 | DVI-A/D Dual Link Male to HD15 Female, Beige |



BNC Coaxial Cables

BNC-BNC RG58/u coaxial cables.



| Part # | Cable Length |
|----------|--------------|
| 18-644-0 | 3' |
| 18-744-0 | 6' |
| 18-844-0 | 10' |



SVHS to RCA Adapter Cable

Molded ends, RCA ends. Color coded ends (white and red), gold plated shell and contacts. 6 ft. Mini Din 4 pin male to 2-RCA male.



Part # MMA-SVHS/RCA 2-6'

For Digital Audio Use

Connectors meets EIA proposed standard RC5720. Simplex. APF (970/100µm). Black or White (WH). X = Length (meter): 1, 2, 3, 4, 5.

| Part # | Description |
|-----------------|--------------------------|
| FOP-AUD-1 | - |
| FOP-AUDT2-(X) | O.D. 8.0mm (Black) |
| FOP-AUDT2-(X)WH | O.D. 8.0mm (Pearl White) |

RCA Adaptor Card



| Part # | Description |
|--------------|------------------------|
| MMA-RCAMF2-6 | RCA male to 2 female |
| MMA-RCAFF2-6 | RCA female to 2 female |

Super Video Cables

Suitable for DDS Satellite installations. Applications include Super-VHS VCR's, DSS receivers, camcorders and video disc players. Gold plated contacts. Dual coax single outer jacket. XX = Length (ft.): 6, 10, 12, 15, 18, 25, 35, 50, 35, 50, 75 and 100.

| Part # | Description |
|---------------|------------------------------------|
| MMA-SVHS-(XX) | MD4 M/M S-VHS video cable |
| MMA-SVHS-CL2 | 500 ft. reel S-VHS bulk cable, CL2 |

RCA Video/Audio Cables



| Part # | Description |
|---------------------|---|
| MMA-2RZ-BK | Bulk A/V Cable, 2-RCA Spiral ZIP, 1000 ft. |
| MMA-RCA3-MM-(XX)XLT | Deluxe Gold Plate, Translucent Triplex Cord, XX = Length (ft): 3, 6, 10, 15, 25. |
| MMA-RCA3-MM-(XX)XL | Deluxe Gold Plated Triplex Cord. XX = Length (ft): 3, 6, 10, 15, 25, 35, 50, 75, 100. |
| MMA-RCA-MMD-(XX) | Duplex Cord. XX = Length (ft): 1, 3, 6, 10, 12, 15, 18, 20, 25, 50, 75. |
| MMA-RCA3-MM-(XX) | Triplex Cord. XX = Length (ft): 3, 6, 10, 12, 15. |
| MMA-RCA-MMD-6" | Duplex Cord. XX = Length (ft): 1, 3, 6, 10, 12, 15, 18, 20, 25, 50, 75. |
| MMA-RCA-MMD-18" | Duplex Cord. XX = Length (ft): 1, 3, 6, 10, 12, 15, 18, 20, 25, 50, 75. |

Audio/Video - Cables



RCA Video/Audio Cables (cont.)

Bulk Spiral Bound A/V Cable

Coax 2 spiral bound, 500 ft. (roll).

| Part # | Description |
|--------------|---------------|
| MMA-C59+2R | RG59+2 Spiral |
| MMA-C6+R2-UL | RG6+2 Spiral |

DVI Bulk Cable

250 foot roll.

| Part # | Description |
|---------------|--|
| MCC-DVI-3C1P5 | 3 Coax 1 Pair + 5 DVI Analog Cable |
| MCC-DVI-5P3 | 5 Pair + 3 DVI Digital Single Link Cable |
| MCC-DVI-8P3 | 8 Pair + 3 DVI Digital Dual Link Cable |

DVI Digital to DVI Digital Cables

XX = Available lengths in feet.



| Part # | Description | Available Lengths (ft.) |
|-----------------|-------------|-------------------------|
| S-DVI-DMMD-(XX) | Dual Link | 03, 06, 10 |
| S-DVI-DMMS-(XX) | Single Link | 03, 06, 10 |

DVI-Analog to VGA

XX = Available lengths in feet. Available lengths are 03, 06, 10.



Part # S-DVI-VGAMM-(XX)

DVI Gender Changer/Adapters

Fully loaded 29 Pin DVI Gender Changer Adaptor. Metal Grided low-profile thumb screws. Gold plated contacts. Fully shielded, over molded plastic body.



| Part # | Description |
|-------------|---------------------------------|
| AD-DVI-29MM | Male to Male Gender Changer |
| AD-DVI-29MF | Male to Female Port Protector |
| AD-DVI-29FF | Female to Female Gender Changer |

DVI Adaptors



| Part # | Description |
|---------------|---|
| AD-DVIM-VGAF | DVI analog plug to VGA receptacle (F) |
| AD-DVIF-VGAM | DVI I-Analog/Digital receptacle to VGA plug |
| AD-DVIM-DFPOF | DVI Digital plug to DFP receptacle (HPC20F) |
| AD-DVIF-DFPOM | DVI Digital receptacle (F) to DFP plug (HPC20M) |
| AD-DVIFM-A2D | DVI Analog (F) to DVI Digital plug |



MediaStar™ Audio/Multimedia Cables

Pure copper conductors receive a refined tin plating to prevent chemical degradation. The inner cable is heavier than most (26ga. vs 28ga.) to reduce electrical resistance; shielding has also been increased. The outer PVC insulation is advanced (SRPVC) material that will increase life and durability by years. Light gray.

Stereo "Y" Adapter

One 3.5mm stereo plug to two 3.5mm stereo jacks. Used in several brands of PC multimedia speaker systems to split right and left outputs. May be used for two sets of headphones for personal stereo or CD player, etc.



| Part # | Length (inches) |
|--------|-----------------|
| 70-010 | 6 |
| 70-011 | 6 |
| 70-019 | 12 |

Stereo Cable

3.5mm stereo miniplug on each end. Use between sub-woofer and powered stereo pair in PC multimedia. Use between personal CD player and multimedia or other powered speakers. Connect to auxiliary input on multimedia speakers systems from FM stereo radio or CD player.



| Part # | Length (ft.) |
|--------|--------------|
| 70-005 | 3 |
| 70-006 | 6 |
| 70-007 | 12 |
| 70-018 | 25 |

Stereo CD Cable

These adapters are simply very short cables, 3.5mm stereo plugs on each end. They are intended for use when connecting a CD with a PC multimedia sound card. May also be used where a long cable is not necessary or inconvenient.



| Part # | Length |
|--------|----------|
| 70-003 | 6 inches |
| 70-004 | 1 ft. |

Stereo Extension Cable

A stereo 3.5mm plug on one end, to a stereo 3.5mm jack on the other. May be used wherever you need a longer cable between PC multimedia speakers, CD and sound card inputs, or simply your Walkman and amplified speakers.



| Part # | Length (ft.) |
|--------|--------------|
| 70-008 | 3 |
| 70-009 | 6 |
| 70-012 | 12 |
| 70-016 | 25 |

Monaural Cable

3.5mm mono miniplug on each end. Use between powered and slave multimedia speakers, input from tape player or radio to auxiliary jack etc.

| Part # | Length (ft.) |
|--------|--------------|
| 70-001 | 3 |
| 70-002 | 6 |



Audio/Video - Cables



Jumper and Extension Cables

All cables shielded.



Male RCA Type Pin Plug on Both Ends

| Part # | Length | Type |
|--------|--------|--------|
| CA22 | 5 ft. | Nickel |
| CA23 | 6 ft. | Nickel |
| CA26 | 25 ft. | Nickel |

RCA Type Phono Plug to RCA Type In-Line Phono Jacks

| Part # | Length |
|--------|--------|
| CA25 | 3 ft. |

Light-Link Audio Cables - Digital Audio Fiber Optic with Connectors

High purity center core permits light to pass carrying true sound fidelity. Compatible with most DVD players, DISH Network 4720 and DVHS series receivers.



Mini plug (3.5mm) will fit most Discman® and mini-disc players equipped with optical outputs. Also available in 06 and 15 ft. Replace 03 with desired length.

| Part # | Description |
|---------|--|
| 45-1103 | Cable with mini plug to mini plug, 3 feet (1M) |
| 45-1203 | Cable with TosLink to TosLink, 3 feet (1M) |
| 45-1303 | Cable with mini plug to TosLink, 3 feet (1M) |

Audio Cables



| Part # | Description |
|--------|---|
| CA64 | Miniature phone plug (1/8" diameter) to right angle miniature phone plug. 6 ft. |
| CA65 | RCA type phono plug to stripped and tinned leads. 6 ft. |
| CA63 | Miniature phone plug (1/8" diameter) to RCA type phono plug. 6 ft. |
| CA48 | Miniature molded phone plug (1/8" diameter) to stripped and tinned leads. Shielded. 6 ft. |
| CA30 | RCA type phono plug to standard 1/4" phone plug. 6 ft. |

Stereo Patch Cord

For dubbing between walkman type recorders and to assure perfect recordings every time - each plug has built-in resistors to protect against overloading. This six foot patch cord with mini (1/8") plugs at either end connects into the earphone jack of the other.



Part # PR4

Home Theatre Video Cables

Pure gold used on contact surfaces to maintain ideal electrical characteristics. OFC (oxygen free copper) used for inner conductors. Virgin plastics used as insulators.



| Part # | RCA to RCA Part Number | S-VHS Part Number | RCA-BNC Part Number | "F" to "F" RG6 Quad Part Number | Length |
|---------|------------------------|-------------------|---------------------|---------------------------------|--------|
| 45-4203 | 45-4303 | 45-4403 | 45-4503 | 45-4703 | 3 ft. |
| 45-4206 | 45-4306 | 45-4406 | 45-4506 | 45-4706 | 6 ft. |
| 45-4212 | 45-4312 | 45-4412 | 45-4512 | 45-4712 | 12 ft. |
| 45-4225 | 45-4325 | 45-4425 | 45-4525 | 45-4725 | 25 ft. |



Super-Flex Double Shielded Audio Cables



Super-Flex Plus - Gold Plated, Dual RCA Plug Cable Assemblies

Uses Super-Flex Plug cable which has an added wire which is intended for use as a control wire or additional ground wire. Two RCA gold plugs each end on Super-Flex Plus cable.

| Part # | Description |
|--------|---------------------------------|
| 45-412 | Cable Assembly - 12 foot cable |
| 45-417 | Cable Assembly - 17 foot cable |
| 45-420 | Cable Assembly - 20 foot cable |
| 45-425 | Cable Assembly - 25 foot cable |
| 45-407 | Super-Flex Plus, bulk 100 feet |
| 45-408 | Super-Flex Plus, bulk, 200 feet |

Super-Flex Stereo and S-VHS Dubbing Cable

2 RCA - 4 Pin MINI DIN Male/S-VHS. Gold plated S-VHS (male) cable coupled with paired audio cables (audio left and right) with soft PVC jacket.

| Part # | Length |
|---------|--------|
| 45-2403 | 3 ft |
| 45-2406 | 6 ft. |
| 45-2412 | 12 ft. |
| 45-2425 | 25 ft. |
| 45-2450 | 50 ft. |

OFC-Air Insulation Digital Audio/Video Cables

Oxygen free copper with air insulation digital audio cables minimize signal loss. Insulated with highly flexible PVC jackets that makes them easy to use yet durable. Metal connector parts are gold plated for the best connection.

| Part # | Audio/Video 1 RCA - 1 RCA Part Number | Stereo Audio/VCR Mono Dubbing 1 RCA - 1 RCA Part Number | Length |
|---------|---------------------------------------|---|---------|
| 45-5015 | n/a | n/a | 1.5 ft. |
| 45-503 | CA92 | CA10 | 3 ft. |
| 45-5045 | n/a | n/a | 4.5 ft. |
| 45-506 | CA94 | CA12 | 6 ft. |
| 45-512 | n/a | n/a | 12 ft. |
| 45-5025 | n/a | n/a | 25 ft. |

Dual RCA Plug Cable Assemblies

Two RCA plugs each end on Super-Flex cable.

| Part # | Description |
|--------|------------------|
| 45-405 | 1/2 foot cable |
| 45-415 | 1 1/2 foot cable |
| 45-403 | 3 foot cable |

Com-V Video Cables DVD Component Video Cables

For TV and DVD players equipped with component video jacks. Component video connectors bypass the TVs Y/C separator and color decoder, routing the color (Y - green, Cr - red, Cb - blue) directly into TVs matrix decoder. Sending the pure DVD component video signal to an input-equipped display device the DVD signal forgoes extra processing that normally degrade the image. Supplied with three color coded RCA male connectors on each end.



| Part # | Cable Length |
|---------|--------------|
| 45-3303 | 3 ft. |
| 45-3306 | 6 ft. |
| 45-3312 | 2 ft. |



Audio/Video - Cables



Dual RCA Home Theatre Cables

OFC (oxygen free copper) with gold plated RCA plugs on each end. Can be used with both audio and video applications.



| Part # | Cable Length |
|---------|--------------|
| 45-4603 | 3 ft. |
| 45-4606 | 6 ft. |
| 45-4612 | 12 ft. |

Stereo and Mono Mini Cables

Shielded audio cable with 3.5mm or 2.5mm plug on each end. The perfect extension cable for stereo and mono applications.



| Part # | Description |
|--------|-------------------------------|
| CA66 | 6 ft. 3.6mm (1/8") plugs |
| PR5 | 6 ft. 3.6mm (1/8") plugs |
| PR5G | 6 ft. Gold plated 3.5mm plugs |

Stereo Jumper Cables

Fully shielded stereo (two conductor plus grounding shield) jumper cable with color-coded RCA-type phono plugs at each end. Newly introduced are gold plated connectors for reduced contact resistance and elimination of oxidation and/or corrosion. The gold plated cable assemblies have black insulating jackets. The nickel plated cable assemblies have black jackets. Male to male.



| Part # | Description |
|--------|---------------|
| CA34 | nickel 3 ft. |
| CA35 | nickel 4 ft. |
| CA36 | nickel 6 ft. |
| CA37 | nickel 12 ft. |
| CA39 | nickel 25 ft. |
| CA59 | nickel 50 ft. |
| CAG34 | gold 3 ft. |
| CAG36 | gold 6 ft. |
| CAG37 | gold 12 ft. |
| CAG39 | gold 25 ft. |

S-Video or S-VHS Cables

For use with S-VHS equipment or TV sets that use an S-connector for separate luminance and chroma signals. Cables use gold plated (4-pin mini din) connectors.



| Part # | Description |
|---------|--------------------------------|
| VHS46 | 4-Pin male on each end, 6 ft. |
| VHS412 | 4-Pin male on each end, 12 ft. |
| VHS406 | 4-Pin male to female, 6 ft. |
| VHS4012 | 4-Pin male to female, 12 ft. |
| VHS425 | 4-Pin male to male, 25 ft. |
| VHS450 | 4-Pin male to male, 50 ft. |
| VHS410 | 4-Pin male to male, 100 ft. |

Bulk S-Video cables. Black PVC outer insulation, red and white inner conductors (two) that have insulated shields for a total of four connectors.

| Part # | Size |
|--------|-----------|
| 45-525 | 250 feet |
| 45-550 | 500 feet |
| 45-510 | 1000 feet |



Tech's Jumper Cable Set

Color-coded lead wires with insulated alligator clips on each end. Each set includes ten leads, two each of five different colors. Indispensable for testing service, during circuit design, etc. Colors are black, green, red, white and yellow. (12 strand wire), 22" long.



Part # SA22

Heavy Duty Jumper Cable Sets

For the serious user in the lab or test bench, sets include five tough jumper cables, of five different colors, with insulated alligator clips one each end. Twenty strand wire and flexible insulation is used for long life. Colors are black, green, red, white and yellow.



| Part # | Description |
|--------|-----------------------------|
| SA44 | Set of five, 22" long leads |
| SA45 | Set of five, 36" long leads |

Super-Flex Stereo and Video Dubbing Cables

3 RCA - 3 RCA old plated. Flexible paired cables, 75 ohm coaxial video and fully shielded audio. Terminated with molded RCA plugs. Soft PVC jacket for flexibility. Color coded A/V.



| Part # | Length |
|---------|----------|
| VCK8T | 8 feet |
| VCK812T | 12 feet |
| VCK825T | 25 feet |
| VCK850T | 50 feet |
| VCK81T | 1.5 feet |
| VCK83T | 3 feet |
| VCK84T | 4.5 feet |



Bantam Plug Patch Cable

Rating is 300 VRMS, 50°C (122°F) maximum. Cable type is 2 conductor shielded twisted pair, .180" O.D. X = Length. Ordering example: 4279-12.



| Part # | Description | Available Lengths |
|-----------|----------------------|---------------------------------|
| 4279N-(X) | Brass, nickel plated | 24, 36, 60 |
| 4279-(X) | Brass, unplated | 12, 24, 36, 48, 60, 72, 96, 120 |



Component Video Cables

Offers uncompromising performance for DVD, HDTV, Projector, home-theater and cable/satellite systems. These high quality 75 ohm video cables feature color-coded connectors for component video (Y, PB, PR) signals which provide easy, error-free connection.



Component Video/Audio Cables - 5 RCA Male/Male

| Part # | Length |
|----------|--------|
| VCA-6403 | 3 ft. |
| VCA-6406 | 6 ft. |
| VCA-6412 | 12 ft. |
| VCA-6425 | 25 ft. |
| VCA-6450 | 50 ft. |



Audio/Video - Cables



Component Video Cables (cont.)

Component Video Cables - 3RCA Male/Male

| Part # | Length |
|----------|--------|
| VCA-6303 | 3 ft. |
| VCA-6306 | 6 ft. |
| VCA-6312 | 12 ft. |
| VCA-6325 | 25 ft. |
| VCA-6350 | 50 ft. |

Audio Cable Assemblies

For audio patching applications.



| Part # | Description |
|----------|--|
| VCA-4106 | 6' Mono RCA Male to RCA Male Shielded Cable |
| VCA-4112 | 12' Mono RCA Male to RCA Male Shielded Cable |
| VCA-3103 | 3' Stereo RCA Male to RCA Male Shielded Cable |
| VCA-3106 | 6' Stereo RCA Male to RCA Male Shielded Cable |
| VCA-3112 | 12' Stereo RCA Male to RCA Male Shielded Cable |
| VCA-3125 | 25' Stereo RCA Male to RCA Male Shielded Cable |
| VCA-7010 | Y Cable - Stereo 3.5mm Mini Plug to 2 RCA Jacks - Shielded |
| VCA-7020 | 7 Cable - 2 RCA Male Plugs to 1 RCA Jack - Shielded |
| VCA-7030 | Y Cable - 1 RCA Plug to 2 RCA Jacks - Shielded |

Dubbing ,Video and Audio Cable Assemblies

For connecting and patching video and audio signals.

The dubbing cables are available in various lengths and in mono or stereo configurations. They are manufactured with high-quality cables and each end is clearly marked with audio channels and video designations. The connector ends are gold plated for improved contact characteristics and over molded with cable strain reliefs. The S-VHS Mini-Din4 to Mini-Din4 cables also feature gold plated connectors and are made with high quality cable.



| Part # | Description |
|----------|---|
| VCA-4203 | 3' Mono Video/Audio Dubbing Cable 1 RCA-RCA for Audio, 1 RCA-RCA for Video, Gold Plated Connectors |
| VCA-4206 | 6' Mono Video/Audio Dubbing Cable 1 RCA-RCA for Audio, 1 RCA-RCA for Video, Gold Plated Connectors |
| VCA-4212 | 12' Mono Video/Audio Dubbing Cable 1 RCA-RCA for Audio, 1 RCA-RCA for Video, Gold Plated Connectors |
| VCA-3203 | 3' Stereo Video/Audio Dubbing Cable 2 RCA-RCA for Audio, 1 RCA-RCA for Video, Gold Plated Connectors |
| VCA-3206 | 6' Stereo Video/Audio Dubbing Cable 2 RCA-RCA for Audio, 1 RCA-RCA for Video, Gold Plated Connectors |
| VCA-3212 | 12' Stereo Video/Audio Dubbing Cable 2 RCA-RCA for Audio, 1 RCA-RCA for Video, Gold Plated Connectors |
| VCA-5206 | 6' Mini-Din4 Male to Mini-Din4 Male |
| VCA-5212 | 12' Mini-Din4 Male to Mini-Din4 Male |
| VCA-5225 | 25' Mini-Din4 Male to Mini-Din4 Male |
| VCA-5250 | 50' Mini-Din to Mini-Din4 Male |

Pro Compression F Cables

| Part # | Description |
|----------|---|
| VFC-3101 | 1 ft. RG-6 cable with compression F male - Black |
| VFC-3103 | 3 ft. RG-6 cable with compression F male - Black |
| VFC-3105 | 5 ft. RG-6 cable with compression F male - Black |
| VFC-3106 | 6 ft. RG-6 cable with compression F male - Black |
| VFC-3110 | 10 ft. RG-6 cable with compression F male - Black |
| VFC-3115 | 15 ft. RG-6 cable with compression F male - Black |

Pro Compression F Cables (cont.)

| Part # | Description |
|------------|---|
| VFC-3125 | 25 ft. RG-6 cable with compression F male - Black |
| VFC-3150 | 50 ft. RG-6 cable with compression F male - Black |
| VFC-3175 | 75 ft. RG-6 cable with compression F male - Black |
| VFC-31100 | 100 ft. RG-6 cable with compression F male - Black |
| VFC-31150 | 150 ft. RG-6 cable with compression F male - Black |
| VFC-3102.5 | 2 1/2 ft. RG-6 cable with compression F male - Black |
| VFC-4103 | 3 ft. RG-6 Quad cable with compression F male - Black |
| VFC-4106 | 6 ft. RG-6 Quad cable with compression F male - Black |
| VFC-4110 | 10 ft. RG-6 Quad cable with compression F male - Black |
| VFC-4115 | 15 ft. RG-6 Quad cable with compression F male - Black |
| VFC-4125 | 25 ft. RG-6 Quad cable with compression F male - Black |
| VFC-4150 | 50 ft. RG-6 Quad cable with compression F male - Black |
| VFC-4175 | 75 ft. RG-6 Quad cable with compression F male - Black |
| VFC-41100 | 100 ft. RG-6 Quad cable with compression F male - Black |
| VFC-41150 | 150 ft. RG-6 Quad cable with compression F male - Black |

Video/Audio Cable Assembly

| Part # | Description |
|----------|---|
| NBC-1712 | 12' BNC - BNC CABLE 75 OHM |
| NBC-1706 | 6' BNC - BNC CABLE 75 OHM |
| NBC-1703 | 3' BNC-BNC RG 59 MALE-MALE BLACK CABLE 75 OHM |



DVI Cables



| Part # | Description | Length | Connector A | Connector B |
|----------|------------------------------------|--------|------------------------|------------------------|
| P560-006 | DVI Dual Link TDMS Cable | 6 ft. | DVI Dual Link (Male) | DVI Dual Link (Male) |
| P560-010 | DVI Dual Link TDMS Cable | 10 ft. | DVI Dual Link (Male) | DVI Dual Link (Male) |
| P561-006 | DVI Single Link TDMS Cable | 6 ft. | DVI Single Link (Male) | DVI Single Link (Male) |
| P561-010 | DVI Single Link TDMS Cable | 10 ft. | DVI Single Link (Male) | DVI Single Link (Male) |
| P562-006 | DVI Dual Link Extension TDMS Cable | 6 ft. | DVI Dual Link (Male) | DVI (Female) |



High Resolution Video Cable

High resolution video cable with gold-plated RCA plugs on each end make better contact to provide the best possible image from video tape and laser disc players. Superior shielding reduces ghosting and color impurities associated with external interference. 6 ft.

Part # 32-3765

Super VHS Video Cable

4-pin mini DIN plugs on both ends are designed for super VHS video cassette recorders. PE foam improves degree of isolation providing the highest resolution picture available, free from external interference. Gold-plated pins prevent loss at point of contact for the sharpest possible image.

| Part # | Cable Length |
|---------|---------------|
| 32-3766 | 2 Meter cable |
| 32-3767 | 5 Meter cable |



Audio/Video - Cables



Unshielded Cables

Two-conductor male RCA phono pin plug to male RCA phono pin plug.



| Part # | Length (ft.) | Size |
|---------|--------------|------|
| 30-1705 | 20 | 18 |
| 30-1706 | 20 | 24 |
| 30-1707 | 40 | 18 |
| 30-1708 | 40 | 24 |



S-VHS Video Cable

4-pin S-connector plug to 4-pin S-connector plug. Compatible with S-VHS equipment and televisions that use a 4-pin S-connector to separate luminance (Y) and chroma (C) signals, which will provide an enhanced, signal to noise ratio, horizontal resolution, contrast and picture quality.

| Part # | Length |
|---------|--------|
| 32-3165 | 6 ft. |
| 32-3166 | 12 ft. |
| 32-3167 | 25 ft. |

Audio/Video - Transformers



Speaker Matching Transformers

These transformers allow an 8-ohm speaker to be connected to 70V or 25V amplifier outputs. An 8-ohm secondary connects to the speaker and the multi-tap primary connects to the 70V or 25V amplifier output.



| Part # | Watts | Power Taps | Dimensions (W x H x D) |
|--------|-------|--------------------------|--------------------------|
| T725 | 4 | 4, 2, 1, 1/2, 1/4, 1/8 | 2 1/2" x 1 1/4" x 1 3/8" |
| T72510 | 10 | 10, 5, 2 1/2, 1 1/4, 5/8 | 3" x 1 1/2" x 1 1/2" |



Matching Transformer

Allows proper connections between high (10k-ohm) and low (600-ohm) inputs and outputs. Can be used to balance an unbalanced line or provide isolation between two pieces of equipment. Can be configured to produce a balanced, microphone level signal from a line level signal such as that from a pre-amp or music source. Matches high-to-low impedance or low-to-high impedance. Adapts line level signals to microphone inputs. RCA connector for Hi-Z side. Screw terminals for Lo-Z side. Small steel enclosure with mounting ears allows easy mounting anywhere. Dimensions are 2" x 2 3/8" x 1 1/4".



Plug-In Transformers



| Part # | Description | Associated Models | Dimensions (Dia. x D) |
|--------|-------------------|-----------------------|-----------------------|
| TL100 | 1:1 Ratio plug-in | BPA60/HTA125A/HTA250A | 1" x 1 1/4" |
| TL600 | Plug-in: 600-ohms | BPA60/HTA125A/HTA250A | 1" x 1 1/4" |

Part # WMT1A

Audio/Video - Converters, Adapters & Splitters



3.5mm Stereo Splitters

Easily connect two sets of speaker or headphones to one PC audio port.



| Part # | Description |
|----------|-----------------------------------|
| AUD-3000 | "Y", 1 Male, 2 Female |
| AUD-3010 | 1 Male, 2 Mono Female, 8" pigtail |

Easily connect your stereo headset & Mic to a PC audio port and mic port. This flexible 8" "Y" cable splits an audio signal without a loss of signal quality. 1 Female, 2 Male.



Part # AUD-3050

RCA Splitters

Split a single RCA audio connection into a dual with this premium "Y" cable. This quality 6" cable features female and male connectors that are color coded for easy identification.



| Part # | Description |
|-------------|------------------|
| AUD-1400-01 | 1 Male, 2 Female |
| AUD-1500-01 | 2 Male, 1 Female |



Splitters for Satellite and Digital TV



| Part # | Description | QTY |
|--------|---|-----------|
| 85-132 | High Performance Cable Splitter, 5MHz-1GHz 2-Way | Card of 1 |
| 85-134 | High Performance Cable Splitter, 5MHz-1GHz 4-Way | Card of 1 |
| 85-133 | High Performance Cable Splitter, 5MHz-1GHz 3-Way | Card of 1 |
| 85-138 | High Performance Cable Splitter, 5MHz-1GHz, 8-Way | Card of 1 |
| 85-332 | Cable Splitter, 5MHz-2.3GHz 2-Way | Card of 1 |
| 85-333 | Cable Splitter, 5MHz-2.3GHz 3-Way | Card of 1 |
| 85-334 | Cable Splitter, 5MHz-2.3GHz 4-Way | Card of 1 |



Digital Video Adapter

DVI digital or analog male to HD15 female. DVI-I Dual link male to VGA female.



Part # 328883



Audio/Video - Converters, Adapters & Splitters



Professional Video Splitters

350 Mhz signal bandwidth. Automatic power save when VGA input is lost. HD15 connections. Computer-to-video splitter range: 25 ft. Video splitter-to-monitor range: 210 ft. Duplicates a video signal for up to 8 VGA outputs. No software or hardware configuration required.



| Part # | Description |
|--------|--|
| 169349 | 2 port, Connectors: 1 HD15 male, 2 HD15 female |
| 169356 | 4 port, Connectors: 1 HD15 male, 4 HD15 female |
| 169363 | 8 port, Connectors: 1 HD15 male, 8 HD15 female |

Video Splitters

150 MHz signal bandwidth. HD15 connections. Computer-to-video splitter range: 25 ft. Video splitter-to-monitor range: 165 ft. Supports up to 1600 x 1280 resolution. Duplicates a video signal for up to 8 VGA outputs. No software or hardware configuration required.



| Part # | Description |
|--------|--|
| 171007 | 2 port, Connectors: 1 HD15 male, 2 HD15 female |
| 171014 | 4 port, Connectors: 1 HD15 male, 4 HD15 female |
| 171021 | 8 port, Connectors: 1 HD15 male, 8 HD15 female |

Professional Video Splitter

Duplicates a video signal for up to 2 VGA outputs. 400 MHz signal bandwidth. Separate adjustable output level and line equalization controls. HD 15 connections. Computer-to-splitter range: 24.5 ft. Video splitter-to-monitor range: 164 ft. Connectors: 1 HD15 male, 2 HD15 female. No software or hardware configuration required.



Part # 175135

DVI Video Splitter

Duplicates and boosts one DVI Signal for up to 2 DVI outputs. 200 MHz signal bandwidth - supports single and dual DVI signals. DVI-I female connections fits analog or digital monitors. Lifetime warranty. Computer-to-splitter range: 1.8 m (6 ft.). Video splitter-to-monitor range: 1.8 m (6 ft.). Connectors: 3 DVI-I female. 12 V DC / 500 mA power adapter included.



Part # 175142



Stereo Extension / Adapter Cords



| Part # | Description |
|------------------|--|
| MMA-3.5F/RCA2-6' | 3.5 Jack to 2 RCA Plug Cord, 6 ft. |
| MMA-3.5MF2-1' | Sound extension splitter cord, 1 ft. |
| MMA-3.5M/RCA2-6' | 3.5 Plug to 2 RCA Plug Cord, 6 ft. |
| MMA-3.5MF-10' | 3.5 Plug/Jack Extension Cord, 10 ft. |
| MMA-3.5MM-1' | 3.5 Plug Sound Card Connection Cord, 1 ft. |
| MMA-RCAFF2-6" | RCA female to 2 female adaptor cord, 6 ft. |
| MMA-RCAFM2-6" | RCA female to 2 male adaptor cord, 6 ft. |

SVHS to RCA Adaptor Cable

Molded RCA or BNC ends. Color coded ends (white and red). Gold plated shell and contacts.

| Part # | Description |
|------------------|-------------------------------------|
| MMA-SVHS/BM2-18" | SVHS male to 2 male BNC 18 inches |
| MMA-SVHS/BF2-18" | SVHS male to 2 female BNC 18 inches |



Duplex Adapters

Ivory color. Gold plated contact. Split one line into two.

| Part # | Description |
|--------------|---------------------------------------|
| DC-101T-6DSL | Split-T Voice/Data ADSL Microfilter |
| DC-101T-8C5 | CAT 5T-MOD, All Pass |
| DC-101T-8E2 | 2 Ethernet Jack T-MOD |
| PT-101-422 | 4 in 2&2 out L1+L2 |
| PT-101-444 | 6p4c Plug, 2 6p4c Jacks |
| PT-101-666 | 6p6c Plug, 2 6p6c Jacks |
| PT-101-888 | 8p8c Plug, 2 8p8c Jacks |
| PT-101-448 | 6p4c Plug, 1 6p4c Jacks, 1 8p8c Jacks |

RCA Series

RCA plug snap fit for mini coax.

Part # RCA-6027WS

RCA In-Line Couplers

Single Coupler

| Part # | Description |
|-------------|-------------------------------|
| RCA-6194 | RCA barrel with white insert |
| RCA-6194-RD | RCA barrel with red insert |
| RCA-6194-YW | RCA barrel with yellow insert |

Dual Coupler

| Part # | Description |
|-------------|---|
| RCA-6195 | Dual RCA barrel with red and white insert with black body |
| RCA-6195-WH | Dual RCA barrel with red and white insert with white body |

Triple Coupler

| Part # | Description |
|-------------|---|
| RCA-6196 | Triple RCA barrel with white, red and yellow insert with black body |
| RCA-6196-WH | Triple RCA barrel with white, red and yellow insert with white body |



Shielded Cable Adapter

A 6 ft shielded cable with an 1/8" mini-stereo molded plug at one end and two color-coded RCA plugs at the other. This is for playing a stereo radio, recorder or CD player through your home stereo system.



| Part # | Description |
|--------|-------------|
| CA31 | 12ft. |
| CA33 | 6 ft. |

Cannon to 1/4" Mono Adapters

Covers all of the possible Cannon 3 Pin to 1/4" adapter needs.



| Part # | Description |
|--------|---------------------------|
| T630 | 3 pin female to 1/4" male |
| T660 | 3 pin male to 1/4" female |

Audio/Video - Converters, Adapters & Splitters



Shielded Cable Adapters



| Part # | Description |
|--------|--|
| 4000 | Two RCA type phono plugs in parallel with an RCA type phono jack. 6" length. |
| 4010 | Two RCA type phono jacks in parallel with an RCA type phono plug. 6" length. |
| 4040 | Three RCA type phono plugs in parallel. 6" length. |
| 4050 | RCA type phono plug and jack in parallel with an RCA type phono plug. 6" length. |
| 4070 | Two stereo 1/4" molded phone jacks in parallel with 1/4" molded stereo phone plug shielded cable. 6" length. |
| 4005 | Miniature mono plug 1/8" to two RCA type jacks. 6" length. |
| 4080 | Mono phone plug 1/4" to two RCA type phono jacks. 6" length. |

"Y" Adapter



| Part # | Description |
|--------|---|
| CA75 | Use two mini headphones from single stereo jack. With 3.5mm stereo phone plug and two 3.5mm stereo jacks. |
| CA76 | Same as CA75 with 6 ft. cable. |
| 4025 | Special adapter has 3.5mm stereo phone plug and two each 3.5mm mono phone jacks. |

1 GHz TV/FM Isolator

5-1000 MHz TV/FM Isolator



Part # CS200

High "Q" 1 GHz CATV Splitters

Zinc diecast, nickel plated housing for corrosion resistance. Tongue and groove backplate design provides over 120dB RFI shielding. PCB design for best performance. 5MHz-1 GHz. All "F" ports with protective weather cap.



| Part # | Description |
|--------|----------------|
| 8110PL | 2-way splitter |
| 8002PL | 3-way splitter |
| 8113PL | 4-way splitter |

High "Q" Satellite Splitters - Silver Series

Completely sealed housing. 5-2050 MHz frequency range. Power passive to all ports. Built-in two grounding block. Precision machined threaded "F" connectors on all ports with weather cap.



| Part # | Description |
|--------|----------------|
| CS202 | 2-way splitter |
| CS203 | 3-way splitter |
| CS204 | 4-way splitter |
| CS206 | 6-way splitter |
| CS208 | 8-way splitter |

High "Q" Splitter

High quality heavy zinc die-cast housing. Gold plated F-Female machine threaded connector on all parts. PCB design with multiple capacitors, cores for best performance.



| Part # | Description |
|--------|----------------|
| CS602L | 2-way splitter |
| CS603L | 3-way splitter |
| CS604L | 4-way splitter |



High Frequency Satellite Splitter

900-2050MHZ. Die-cast housing. Low thru loss. "F" type connector.



| Part # | Description |
|--------|--|
| 6126 | 2-way splitter, power passive to one port |
| 6122 | 4-way splitter, power passive to one port |
| 6121 | 4-way splitter, power passive to all ports |
| 6125 | 2-way splitter, power passive to all ports |

Multi-Coaxial Indoor/Outdoor Hybrid Splitters

Channels 2-83 VHF/UHF/FM and any video recorder. All hybrid splitters are now housed in hemetic zinc die-cast cases for both indoor and outdoor use. Frequency range is 5-900. Impedance input and output is 75 ohm. Insertion loss is UHF 4 dB - VHF 3.5 dB. Return loss is UHF 15 dB - VHF 20 dB. Isolation is UHF 25 dB - VHF 30 dB.



| Part # | Description |
|--------|--|
| CS12 | Miniature 2-way hybrid |
| 42-132 | 3-way splitter for wall plate mounting |
| CS13 | 2-way hybrid with grounding block |
| CS13G | 2-way hybrid with grounding block, gold plated |
| CS13-3 | 2-way splitter, economy 3 pack of No. CS13 |
| 76-180 | 2-way hybrid, box of 10 |
| CS14 | 3-way hybrid |
| 76-182 | 3-way hybrid, box of 10 |
| CS15 | 4-way hybrid |
| CS15G | 4-way hybrid, gold plated |
| 76-184 | 4-way hybrid, box of 10 |
| 42-136 | 6-way splitter |
| 42-138 | 8-way splitter |

Home Theatre Audio and Video Gold Adapters



| Part # | Description |
|----------|---|
| 45-4010G | Theatre Pro A/V "Y" adapter, RCA plug to 2 RCA jacks, gold plated, OFC cable, gray color jacket - 7" length. Can be used for both audio and video applications. |
| 45-4000G | Theatre Pro A/V "Y" adapter, RCA plug to 2 RCA jacks, gold plated, OFC cable, gray color jacket - 7" length. Can be used for both audio and video applications. |
| 45-303G | 1/4" mono plug to RCA jack. |
| 45-222G | 1/4" Stereo plug to 1/8" stereo jack. |
| 45-311G | Dual RCA jack, female on each end. |
| 45-313G | Right angle RCA adapter, male to female. |
| 45-453 | S-VHS "Y" adapter, MD4 Male/(2) RCA male. |
| 45-424 | S-VHS "Y" adapter, MD4 Male/ (2) MD4 Female. |
| 45-309G | Dual "F" female coupler, joins two cables. Use in-line or panel in 3/8" hole. Pkg of two. |

Composite To S-VHS 2 Way Adaptors

S-VHS (S-Video) to composite (RCA) adaptor is a low cost alternative to a high priced active converters. Unique circuit converts a standard base-band signal to a S-VHS signal. Gold plated connectors.



| Part # | Description |
|--------|------------------|
| 45-499 | S-VHS/M to RCA/F |
| 45-479 | S-VHS/F to RCA/M |



Audio/Video - Converters, Adapters & Splitters



RCA Type (Phono) Connectors



| Part # | Description |
|---------|---|
| SA13 | RCA Female Adaptor or Coupler Nickel plated, Phono jacks on both ends |
| SAG13 | RCA Female Adaptor or Coupler Gold plated, Phono jacks on both ends |
| SAG23 | RCA Female Adaptor or Coupler 2 RCA-2 RCA, gold plated, Phono jacks on both ends |
| 45-333G | RCA Female Adaptor or Coupler 3 RCA-3 RCA, gold plated, Phono jacks on both ends. |



XLR Triple Binding Post

Adapter makes it easy to split out the signals from the three XLR audio conductors for access via 5-way binding posts. RJ11 jack also simplifies connection to phone for ring down tests of audio lines or for phone communications across audio cables.



| Part # | Type | RJ11 |
|--------|------|------|
| 7288 | (m) | Yes |
| 7289 | (f) | Yes |
| 7286 | (m) | No |
| 7287 | (f) | No |

XLR Straight Cable Connectors-Rugged

Passes the 100 pound stress test. When connection failure is simply not an option, depend on Pomona XLR connectors. The patented XLR cable retention system can withstand up to 100 pounds (45.35kg) of pull and up to 50,000 bends under stress.



| Part # | Type | Pins | Shell | IDC | Contacts | Lbs of Pull |
|--------|------|------|--------------|-----|----------|-------------|
| 5109A | (f) | 3 | Nickel | No | Silver | 100 |
| 5110 | (m) | 3 | Nickel | No | Silver | 100 |
| 5125A | (f) | 5 | Nickel | No | Silver | 45 |
| 5126A | (m) | 5 | Nickel | No | Silver | 45 |
| 6852 | (f) | 3 | Black Nickel | No | Gold | 100 |
| 6853 | (m) | 3 | Black Nickel | No | Gold | 100 |
| 7273 | (m) | 3 | Nickel | Yes | Silver | 100 |
| 7274 | (f) | 3 | Nickel | Yes | Silver | 100 |
| 7275 | (m) | 3 | Black Nickel | Yes | Silver | 100 |
| 7276 | (f) | 3 | Black Nickel | Yes | Silver | 100 |
| 5109 | (f) | 3 | Nickel | No | Silver | 100 |

XLR Straight Cable Connectors-General Duty



| Part # | Type | Pins | Shell | Contacts |
|--------|------|------|---------------|---------------|
| 6850 | (f) | 3 | Black Nickel | Gold Plated |
| 6851 | (m) | 3 | Black Nickel | Gold Plated |
| 7283 | (f) | 3 | Nickel Plated | Silver Plated |
| 7284 | (m) | 3 | Nickel Plated | Silver Plated |
| 7093 | (m) | 4 | Nickel Plated | Silver Plated |
| 7094 | (f) | 4 | Nickel Plated | Silver Plated |



Bantam (Female) To WE310 Plug Adapter

Brass plug body. Three conductor adapter. Converts bantam cable into a WE310 plug-end patch cable. Plug is unplated brass.



Part # 4993

BNC Female To Bantam Phone Plug

Rating is 500V peak, 50°C (122°F) max. Convert bantam style jacks to BNC.



Part # 4719

BNC Female To Mini Weco Plug Adapter

Rating is 500 VRMS. 102°C (216°F) max. Permits BNC male to be used with equipment having mini-Weco jacks. Video plug equivalent to WE-090.



Part # 6519

BNC Female To WE-309 Phone Plug

Rating is 500V peak, 50°C (122°F) max.



Part # 1794

BNC Female To WE-310 Phone Plug

Rating is 500V peak, 50°C (122°F) max.



Part # 2798

BNC Female To 1/4" Phone Plug

Rating is 500 VRMS max., 125°C (257°F) max. Convert 2 conductor audio jacks to BNC.



Part # 1297

Bantam Plug To Double Banana Plug, Balanced Line

Rating is 500V peak, 55°C (131°F) max. Two conductor shielded microphone, .180" O.D. is cable type. Plug type is unplated brass. Length is 60 inches.



Part # 4281-60

WE310 Plug To Two Alligator Clips

Rating is 150 VRMS, 50°C (122°F) max. Two conductor twisted pair, .250" O.D. is cable type. Unplated brass plug. X=Length. Ordering example: 3352-A-36. Available lengths in inches: 36, 60, 84.



Part # 3352-A-(X)

Two Single Bantam Plugs to RJ48 Connectors

Rating is 300 VRMS. Cable type is 2 and 4 conductor shielded twisted pair. Bantam "Y" (Tx and Rx) to RJ48 modular plug. Pin out is 1-ring, 2-tip, 4-ring and 5-tip. Length is 96 inches. Plug is nickel plated brass.



Part # 6320-96

Bantam Plug To WE310 Brass Plug Patch Cable

Rating is 300 VRMS, 50°C (122°F) max. Cable type is two conductor shielded twisted pair, .180" O.D. X=Length. Plug type is unplated brass. Ordering example: 4280-36. Available lengths in inches are 36, 48, 60, 96.



Part # 4280-(X)

Audio/Video - Converters, Adapters & Splitters

Pomona

Bantam Plug To Two Alligator Clips

Rating is 150 VRMS, 50°C (122°F) maximum. Cable type is two conductor shielded microphone, .180" O.D. 60 inches. Also available in 36 inches.



| Part # | Description |
|----------|----------------------|
| 5026-60 | Brass, unplated |
| 5026N-60 | Brass, nickel plated |

High Definition 75 Ohm BNC Connectors

Designed for minimum return loss. Optimized for performance at HDTV and broadband frequencies. Shell is tarnish resistant black nickel plated brass. Center contact is male, gold plated black brass & female, gold plated beryllium copper.



| Part # | Type | For Cable |
|--------|---------------------------|-----------------|
| 6702 | BNC (m) | RG59B/U, 20 AWG |
| 6703 | BNC (m) | RG6B/U, 18 AWG |
| 6704 | BNC (m) | RG59B/U, 23 AWG |
| 6705 | BNC (f/f) Panel Connector | n/a |

BNC (F) To Banana Plugs

Converts BNC cables with male plugs to stackable banana plugs for versatility. BNC connector and banana plugs are molded directly to the wire for pull strength durability and dust and moisture resistance. BNC center contact is gold plated Beryllium Copper for corrosion resistance, low resistance and long insertion life.



Part # 3073

Square Flanged Panel Receptacles

| Part # | Type | Pins | Shell | Contacts |
|--------|------|------|---------------|-------------|
| 7111 | (f) | 3 | Black Nickel | - |
| 7113 | (m) | 3 | Black Nickel | Gold Plated |
| 7114 | (f) | 3 | Nickel Plated | Gold Plated |
| 7115 | (f) | 3 | Nickel Plated | Gold Plated |

QUEST
LANSING, MICHIGAN

1 GHz Splitters

Features 5 to 1000 MHz frequency range. High quality tin plated zinc die-cast housings with PC board component design, solder back housing allowing -130dB RFI shielding. All ports are DC blocked.



| Part # | Description |
|----------|----------------|
| VSP-2220 | 2-way splitter |
| VSP-2320 | 3-way splitter |
| VSP-2420 | 4-way splitter |

5-900MHz UHF/VHF/FM Splitters

Feature high-strength zinc die-cast housings, anticorrosive finish and precision threads. Mounting screws are provided.



| Part # | Description |
|----------|------------------------------------|
| VSP-1210 | 2-way splitter in mini housing |
| VSP-1220 | 2-way splitter in standard housing |
| VSP-1320 | 3-way splitter in standard housing |
| VSP-1420 | 4-way splitter in standard housing |
| VSP-1620 | 6-way splitter in standard housing |
| VSP-1820 | 8-way splitter in large housing |

TRIPP LITE

VGA/SVGA Video Splitter

Simultaneously displays one video presentation on up to 4 separate VGA/SVGA monitors. Ideal for video presentation in sales or training applications. 4 ports and 5 connectors. Input connector is HDDB15 (x1 Male). Output connector is HDDB15 (x4 Female).



Part # B114-004-R

Waldom / CC
ELECTRONICS
THE CLEAR CHOICE

PowerFlex™ Audio Adapters

Gold plated solid brass construction provides ultra low resistance and prevents deterioration of contact surfaces.



| Part # | Description |
|---------|--------------------------------|
| 30-1212 | Gold RCA jack to RCA jack |
| 30-1213 | Gold RCA plug to RCA plug |
| 30-1215 | Gold RCA plug to dual RCA jack |

S-VHS Adapter

4 pin S-connector jack to 4 pin S-connector jack, used to connect two S-VHS video cables with 4 pin S-connector plugs.



Part # 32-3170

Right Angle Adapter

Space limitations often require the use of a RCA male to RCA female right angle adapter. Gold plated connections for optimum performance in home or car installations.



Part # 30-474

Metal "Y" Adapters



| Part # | Description |
|--------|---|
| 30-500 | Standard 1/4" phone plug (2-conductor) to 2 phono pin jacks |
| 30-504 | Phono pin plug to 2 phono pin jacks |

Splitters

Splits one inbound 75 ohm video signal to multiple 75 ohm video outlets. All terminals use standard threaded "F" Video connectors. Anti-corrosion plating and sealed case resist the elements. Built in ground block. Frequency Range: 5-900 MHz Insertion Loss: UHF 4dB; VHF 3.5dB Return Loss: UHF 15dB; VHF 20dB Isolation: UHF 25dB; VHF 30dB.

| Part # | Description |
|------------|----------------------------|
| 32-3018-BU | 2-Way Splitter With Ground |
| 32-3039-BU | 900 MHz 8-Way Splitter |

Splitter RSC 2 GHZ

2GHz Satellite Splitter Band width of 5-2150 ideally suited for satellite installation. Splits or combines signals on cable carrying both UHF/VHF signals (54-860MHz), cable signals (5-1000MHz), and/or satellite signals. All terminals use standard threaded "F" video connectors. Anti-corrosion gold plating and epoxy-sealed case provide the best resistance to the elements and signal transfer. Grounding block built in.

| Part # | Description |
|------------|-------------|
| 32-3244-BU | 4-WAY |
| 32-3288-BU | 8-WAY |

EDGE

Audio/Video - Connectors & Baluns



F-Conn Audio/Visual Connectors



RCA Connectors

Designed for custom installations when appearance matters. Connectors come in nickel and gold for a professional finished look.

| Part # | Cable Size | Description |
|--------------|---------------|----------------------------------|
| FSRCA1RGB | 26AWG | RCA Mini Coax Nickel Multi-Piece |
| FS1RCA | 26AWG | RCA Mini Coax Nickel One-Piece |
| RGRCA1RGB | 26AWG | RCA Mini Coax Gold Multi-Piece |
| RG1RCA | 26AWG | RCA Gold One-Piece |
| FSRCA15RGB | 22-24AWG | RCA Mini Coax Nickel Multi-Piece |
| FS15RCA | 22-24AWG | RCA Mini Coax Nickel One-Piece |
| RGRCA15RGB | 22-24AWG | RCA Mini Coax Gold Multi-Piece |
| RG15RCA | 22-24AWG | RCA Mini Coax Gold One-Piece |
| FS6RCAU | RG6/6 Quad | Universal RCA Nickel |
| FS6RCAUS | RG6/6 Quad | Universal RCA Splice Nickel |
| RG6RCAU | RG6/6 Quad | Universal RCA Gold |
| FS59RCAU | RG59/59 Quad | Universal RCA Nickel |
| RG59RCAU | RG59/59 Quad | Universal RCA Gold |
| FS59RCAPL | Plenum RG59 | RCA Nickel |
| FS59RCASL | Security RG59 | RCA Nickel |
| FS59RCAUS | RG59/59 Quad | Universal RCA Splice Nickel |
| RG6RCAUS | RG6/6 Quad | Universal RCA Splice Nickel |
| RG59RCAUS | RG59/59 Quad | Universal RCA Splice Gold |
| FS1RCASST | 26 AWG | RCA Mini Coax Nickel Splice |
| RG1RCASST | 26 AWG | RCA Mini Coax Gold Splice |
| FSFS15RCASST | 22-24 AWG | RCA Mini Coax Nickel Splice |
| RG15RCASST | 22-24 AWG | RCA Mini Coax Gold Splice |

Color Rings

Patented color rings for nickel and gold connection are available in 14 colors to designate signal types and location. Easily identify cables and wires for quick installations. A 100 pieces per bag. (*=specify color).

Part # FSCR-*



Compression F-Connectors

Approved for use by most cable TV and satellite companies. RF signal containment ensures strong signal. One-piece design for quick installation. Compression port seal provides a water-tight seal for outdoor applications.



| Part # | Description | Qty. |
|--------|-----------------------------------|------|
| 89-105 | RG-6 Compression F-Connector | 100 |
| 89-055 | RG-6 Compression F-Connector | 50 |
| 89-056 | RG-6 Quad Compression F-connector | 50 |

Universal Compression Connectors

2 Connectors terminate all RG-6 and RG-59 cables with braid types from 60% to quad shielding. Approved by most satellite and cable companies. Approved for Indoor/Outdoor use. Quantity is jar of 50.



| Part # | Description |
|--------|---------------------------------------|
| 89-059 | Universal RG-59 compression connector |
| 89-060 | Universal RG-6 compression connector |

F-Series Coaxial Connectors

F-Series Connectors utilize threaded couplings and cable conductors as contacts for CATV and other UHF applications.

| Part # | Description | QTY |
|--------|---|------------|
| 85-017 | F-Series, Crimp Plug, RG-6 | Card of 50 |
| 86-017 | F-Series, Crimp Plug, RG-6 | Box of 100 |
| 85-030 | F-Series, Crimp Plug, RG-6, Quad Shield | Card of 50 |
| 85-031 | F-Series, Female Adapter | Card of 10 |
| 85-035 | F-Series, Twist-On Plug, RG-59 | Card of 10 |
| 85-036 | F-Series, Crimp Plug, RG-59 | Card of 10 |
| 85-037 | F-Series, Crimp Plug, RG-6 | Card of 10 |
| 85-039 | F-Type, Twist-On, RG-6 | Card of 50 |
| 85-053 | F-Type, Twist-On, RG-6 | Card of 10 |
| 85-057 | F-Series, Crimp Plug, RG-6, Quad Shield | Card of 10 |
| 89-165 | F-Series, Push-on, RG-6, no tool needed | Jar of 50 |
| 89-166 | F-Series, Push-on RG-6 Quad, no tool needed | Jar of 50 |



Audio/Video Baluns

| Part # | Description | Connectors | Max Distance | Pinout |
|--------|--|---|--------------|---------------|
| V1 | Composite baseband | 1 Male BNC to 1 RJ45 | 2200 ft | 7 & 8, pair 4 |
| V1-PTZ | Composite baseband; passes camera pan, tilt & zoom control signals | 1 Female BNC to 1 RJ45 | 1250 ft | 7 & 8, pair 4 |
| V1-AR | Composite baseband; extended distance active receiver | 1 Male BNC to screw terminals for video, power and ground | 5000 ft | Ring and tip |

DVI Balun

Transmits high definition DVI up to 150 feet via two Cat 5 cables. Send unit connectors: 2 RJ45 connectors, 1 DVI connector and 1 power connector. Receive unit connectors: 2 RJ45 connectors and 1 DVI connector. Video amplifier bandwidth is 1.65 GHz. Single link range is 1080P/1920x1200. Dimensions are 3.4 x 3.25 x 1.25.



Part # DVI

VGA Baluns



| Part # | Description | Dimensions inches | Max Distance |
|---------|---|-------------------|-----------------------------------|
| VGA-HR | Active VGA; includes send unit, receive unit, power supply, and VGA jumper cable; features dipswitch adjustable skew settings | 1.9 x 1.6 x 3.5 | UXGA (1600 x 1200) up to 350 ft. |
| VGA-UHR | Active VGA; includes send unit, receive unit, power supply and VGA jumper cable; features dipswitch adjustable skew settings and gain control | 1.9 x 1.6 x 3.5 | WSXGA (1920 x 1200) up to 550 ft. |

Intelix Balun Mounting Clip

Supports one standard Intelix balun or two small Intelix baluns. Mounts to a 35 mm DIN rail, the 19" Intelix DIN-RACK-KIT, or any flat surface.



Part # AVO-CLIP



Audio/Video - Connectors & Baluns



19" Balun Rack Mounting Tray

Rack mount up to 52 Intelix baluns on 26 Intelix AVO-CLIPs. Compatible with standard 19" racks.

Part # DIN-RACK-KIT



Audio/Video Baluns

*depending on resolution

| Part # | Description | Connectors | Max Distance |
|------------------|---|-------------------------------------|--------------|
| AVO-A2-F | Stereo Audio Balun | 2 Female RCA to 1 RJ45 | 2,500 feet |
| AVO-A2-WP-F | Stereo Audio Wallplate Balun | 2 Female RCA to 1 RJ45 | 2,500 feet |
| AVO-A4-F | Dual Stereo Audio Balun | 4 Female RCA to 1 RJ45 | 2,500 feet |
| AVO-A4-WP-F | Dual Stereo Audio Wallplate Balun | 4 Female RCA to 1 RJ45 | 2,500 feet |
| AVO-MIC-F | Microphone Balun Set | 1 Phoenix terminal to 1 RJ45 | 2,500 feet |
| AVO-MIC-WP-F | Microphone Wallplate Balun Set | 1 XLR to 1 RJ45 | 2,500 feet |
| AVO-SVA2-F | S-Video and Stereo Audio Balun | 1 Female S-Video/2 RCA to 1 RJ45 | 1,000 feet |
| AVO-SVA2-WP-F | S-Video and Stereo Audio Wallplate Balun | 1 Female S-Video/2 RCA to 1 RJ45 | 1,000 feet |
| AVO-V1A2-F | Composite Video and Stereo Audio Balun | 1 Female BNC/2 RCA to 1 RJ45 | 2,200 feet |
| AVO-V1A2-WP-F | Composite Video and Stereo Audio Wallplate Balun | 3 Female RCA to 1 RJ45 | 2,200 feet |
| AVO-V1-PAIR-F | Two Composite Video Baluns | 1 Male BNC to 1 RJ45 | 2,200 feet |
| AVO-V1-ST-PAIR-F | Two Composite Video Baluns | 1 Male BNC to spring tension blocks | 2,200 feet |
| AVO-V1-WP-F | Composite Video Wallplate Balun | 1 Female RCA to 1 RJ45 | 2,200 feet |
| AVO-V2A2-F | Dual Composite Video and Stereo Audio Balun | 4 RCA to 1 RJ45 | 2,200 feet |
| AVO-V2A2-WP-F | Dual Composite Video and Stereo Audio Wallplate Balun | 4 female RCA to 1 RJ45 | 2,200 feet |
| AVO-V3AD-F | High-Definition Component Video and Digital Audio Balun | 3 RCA and 1 coax to 1 RJ45 | 1,000 feet* |
| AVO-V3AD-WP-F | High-Definition Component Video and Digital Audio Wallplate Balun | 3 RCA and 1 coax to 1 RJ45 | 1,000 feet* |
| AVO-V3-F | RGB Video Balun | 3 Female BNC to 1 RJ45 | 500 feet |
| PS2-F | PS/2 computer mouse and keyboard extender | 2 PS/2 to 1 RJ45 | 350 feet |
| RF-F | Broadband Video Balun | 1 Male F to 1 RJ45 | 330 feet |
| V1-AR-F | One Composite Video Balun | 1 Male BNC to screw terminals | 5,000 feet |
| V1-F | Composite Video Balun | 1 Male BNC to 1 RJ45 | 2,200 feet |
| V1-PTZ-F | Composite Video and camera PTZ Balun | 1 Female BNC to 1 RJ45 | 1,250 feet |
| V1-ST-PAIR-F | Two Composite Video Baluns | 1 Male BNC to screw terminals | 2,200 feet |

Digital Baluns

*depending on resolution

| Part # | Description | Note | Max Distance |
|------------|--------------------------|---|--------------|
| DIGI-USB-F | Full-Speed USB Balun Set | Transmits a full speed USB signal. | 330 feet* |
| DVI | DVI Balun Set | Requires two runs of shielded Cat 5 cabling | 150 feet |
| HDMI | HDMI Balun Set | Requires two runs of shielded Cat 5 cabling | 150 feet |

VGA Baluns

*depending on resolution

| Part # | Description | Note | Max Distance |
|------------|-------------------------------------|-----------------------------|--------------|
| DIGI-VGA-F | VGA and Stereo Audio Balun Set | Skew-free video performance | 850 feet* |
| VGA-HR-F | High Resolution VGA Balun Set | Skew-free video performance | 350 feet* |
| VGA-SR-F | Passive VGA Balun Set | - | 450 feet* |
| VGA-UHR-F | Ultra-high Resolution VGA Balun Set | Skew-free video performance | 550 feet* |



1-Piece and 2-Piece Crimp-On F-Connector

Terminates 75 Ohm coaxial cable with a crimp-on male F-connector. A crimping tool is required. Comes in either a 2-piece version with separate crimp ring, or a one-piece version with crimp ring attached. Both RG-59 and RG-6 versions available.



| Part # | Description | Pkg. |
|-----------|---|------------|
| 40985-2P6 | Two-piece crimp-on connector for RG-6 | Bag of 100 |
| 40985-Q6 | One-piece crimp-on connector for RG-6 quad shield | Bag of 100 |



DVI & HDMI Adapters

Fully shielded to reduce EMI and other interference sources. Molded PVC boot.



HDMI to DVI Adapter, Dual Link

Provides up to 5 Gbps of bandwidth.

| Part # | Description |
|--------|----------------------------------|
| 374590 | HDMI Male to DVI-D 24+1 Male |
| 374606 | HDMI Male to DVI-D 24+1 Female |
| 374637 | HDMI Female to DVI-D 24+1 Male |
| 374644 | HDMI Female to DVI-D 24+1 Female |



Audio/Video - Connectors & Baluns



DVI & HDMI Adapters (cont.)

HDMI to DVI Adapter, Single Link

| Part # | Description |
|--------|----------------------------------|
| 374613 | HDMI Male to DVI-D 18+1 Male |
| 374620 | HDMI Male to DVI-D 18+1 Female |
| 374651 | HDMI Female to DVI-D 18+1 Male |
| 374668 | HDMI Female to DVI-D 18+1 Female |

HDMI Adapter

Provides up to 5 Gbps of bandwidth.

| Part # | Description |
|--------|---------------------------------------|
| 374675 | HDMI to HDMI, Black, Male to Male |
| 374682 | HDMI to HDMI, Black, Male to Female |
| 374699 | HDMI to HDMI, Black, Female to Female |



Stereo Miniature Phone Jack Chassis or Panel Mounting

3.5 mm, 3 conductor with solder terminals. Completely sealed jack, non-switching. Mounts in 1/4" hole in panels up to .075" thick. With hardware, attractive knurled nut.



Part # 504K

RCA Type (Phono) Connectors



| Part # | Description |
|--------|--|
| 2101P | Phone Plug is a standard, very low cost phono plug. Bulk packaged only. |
| 2101DL | Gold RG59/U RCA Plug is for use with RG59 cable in video or audio systems. Noise-free, connections. Available with either black or red color band on gold body. One black only. |
| 2102DL | Gold RG59/U RCA Plug is for use with RG59 cable in video or audio systems. Noise-free, connections. Available with either black or red color band on gold body. One red and one black. |
| MDL2 | Phone Plug Phono Plugs - Male Audio/Video Grade is fully shielded. Twist-on, solderless connection. Gold plated for best audio and video performance. Use with either RG58 or RG59 coaxial cable. |
| MS9 | Phono Jack - Shielded Telephone Paging durable, nickel-plated connector for general purpose audio usage. Solder lugs connection. Five connectors. |
| MS10 | Phono Plugs - Shielded A tough, nickel-plated connector for general purpose audio usage. Solder lugs connection. Five connectors. |
| MS12 | RCA or Phono Jack Tone Generation, an industry standard and popular style jack that mounts in a 1/4" diameter hole; up to 3/16" panel thickness. Mounting hardware is included. Nickel plated. |
| MS14 | Phono Plugs - Male has solder terminals. Body and shell molded plastic. Available in several colors. |
| MS16 | Phono Plug - Male 2 RCA-2 RCA, gold plated, Phono jacks on both ends |
| MSG10 | RCA or Phono Jack Gold Plated RCA Plug Tone Generation has solder type with spring strain relief. A quality general purpose audio connector, gold plated for performance. Color bands on body identify left and right channels. Use with most audio wires. |
| MSG16 | Phono Plug - Male is Gold plated on contacts and solder terminals. Body and shell molded plastic. Integral strain relief. Available in red or black. |
| MTG12 | Teflon Insulator RCA Jack has panel mounting phono jack is gold plated. Color bands. Ground lug and nut also gold plated. Bushing measures 5/16" diameter with 9/32 across a flat. |



Stereo Chassis Mount Jacks

3 Conductor 1/4" Jacks

1/4" diameter 3 conductor phone jacks in 3/8" diameter hole in panels up to 1/8" thick. Mounting hardware is included. Open circuit, stereo.

| Part # | Description |
|--------|---|
| 2287 | Bulk packaged |
| 2288 | 3 conductor with single normally closed switch, bulk packaged |

Isolated (Plastic Bushing)

The jacks mount in a 0.46" hole. Three conductor (stereo) switching barrel is not grounded. 2281 Series is normally closed switches on both circuits - tip, ring. Bulk packaged.

Part # 2281

2 Conductor (1/4") (6.3mm)



1/4" Solder Type Plug

Solder lug type with cable clamp terminal. Supplied with red or black plastic handle. All parts nickel-plated. Fits all standard 1/4" jacks.

| Part # | Description |
|----------|---|
| S623-BLK | Bulk packaged only, black |
| S624 | Bulk packaged only, shielded, all metal |

Mono 1/4" Phone Plug

Two conductor phone plug, screw terminals for solderless connections, and cable clamp strain relief. May also be used as solder type. Color is black.

Part # 527-BLK

1/4" Mono Phone Jacks

1/4" Phone Jack - Mono

Isolated (plastic bushing). Two conductor, open circuit isolated from panel. Bulk packaged.



Part # 2280

2 Conductor Jack - Inline

Two conductor solder terminal jack 2" long, 7/16 diameter, black plastic handle.



Part # 519

1/4" Chassis Mount Jacks - Mono

Compact size. Mounts in 3/8" diameter hole in panels up to 5/32" thick. Mounting hardware included.

| Part # | Description |
|--------|--|
| 2283JP | Display packaged |
| 2284J | Two conductor with normally closed circuit switch, bulk packaged |

Microphone Connectors

These cannon type three contact microphone connectors are of die-cast zinc alloy with nickel plate finish. In-line connectors have rubber strain relief. Locking detent action is incorporated in the design of the female connectors.



| Part # | Description |
|--------|----------------|
| T600J | In-line female |
| T600P | In-line male |

Audio/Video - Connectors & Baluns



3 Conductor (1/4") (6.3mm)



.206" Diameter 3 Conductor Phone Plug

"Aircraft microphone" type plug.

| Part # | Description |
|--------|--|
| 524JT | Bulk pack only, mating chassis mount |
| 524WT | Bulk pack only, black plastic handle, solder lug connections |

1/4" Stereo 3 Conductor Inline Jack

Three conductor dual open circuit jack with solder terminals. Has metal internal shield. Overall size is 2" and diameter is 7/16". Color is black.

Part # 521S

Stereo 3.5MM Miniature Phone Plugs and Jacks



| Part # | Type | Description |
|--------|--|---|
| 502V | Stereo Miniature Phone Jack | 3.5MM, 3 conductor. Solder terminals, black plastic body with molded-in strain relief. Body is 3/8" diameter, overall length is 2 1/8". |
| 502J | Stereo Miniature Phone Jack Chassis or PC Board Mounting | 3.5mm, 3 conductor. Solder terminals, completely sealed jack, switching. Mounts in 15/64" hole in panels up to 1/16" thick. |
| 502GP | Stereo Miniature Phone Plug | 3.5MM 3 conductor. Solder terminals, black plastic body with molded in strain relief. Body 3/8" diameter, over-all length is 2 1/8". |

Mono 3.5MM Miniature Phone Plugs and Jacks



| Part # | Type | Description |
|--------|--|--|
| 501P | Mono 3.5mm Phone Plug | Two conductor miniature phone plug. Solder lug terminals. Overall length is 1 5/8". Dimensions are 9/16" x 1/8". |
| 501PS | Mono 3.5mm Phone Plug | This miniature phone plug has molded-in strain relief. Other specifications are same as for No. 501P. Two black plugs per package. |
| 115P | Shielded 3.5mm Phone Plug | Handle is nickel plated steel for shielding. Packaged two per display package. |
| 502M | Shielded 3.5mm Phone Plug | Handle is nickel plated steel for shielding. Packaged two per display package. |
| 501VS | Two Conductor (Mono) Miniature Inline Phone Jack | Molded body (black plastic), solder terminals. |
| 501V | Two Conductor (Mono) Miniature Phone Jack | An in-line (or cord mounting) standard 1/8" (3.5mm) miniature phone jack; two conductor monaural. Open circuit (non-switching). Black plastic shell, solder connections. |
| 501JP | Two Conductor (Mono) Miniature Phone Jack | Molded-in strain relief. Other specifications are same as for No. 501P. Two black plugs per package. |



2.5MM (Subminiature) Phone Plugs and Jacks



| Part # | Type | Description |
|--------|---------------------------------|---|
| 660V | Mono 2.5mm In-Line Jack | Solder contacts |
| 660J | Mono 2.5mm Jack | Closed circuit female, mounts in 5/32" hole and panels up to 1/16" thick. |
| 660P | Mono 2.5mm Plug | 2 Conductor plug solder terminals 1" length, 3/32" diameter black. |
| 666JP | Stereo 2.5mm Chassis Mount Jack | Shielded, mounts in 15/64" hole for panel up to .075" thick. |
| 666V | Stereo 2.5mm Jack | In-line female, solder terminals. |
| 666P | Stereo 2.5mm Plug | Solder lug. Overall length is 1 1/4". |

Home Theatre Plugs and Jacks



45-108G

45-162G

45-132G

| Part # | Description |
|---------|--|
| 45-108G | RCA jack, isolated chassis mount. Gold with color bands. Pack 1 each red and black. |
| 42-342 | RCA jack, bulkhead .375" mounting hole. (2) pack = 1 each, red and white nickel plated |
| 45-142G | RCA jack, bulkhead .375" mounting hole. (2) pack = 1 each, red and black |
| 45-162G | RCA jack, bulkhead .375" mounting hole. (1) each, red + white + yellow |
| 45-132G | Stereo phone plug (3 conductor), standard 1/4" with spring strain relief. Package of 1 red and 1 black. |
| 45-310G | Double RCA male adapter; plug on each end. Package of 1 red and 1 black. |
| 45-812G | Banana plugs, for wire up to 10 gauge. Package of 1 red and 1 black. |
| 45-104G | RCA plug for cables up to 6.0mm (0.24 inches) in diameter. Color band identification on zinc handles; gold contact areas. Pkg. of 1 red and 1 white. |
| 45-240 | Gold banana plugs, screw attachment accommodates wire up to 10 gauge. Package of 1 each red and black. |
| 45-106G | 4 Pin mini-din male; for cables up to 6mm O.D. Package of 2. |



Banana Jack 1/4-32 Thread 10/PKG

Banana jack with 1/4-32 thread & through-hole. Fits standard banana plug. 1/4 - 32 Thread. Material: Banana Jack Body - Nickel Plated Brass. Solder Lug - Copper, finish - Hot tin dip. Hex Nut - Brass - 6.35 (.250) -23 Double Chamfered, Nickel Plated.

Part # 3267

Mini B-Plug 4-40X.480 10/PKG

Threaded stud enables fast and easy mounting to panels. Solder turret allows wire attachment. Miniature banana plug spring features gold plated Beryllium Copper for long insertion life and low contact resistance. Materials: Miniature Banana Plug: Spring-Beryllium Copper, Gold Plated. Body: Brass, Gold Plated, Hex Nut: 4-40 Nut, Brass, Nickel Plated.

Part # 4513



Audio/Video - Connectors & Baluns



SuperLink™ Connectors

These connectors use a light aluminum alloy connector shell. 24 K gold plated phono pin plugs provide the best conductivity and maximum signal transfer available. Use with high performance interconnect cables.

| Part # | Color |
|---------|----------|
| 30-1230 | Platinum |
| 30-1231 | Black |
| 30-1232 | Red |

Audio Adapters

| Part # | Description |
|-----------|--|
| 30-472-01 | Standard (1/4") Phone Plug to Miniature (3.5mm) Phone Jack |
| 30-473-01 | RCA Phono Plug to Miniature (3.5mm) Phone Jack |
| 30-474 | RCA Plug to RCA Jack Right Angle Adapter - Gold |

3.5mm Miniature Three-Conductor Phone Jack

Rating is 5 amps AC for 10°C temperature rise, continuous duty. Normally closed circuit type. Spring is nickel silver. Mounting bushing is nickel plated brass with knurled nut, mounts in 1/4" hole or may be AC mounted.



Part # 33-724-BU

RCA Phono Jacks

| Part # | Description |
|-----------|--|
| 33-134-BU | Cord Mounting Plastic, Combination Clamp/Style |
| 33-135-BU | Single Hole Panel Phono Jack, 9/32" Hole |

Standard 1/4" Phone Plug and Jack Combinations

| Part # | Description |
|---------|---|
| 30-522 | Standard (1/4") Mono Phone Plug to 2 Standard (1/4") Mono Phone Jacks |
| 30-524 | Standard (1/4") Stereo Phone Plug to 2 Standard (1/4") Mono Phone Jacks |
| 30-1560 | Standard (1 1/4") Stereo Phone Plug to 2 Standard (1/4") Stereo Phone Jacks |

Phone Plugs, Jacks & Terminals



| Part # | Description |
|-----------|---|
| 33-103-BU | Subminiature (2.5mm) Mono Phone Jack, Closed Circuit, Nickel Plated Brass, 1/4" Mount Holes |
| 33-101-BU | Miniature (3.5mm) Mono Phone Jack, Closed Circuit, 1/4" Mount Holes |
| 33-102-BU | Miniature (3.5mm) Mono Phone Jack, Closed Circuit, 1/4" Mount Holes |
| 30-546 | Miniature (3.5mm) Phone Jacks, Chassis Mounting, Closed Circuit, Solder Lugs, 1/4" Mount Holes |
| 30-543-1 | Miniature (3.5mm) Phone Jacks, Cord Mounting, Open Circuit, Solder Terminals, Black Plastic Handles |
| 30-575 | Miniature (3.5mm) Phone Jacks, Cord Mounting, Open Circuit, Solder Connections, for Stereo Plugs |



Phone Plugs, Jacks & Terminals (cont.)

| Part # | Description |
|-----------|---|
| 30-574 | Miniature (3.5mm) Stereo Phone Jack |
| 33-097-BU | (1/4") Panel Mounting Mono Phone Jack, Closed Circuit, 3/8" Mounting Hole |
| 33-096-BU | (1/4") Panel Mounting Mono Phone Jack, Open Circuit |
| 30-540 | Standard (1/4") Mono Phone Jacks, Chassis Mounting, Open Circuit, Solder Lugs |
| 30-540-1 | Standard (1/4") Mono Phone Jacks, Chassis Mounting, Closed Circuit, Solder Lugs |
| 30-548 | Standard (1/4") Mono Phone Jacks, Cord Mounting, Open Circuit, Solder Lugs |
| 33-098-BU | Standard Panel Mounting Stereo Phone Jack, Open Circuit |
| 33-099-BU | Standard Panel Mounting Stereo Phone Jack, Single Closed Circuit |
| 30-541 | Standard (1/4") Stereo Phone Jacks, Chassis Mounting, Open Circuit, Solder Lugs |
| 30-542 | Standard (1/4") Stereo Phone Jacks, Cord Mounting, Open Circuit, Solder Terminals |

Audio Adapters

| Part # | Description |
|-----------|--|
| 30-1574 | Miniature (3.5mm) Stereo Phone Jack to Standard (1/4") Stereo Phone Plug |
| 30-1575 | Gold Plated Miniature (3.5mm) Stereo Jack to Standard (1/4") Stereo Phone Plug |
| 30-472 | Standard (1/4") Mono Phone Plug to RCA Phono Jack |
| 30-472-01 | Standard (1/4") Phone Plug to Miniature (3.5mm) Phone Jack |
| 30-473 | RCA Phono Plug to Standard (1/4") Phone Jack |
| 30-473-01 | RCA Phono Plug to Miniature (3.5mm) Phone Jack |
| 30-478 | Subminiature (2.5mm) Phone Plug to Miniature (3.5mm) Phone Jack |

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Mounting Kits and Accessories



| Part # | Type | Dimensions (W x H x D) |
|---------|---|---------------------------|
| GSRPK | Gold Seal Series Amp - Rack Kit | 1 1/4" x 3 1/2" x 10 1/4" |
| BC1 | Horn Loudspeakers - Beam Clamp | 2 1/8" x 2" x 3/4" |
| RPK86 | M-Class/Black Max Amplifiers - Rear Rack Support Brackets | 3 3/4" x 3 1/2" |
| RPK53 | Model BPA60 - Rack Mount Kit | 2" x 3 1/2" x 1" |
| RPK35B | Model C10/C20 (MOH)/CAM2 - Rack Panel Kit | 19" x 3 1/2" x 6 1/2" |
| WMK1 | Model C10/C20 (MOH)/CAM2 - Wall Mounting Kit | 14 1/2" x 16" x 4" |
| RPK50 | Model C35/C60/C100 - Rack Mount Kit | 2 1/2" x 3 1/2" x 2 1/8" |
| RK78 | Model CR100A - Rack Panel Kit | 19" x 3 1/2" x 7" |
| RPK84 | Model PCM2000 - Rack Mount Kit | 7" x 8" |
| RPK79 | Model PM3000/PM3180 - Rack Mount Kit | 1" x 5 1/4" x 3 1/2" |
| RMPWMK3 | Model PM3000/PM3180 - Remote Panel Mounting Kit | 9 1/8" x 4 3/4" x 3/4" |
| RPK47 | Model RM350D - Rack Mount Kit | 3 1/2" x 3 1/2" x 2 7/8" |



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Mounting Kits and Accessories

| Part # | Type | Dimensions (W x H x D) |
|--------|--|---------------------------|
| SMTB | Model SM1EZ/SM4T - Tile Bridge | 4 3/8" x 23 3/4" x 1 1/4" |
| RPK46A | Model TP30D - Rack Mount Kit | 2 1/4" x 1 3/4" x 4 1/4" |
| RPK82 | Model TPU35B/60B/100B - Rack Mount Kit | 3" x 8 3/4" |
| RPK87 | Power Vector Amplifiers - Rack Mount Kit | 1" x 3 1/2" x 3 3/4" |

Miscellaneous Accessories

Amplifiers - Automatic Failure Detector

| Part # | Dimensions (W x H x D) |
|--------|------------------------|
| AFDS2 | 19" x 3 1/2" x 7 1/2" |

Model SBA225/SI35A - Call-In Module

| Part # | Dimensions (W x H x D) |
|--------|------------------------|
| SCR25A | 16 3/4" x 1 1/4" x 4" |

TP-AP Series - External Page

| Part # | Dimensions (W x H x D) |
|--------|--------------------------|
| TB10A | 4 3/4" x 1 7/8" x 6 3/8" |

Music and Input Sources

| Part # | Description |
|--------|------------------------|
| MRCA3 | Mono 3 ft. RCA Cable |
| MRCA6 | Mono 6 ft. RCA Cable |
| SRCA6 | Stereo 6 ft. RCA Cable |

LEVITON
Building a Connected World

Decora® Strauss™ Transformer-Free™ Volume Control

Combines with Leviton's Spec-Grade Sound™ speakers to create a system that delivers the best sound reproduction possible from today's ultra-wide bandwidth digital sources. The Decora Strauss Volume Control uses audio-grade Cermetile resistors to change volume levels while leaving the audio signal unaffected, resulting in ruler-flat frequency response across the entire audible frequency range. Eliminates the problem of "saturation" associated with conventional volume controls with its ability to instantaneously handle the full peak output power of any consumer-grade amplifier on the market today.

Part # SGVST-W



PCI Sound Card

Easily installs in desktop computers to provide an enhanced multimedia experience. Ideal for headphones and up to four-channel speaker systems. Full-duplex playback and recording with sampling rate of up to 48 kHz. Supports HRTF 3D positional audio, DirectSound 3D and A3D interfaces. Plug and Play, Windows compatible.

| Part # | Description |
|--------|-------------------------------|
| 173032 | 4 Channel with Game/MIDI port |
| 173124 | 5 Channel with Game/MIDI port |
| 175357 | 7 Channel |

TV Tuner/Capture PCI Card with Intervideo Home Theater 2.x

Watch television and listen to FM radio on your computer. Up to 125 cable channels available for surfing. Capture video in AVI format at up to 640 x 480 resolution. Capture single or a sequence of still images. Wireless remote control with receiver, FM antenna and software included. Card includes IR sensor input, FM input, Cable input, audio output, S-video input, RCA video input, audio input.

Part # 174077

MPEG II TV Tuner/Capture PCI Card

Made specifically for high end systems with Microsoft XP Media Center Edition. Watch television (full screen or windowed) and listen to FM radio on your computer. Program guide for scheduling shows to record. Up to 125 cable channels available for surfing. Capture video in MPEG II and audio in MPEG I layer 2 format. Record FM radio in MP3 format. Capture single or a sequence of still images. Album feature for still image capture. Power-up scheduling. Wireless remote control with receiver, FM antenna and software included.

Part # 174053

TV Tuner

Watch television, play video games, and view videos on your monitor at exceptional resolutions -- up to 1280 x 1024. Up to 125 cable channels (NTSC) / 106 channels. (PAL) available for surfing PiP (picture-in-picture) support. PoP (picture-on-picture) support. Preview 9 programs at the same time. 29-key remote control. Input / output options: Cable input, Audio input/output, S-video input, RCA video input, VGA input/output.

Part # 174190

Audio/Video - Miscellaneous



Pro's Fit Do-It-Yourself Custom Design Inserts

These inserts allow for your own custom configuration. These inserts are predrilled with 3/8" (.375") holes for easy mounting of the solderless connectors.



Part # 75-4002

"L" Pad Level Controls

2 1/8" Dial level finished in matte silver and black is supplied. Mounts in 3/8" panel hole. 1" Long threaded bushing complete with mounting nuts. Includes black plastic contour knob 15 watts RMS at 8 ohms.

Part # LP8

Terminal Strip with Push-In Connection

Mounting center is 1 3/4". Size is 2 1/8" x 15/16". Add "B" to end of part number for bulk packing.



| Part # | Description |
|--------|-------------|
| 1978 | 2 Position |
| 1979 | 4 Position |

Push Type Speaker Terminals

Color coded four pairs, alternating red and black for quick connection of speakers using bare wire up to and including 16 gauge.



Part # 1990

S-VHS Feed Thru Jack

This 4 pin Mini-Din Female coupler is designed to snap into the standard keystone cutout (.58" x .76"). It allows you to run home theater cable through the home easily. MD4 (F)/(F).



Part # 70-478

TV/FM Wall Plates

Designed for 75 ohm antenna and/or cable systems. These wall plates may be used flush or without box. An F-81 coupler is mounted in the plate. Mounting brackets and hardware are included. White (with mounting screws only).

Part # TV41VN

Heavy Duty Step-Up/Step-Down Converters

110V AC to 220V AC or 220V AC to 110V AC. Heavy duty transformer for safety and reliability. ON/OFF switch with indicator light. Deluxe metal console, carrying strap handle for 1000 watt model and up. Universal output receptacles. Safety features include: Built-in (non-detachable) power cord with strain relief. Fused protection. Safety polarized input switch. Non-slip rubber feet.



| Part # | L x W x H (in) |
|--------|-----------------------|
| ST100 | 5 1/8 x 3 3/4 x 3 1/4 |
| ST500 | 7 x 4 3/4 x 3 3/4 |



Custom Design Audio/Video Gold Standard Wall Plates



| Part # | Description |
|--------|--|
| 75-672 | Single, 2 position speaker terminal (solderless terminals) |
| 75-674 | Single, 4 position speaker terminal for 1 pair of speakers (solderless terminals) |
| 75-678 | Double, 4 position speaker terminal for 2 pairs of speakers (solderless terminals) |

Home Theatre Plugs and Jacks



| Part # | Description |
|--------|--|
| 45-260 | Dual banana plug, gold plated plugs, black body. Package of one. |
| 45-262 | Dual banana plug, gold plated plugs, red body. Package of one. |

Four Inputs/One Output

The unit will allow you to connect up to four inputs to one TV. They are equipped with both S-VHS jacks (MD4) and RCA jacks for separate audio and video inputs. There are also extra (front mounted) mini stereo jack for stereo headphones or multimedia speakers.



Part # AV413YC

Five Inputs/Two Output

The unit will allow you to connect up to five inputs to two TVs. They are equipped with both S-VHS jacks (MD4) and RCA jacks for separate audio and video inputs. There are also extra (front mounted) mini stereo jack for stereo headphones or multimedia speakers.



Part # AV521YC

Hands-Free Car Kit with Speaker and Volume Control

This universal car kit allows the cellular telephone user to operate an auto-mobile safely without losing important conversations. The unit plugs into the cigarette lighter socket and is compatible with most models on the market today.



Part # 34-7251

Universal Hands-Free Car Kit with Speaker

This universal car kit allows the cellular telephone user to operate an auto-mobile safely without losing important conversations. The unit plugs into the cigarette lighter socket and is compatible with most cell-phone models on the market today. Earphone for private conversation. Built-in speaker with volume control.



Part # 34-7250

RF Modulator

UL approved RF modulator converts A/V (audio/video) from computers, cameras, TV games, satellite receivers and video surveillance cameras to regular VHF-TV RF signal. The unit has a 75 ohm output and can switch between TV channels 3 and 4. Unit is FCC approved.



Part # 70-3700

Audio/Video - Miscellaneous



Home Theatre Plugs and Jacks



| Part # | Description |
|---------|---|
| 45-266 | Dual banana plug, screw attachments for wires up to 10 gauge, black plastic handle. Package of one. |
| 45-268G | Dual banana plug with screw attachments for up to 10 AWG wire. Red handle (1) pack. |



Double Binding Post Assembly

Accepts standard banana plugs. Mounts in panels from 1.57 (.062) to 6.35 (.250) thick. Ordering Information: Model 4243-0 (Black). Model 4243-2 (Red)



Part # 4243-0

Shielded Box

Shielded Box, Size C (4.25" X 2.64" X 1.71") blue enamel, with cover.



Part # 2901

Shielded Box, BNC (M) To BNC (F)

Shielded Box, Size A (2.25" X 1.13" X .88") BNC (m & f) blue enamel, with cover.



Part # 2391

Pin Tip Jack Gold PL 10/PKG

Accepts .080 pin tip plugs. Mounts in panels up to .250" thick. Ordering Information: Model 3542-Color. (sold in packages of 10) Colors= 0 (Black), 1 (Brown), 2 (Red), 3 (Orange), 4 (Yellow), 5 (Green), 6 (Blue), 7 (Violet), 8 (Gray), 9 (White). Ordering Example: 3542-0 (Black).



Part # 3542

Standard Banana Plugs



Do-It-Yourself Solderless Stackup Banana Plug

Internal set screw holds wire firmly. Accepts standard banana plug, fits standard (.166 dia.) banana jack. Banana plug/jack material is brass. Spring material is heat treated Beryllium copper. Rating is 5000 VDC, 15 amps, 50°C (122°F) maximum. Accepts 18-22 AWG wire. Y = Color. Ordering example: 1325-7.

| Part # | Plating | Insulation | Available Colors |
|--------|---------|------------|---|
| 1325-Y | Nickel | ABS | -0 (black), -1 (brown), -2 (red), -3 (orange), -4 (yellow), -5 (green), -6 (blue), -7 (violet), -8 (gray), -9 (white) |

Panel Mount Banana Jack

Mounts in panels ranging in thickness from .063" to .375". Material is brass. Rating is 2500 VDC, 15 amps, 115°C (239°F) maximum. Sold unassembled, in packages of 10 per color. Y = Color. Ordering example: 1581-5.

| Part # | Plating | Insulation | Available Colors |
|--------|------------|---------------|---|
| 1581-Y | Bright tin | Polycarbonate | -0 (black), -1 (brown), -2 (red), -3 (orange), -4 (yellow), -5 (green), -6 (blue), -7 (violet), -8 (gray), -9 (white) |



Standard Banana Plugs (cont.)

Do-It-Yourself Solderless Stackup Banana Plug with Safety Shield

Internal set screw holds wire firmly. Safety collar insulates exposed wire leads. Accepts standard banana plug, fits standard (.166 dia.) banana jack. Banana plug/jack material is brass. Spring is heat treated Beryllium copper. Rating is 5000 VDC, 15 amps, 50°C (122°F) maximum. Accepts 18-22 AWG wire. Y = Color. Ordering example: 1825-2.

| Part # | Plating | Insulation | Available Colors |
|--------|---------|------------|---|
| 1825-Y | Nickel | ABS | -0 (black), -1 (brown), -2 (red), -3 (orange), -4 (yellow), -5 (green), -6 (blue), -7 (violet), -8 (gray), -9 (white) |

DBL Banana Jack

Double banana jack, panel mount, base. Mounts in panels from .070" to .375" (1.60mm to 9.53). Ordering Information: Model 2269-0 (Black Base), Model 2269-2 (Red Base).



Part # 2269-0

Pin Tip Plug, Shorted

Pin tip plug, shorted. Ideal for providing a jumper on pin jack test boxes or panels. Mates with Pomona Model 4543 or any other standard .080" pin jack. Ordering Information: Model 3452-X. Color= 0 (Black), 2 (Red). Ordering Example: 3452-0 (Black), 3452-2 (Red).



Part # 3452-(X)



