



PULSEAUDIO™

PRODUCT CATALOG



PULSEAUDIO™

In 2016, Vanco introduced PulseAudio, an indoor/outdoor speaker, amplifier and audio accessories line made for distribution. The PulseAudio line has continued to expand to include easy-to-integrate amplifiers and audio distribution solutions such as streaming receivers, audio signal extenders and converters, speaker selectors, and volume controls. This selection of value-priced devices is developed based on input from the Vanco customer community, allowing distributors to offer targeted, affordable solutions for both commercial and residential audio systems.





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COMMERCIAL AMPLIFIERS



100W 70/100V SINGLE CHANNEL AMPLIFIER WITH MIC INPUT

- Mono audio output at 100W
- Switchable between 70V and 100V
- Sixteen ID codes for controlling multiple PAV1100 amplifiers in a system
- 3-level MIC input, supports condenser microphone, dynamic microphone and wireless microphone, with ducking or mixing function
- MIC input supports balanced/unbalanced signal, and suppresses external noise effectively
- One 2-channel analog audio inputs and one digital audio input, switchable by button, IR remote & RS232
- Manual volume control
- Bass/treble controllable via front panel, IR remote & RS232
- Convection cooled, no external fan needed
- LED indicator, for power and working status
- Anti-static case design provides good protection for long-term and stable performance
- Dimensions: 5.11" W x 2.5" H x 5.9" D

PACKAGE CONTENTS

- (1) PAV1100 Amplifier
- (2) Mounting Ears with Screws
- (4) Plastic Feet
- (2) Pluggable Terminal Blocks
- (1) RS-232 Cable
- (1) DC 24V 5A Power Adapter
- (1) Product Manual

PART NO.	PKG.
PAV1100	Pkgd





40W 70/100V SINGLE CHANNEL AMPLIFIER WITH MIC INPUT

- Compatible with 70V/100V speakers and systems
- Controllable via front panel, IR or RS232
- Manual Volume Control and menu selection dial for easily changing volume, bass, treble, and microphone levels
- 16 ID codes for addressing and controlling multiple units
- 3-level MIC input with ducking functionality, supports condenser microphone, dynamic microphone and wireless microphone.
- MIC port can support balance/unbalance signal to effectively suppress external noise
- Two analog stereo audio inputs and one digital audio input
- Mounting accessories included
- Dimensions: 5.12" W x 1.73" H x 5.67" D

PACKAGE CONTENTS

- (1) PAV140 Amplifier
- (2) Mounting Ears with Included Screws
- (4) Plastic Feet
- (2) Pluggable Terminal Blocks
- (1) RS-232 Cable
- (1) DC 24V 2.71A Power Adapter
- (1) Product Manual

PART NO.	PKG.
PAV140	Pkgd

IR KIT AND REMOTE FOR PAV140

- IR Kit and Remote to be used with PAV140 Amplifier
- Recommend to only use IR receiver included in the PAV140-IR kit. Third party IR receivers may work, but cannot be guaranteed to function



PACKAGE CONTENTS

- (1) PAV140-IR Kit and Remote

PART NO.	PKG.
PAV140-IR	Pkgd



RESIDENTIAL AMPLIFIERS

30W, 2 CHANNEL WALL PLATE AMPLIFIER WITH BLUETOOTH® WIRELESS TECHNOLOGY

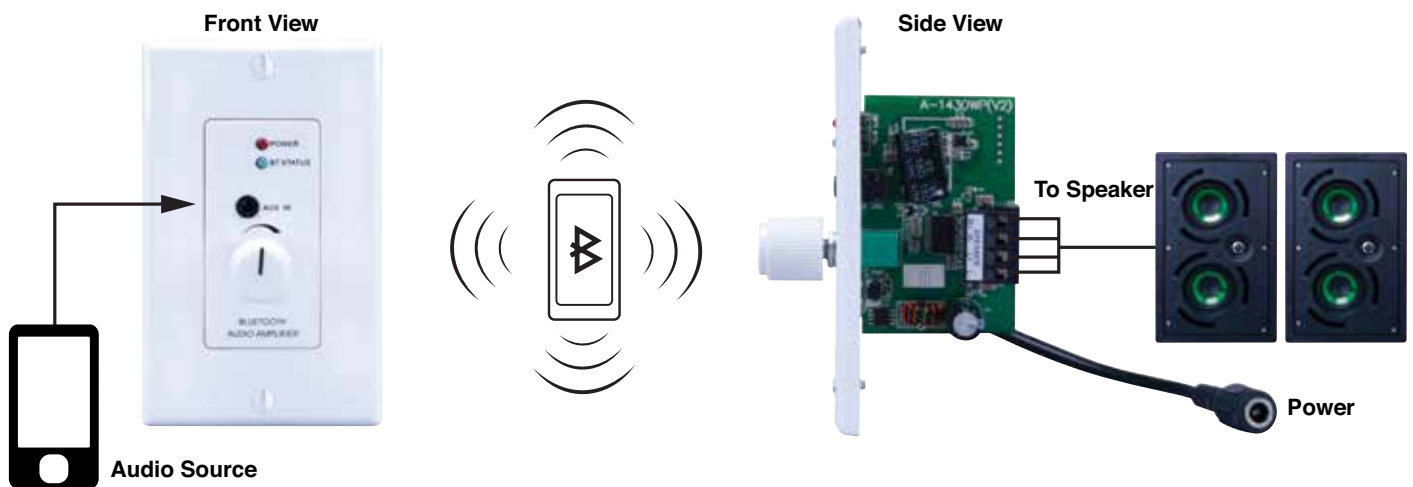
- 2x30W Class D wall plate amplifier with Bluetooth wireless technology
- 3.5mm analog stereo input
- 4 Ohm/8 Ohm stable
- Supports auto source switching with priority for Bluetooth enabled source
- Three minute link-lost timeout function
- Fits easily into a single gang low-voltage box



PACKAGE CONTENTS

- (1) PA230WP Wall Plate Amplifier
- (1) Single Gang White Decora Wall Plate with Screws
- (1) 24V, 2.1A Power Supply
- (1) Product Manual

PART NO.	PKG.
PA230WP	Pkgd





30W, 2 CHANNEL IN-WALL WI-FI STREAMING AMPLIFIER

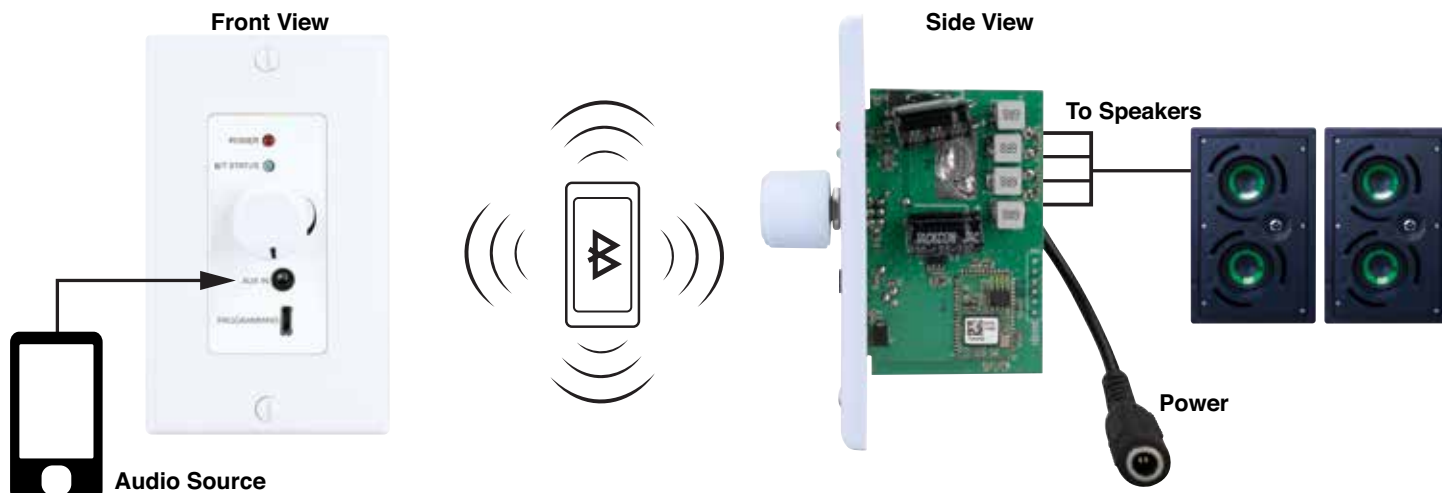
- In-wall streaming audio receiver with a built-in 2x30W amplifier
- Fits easily into a single gang low-voltage box with streaming capability
- Creates a simple distributed audio system to stream music over a wireless internet connection from many different audio streaming services
- Stream music directly or through a connected network
- Mobile control app available on iOS and Android marketplaces
- Compatible with Airplay, and WiFi Direct devices that are found within the same network, allowing for songs to be shared easily in a distributed audio system
- Allows user to sync their Spotify, Amazon Music, Qplay, TuneIn, iHeartRadio, and Tidal accounts for an effortless and enhanced listening experience
- Install for one zone, or multiple zones with additional units that can be joined together to create a wireless distribution system
- Multiple PA230SWA amplifiers can be used within the same systems allowing everyone to listen to their own music and playlists or join multiple units together for party mode
- Dimensions: 2.8" W x 4.5" H x 2" D



PACKAGE CONTENTS

- (1) PA230SWA Amplifier
- (1) IR Remote
- (1) Power Adapter
- (1) 4-Terminal Phoenix Connector
- (1) White Single Gang Decora Wall Plate
- (1) Mounting and Installation Screws
- (1) Product Manual

PART NO.	PKG.
PA230SWA	Pkgd



RESIDENTIAL AMPLIFIERS

ADDRESSABLE BLUETOOTH® WALL PLATE AMPLIFIER

- In-wall streaming audio receiver with a built-in 2x30W Class D amplifier
- Fits easily into a single gang low-voltage box with streaming capability
- Creates a simple dedicated audio system over Bluetooth
- Able to change the names and passwords of multiple units quickly and independently
- Supports Bluetooth 5.0 with apt-X Low Latency, apt-X, SBC, Faststream
- A2DP protocols for simple control from your connected device
- Dimensions: 2.8" W x 4.5" H x 2" D



PACKAGE CONTENTS

- (1) PA230BWA Amplifier
- (1) Product Manual

PART NO.	PKG.
PA230BWA	Pkgd



MICROPHONE PREAMPLIFIER

- XLR and 1/4" inputs and outputs
- 1/4" output for mono or stereo applications
- Input impedance 10K ohm (balanced/unbalanced)
- Max input level +4dBv balanced, +10dBv unbalanced
- Manual gain control
- Clipping indicator
- 36V phantom power
- Dimensions: 4.4" W x 2.8" H x 1.5" D



PACKAGE CONTENTS

- (1) PA-MICPRE Microphone Preamplifier
- (1) 12 V Power Supply
- (1) Product Manual

PART NO.	PKG.
PA-MICPRE	Pkgd



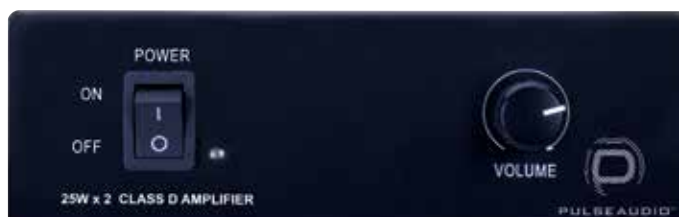
2 CHANNEL, CLASS D AMPLIFIERS

- Class D digital amplifier
- RCA and 1/8" stereo Inputs
- Mixes audio when both inputs are connected and live
- Stereo and mono/bridge modes
- Automatically goes into standby after 5 minutes of inactivity
- Source Sensing to come out of standby when a connected source begins to play
- AC 115/230V IN
- PA2X25 Dimensions: 5.6" W x 3.7" D x 1.7" H
- PA2X60 Dimensions: 8.4" W 9.8" D x 1.7" H
- PA2X125 Dimensions: 8.4" W 9.8" D x 1.7" H
- PA2X150 Dimensions: 8.4" W 9.8" D x 1.7" H

PACKAGE CONTENTS

- (1) Bridgeable Amplifier
- (1) Power Lead Cable
- (1) 4 Conductor Phoenix Connector (Screw Down Terminal)
- (1) Set Mounting Bracket and Screws
- (1) Product Manual

PART NO.	WATT	PKG.
PA2X25	25W	Pkgd
PA2X60	60W	Pkgd
PA2X125	125W	Pkgd
PA2X150	150W	Pkgd



MULTIZONE AMPLIFIERS



6X6 DISTRIBUTION AMPLIFIER

- 6x6 Audio matrix with 6 bridgeable zones to accommodate 1 or 2 speakers per zone
- Provides a whole house audio control system - expandable up to 3 units for 18 zones of distributed audio
- RS232-IP adapter and Android and IOS app allows for effortless control via smartphone or tablet
- Optional keypads with modern design fit seamlessly into any room. Keypads are POE with built-in IR Receivers (Keypads and 1 Cat5e/Cat6 Connection Hub sold separately as PA66ACCS)
- High efficiency Class D amplification
- Stereo/Bridge mono output
- Stereo/Bridge mode adjustable
- RS-232 port allows 2-way communication with 3rd party control systems
- Power 230V and 115V adjustable
- Ext. mute & system on 3.5mm mono mini phone jacks
- 6 IR emitter 3.5 mm mono mini phone jacks + 1 IR emitter 3.5mm mono for all
- Output jack
- 1 PA input jack to set all zone to source 1
- 6 Zone Pre-AMP outputs to connect external power amplifier
- Dimensions: 16.9" W x 3.5" H x 16.4" D

PACKAGE CONTENTS

- (1) PA66MK2 6x6 Amplifier
- (1) Remote Control
- (1) RS-232 IP Adapter
- (1) Expansion Ribbon Cable
- (1) Rack Mounting Ears - 2 (Installed on Amp)
- (1) Speaker Terminal Blocks - 6 (Installed on Amp)
- (1) AC Power Cable
- (1) Product Manual

PART NO.	PKG.
PA66MK2	Pkgd





6X6 DISTRIBUTION AMPLIFIER ACCESSORY KIT

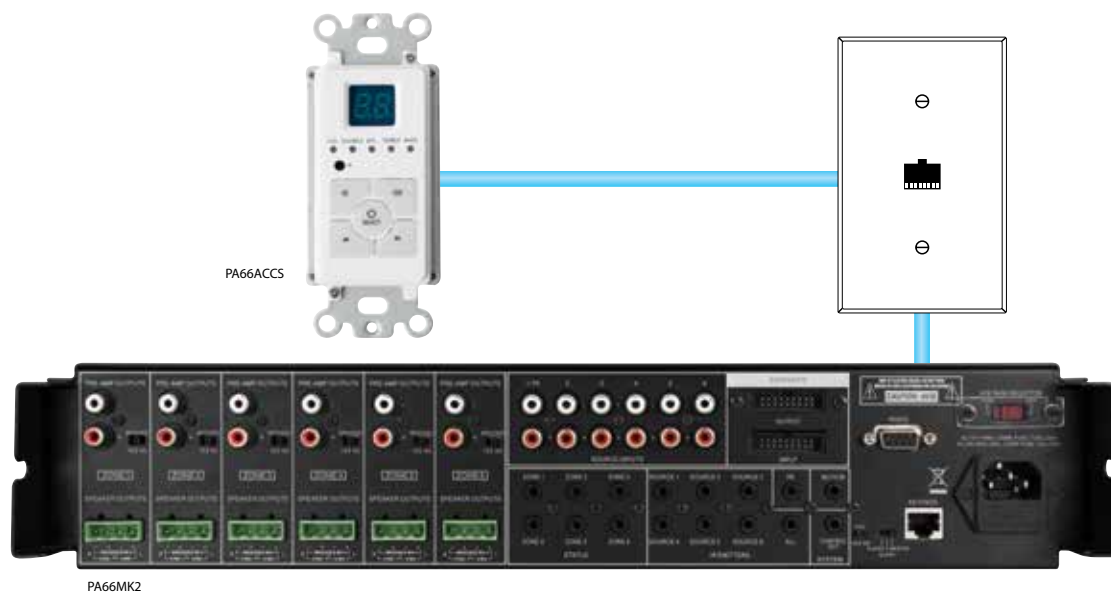
- Accessory kit for PA66MK2 6x6 distribution amplifier



PACKAGE CONTENTS

- (1) Remote Control
- (1) Keypad Connection Hub and Decora Wall-plate
- (1) Keypad Mounting Hardware
- (1) Keypad hub
- (6) PoE Keypads with built-in IR RX and Decora Wall Plates
- (1) IR Receiving Cable
- (1) AC Power Cable
- (1) Product Manual

PART NO.	PKG.
PA66ACCS	Pkgd



BLUETOOTH TRANSMITTER/RECEIVERS

TRANSMITTER/RECEIVER WITH BLUETOOTH® 4.1 WIRELESS TECHNOLOGY

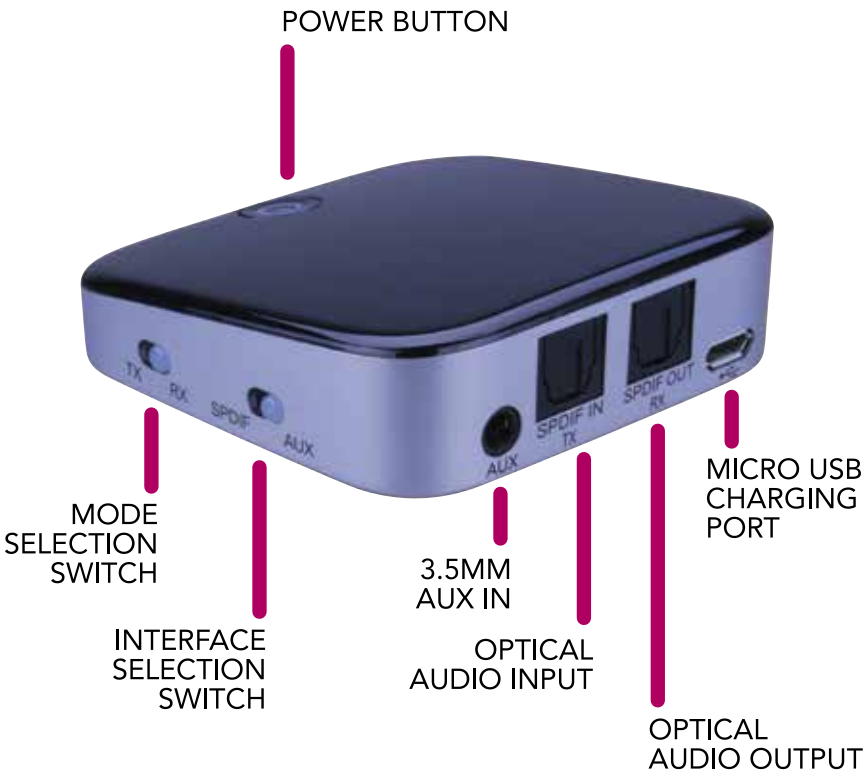
- Bluetooth 4.1 with A2DP, AVRCP, and apt-X compatibility
- Designed to add Bluetooth functionality to audio devices
- Allows non-Bluetooth-enabled systems and products to seamlessly pair with Bluetooth-enabled devices
- Automatically searches for devices for connectivity
- Transmits and receives analog and digital, wired or wireless audio
- No APP or driver needed
- Noise reduction and echo cancellation
- Multi-band equalizer configuration
- Supports voice prompts
- Supports dual-stream (TX) and dual connection (RX) modes to support multiple connections simultaneously
- Integrated Li-Type battery charger and supports 350 m fast charge
- Over-discharge/charge protection
- Automatic connection memory of multiple devices for faster and easier Bluetooth connections
- Dimensions: 2.3" W x 2.3" H x 0.7" D



PACKAGE CONTENTS

- (1) PABT410 Transmitter/Receiver
- (1) Digital Optical Cable for SPDIF Connection
- (1) 3.5mm Audio Cable
- (1) RCA to 3.5mm Audio Cable
- (1) USB Charging Cable
- (1) Product Manual

PART NO.	PKG.
PABT410	Pkgd





TRANSMITTER/RECEIVER WITH BLUETOOTH® WIRELESS TECHNOLOGY

- Designed to add Bluetooth functionality to audio devices
- Allows non-Bluetooth-enabled systems and products to seamlessly pair with Bluetooth-enabled devices
- Automatically searches for devices for connectivity
- Transmits and receives wired or wireless audio
- No APP or driver needed
- Noise reduction and echo cancellation
- Multi-band equalizer configuration
- Supports voice prompts
- Integrated Li-Type battery charger and supports 300 mA fast charge
- Over-discharge/charge protection
- Automatic connection memory for faster and easier Bluetooth connections
- Dimensions: 3.8" W x .6" H x 2.3" D



RECEIVE STATUS INDICATOR

BLUETOOTH CONNECTION
STATUS INDICATOR

TRANSMIT STATUS INDICATOR



MULTIFUNCTION
BUTTON

RECEIVE MODE AUDIO
OUTPUT INTERFACE

CHARGING

TRANSMIT MODE AUDIO
INPUT INTERFACE

PACKAGE CONTENTS

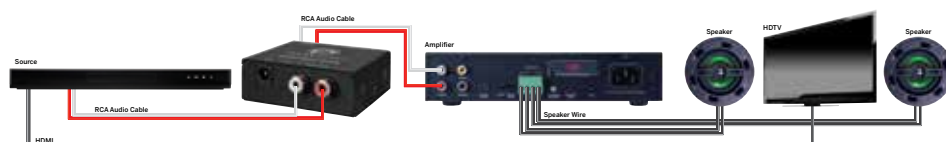
- (1) PABT100 Transmitter/Receiver
- (1) 3.5mm Audio Cable
- (1) AV Cable
- (1) 5VDC 1AMP Power Supply
- (1) Product Manual

PART NO.	PKG.
PABT100	Pkgd

EXTENDERS & CONVERTERS

AUDIO DELAY DEVICE

- Adjustable up to 16 increments ranging from 20 – 340ms
- Analog L/R RCA input and output
- Simple and easy to use with a manual adjustment dial
- Compact size for discreet placement
- DC 5V Power
- Dimensions: 2.5" W x 0.9" H x 3" D



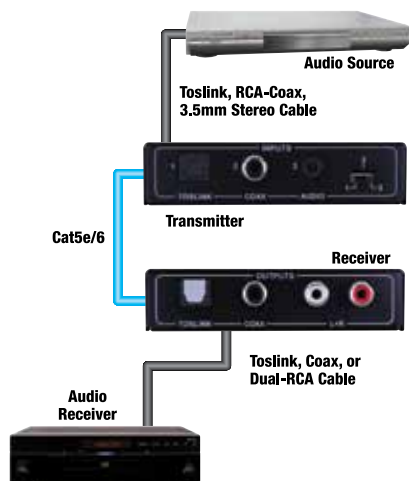
PACKAGE CONTENTS

- (1) PA-ADS1 Audio Delay Device
- (1) Power Supply
- (1) Product Manual

PART NO.	PKG.
PA-ADS1	Pkgd

DIGITAL-ANALOG AUDIO EXTENDER

- Analog audio extension over a single Cat5e/6 via 3.5mm connection
- Digital audio extension over a single Cat5e/6 via Toslink and/or coax connection
- Inputs can be manually switched
- Three audio synchronous outputs: TOSLINK, COAX & RCA (L+R)
- Supports PCM, DTS, and Dolby audio formats
- POC technology allows transmitter to be powered up by the receiving unit for easy installation
- Transmits analog audio signals up to 557ft/170m over a single CAT5e/6 cable
- Transmits digital audio signals up to 951ft/290m over a single Cat5e/6 cable
- Dimensions: 3.5" W x 3.1" H x 0.8" D



PACKAGE CONTENTS

- (1) PA-EXTDA Digital-Analog Audio Extender
- (1) 12VDC, 1A Power Adapter
- (1) Set of Mounting Ears and Screws
- (8) Plastic Cushions
- (1) Product Manual

PART NO.	PKG.
PA-EXTDA	Pkgd



MIXING MICROPHONE AND ANALOG AUDIO EXTENDER

- Extends balanced XLR and 3.5mm stereo audio over a single Cat5e/6 up to 300m/984ft
- Features power over cable (PoC), allowing the extender set to be powered off a single power supply, powered on the receiver end
- Mixing built in with an easy to use dial to mix between the XLR and stereo AUX inputs
- Mic input (XLR) and AUX input with balanced level control
- Supports two types of microphones, dynamic and condenser
- 12V Phantom power option
- Ability to cascade with connections for additional PA-TXMIX transmitters (sold separately) to add additional sources

Have more than 2 sources needing to be mixed?
Additional PA-TXMIX transmitters can be used and
cascaded over a single Cat5e/6 for even larger solutions.
(PA-TXMIX transmitter sold separately)

PACKAGE CONTENTS

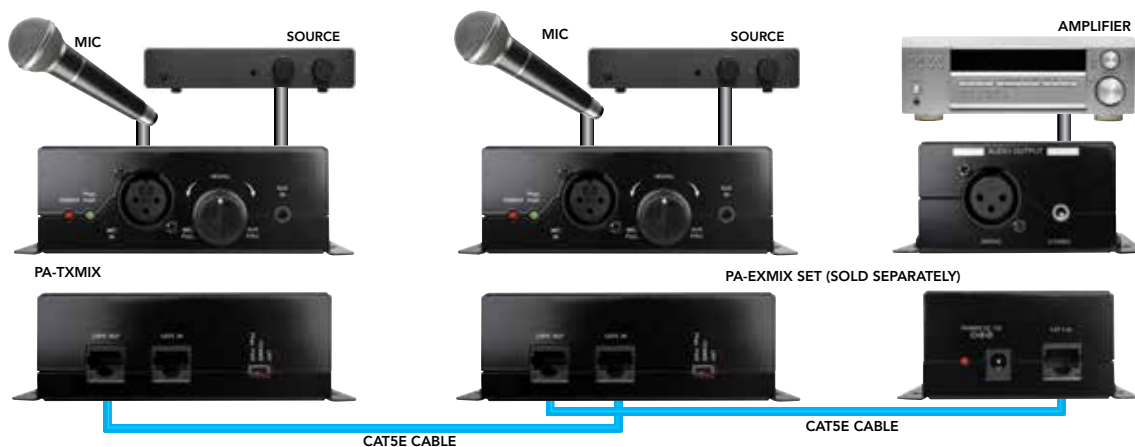
- (1) PA-EXMIX Extender
- (1) 12V Power Supply
- (1) Set of Mounting Screws
- (1) Product Manual

PART NO.	PKG.
PA-EXMIX	Pkgd

PACKAGE CONTENTS

- (1) PA-TXMIX Extender
- (1) 12V Power Supply
- (1) Set of Mounting Screws
- (1) Product Manual

PART NO.	PKG.
PA-TXMIX	Pkgd





HDMI AUDIO SIGNAL EXTRACTOR WITH EARC AND ARC

- Extracts audio signals from an HDMI source signal
- Supports enhanced audio return channel (eARC) and ARC
- Passes 4K@60Hz 4:4:4 resolution
- Supports HDR (High Dynamic Range) with HDR10, HDR10+, Dolby Vision formats
- Dolby and DTS format pass-through such as Dolby TrueHD, Dolby Digital Plus, Dolby Atmos and DTS-HD Master Audio
- HDMI 2.0b and HDCP 2.3 compliant
- Supports 18Gbps video bandwidth
- Built-in equalizer
- Supports CEC functionality
- Advanced EDID management
- Dimensions: 2.5" W x 2.75" D x 1.5" H

PACKAGE CONTENTS

- (1) PA-EARCX Audio Extractor
- (1) USB Cable (USB-A to Micro USB)
- (1) USB Power Adapter
- (1) Product Manual

PART NO.	PKG.
PA-EARCX	Pkgd





TWO SOURCE, FOUR PAIR STEREO
SPEAKER SELECT BOX WITH VOLUME CONTROL

- Distributes high level stereo signals from 2 sources to up to 4 zones
- Easy selectable impedance matching to protect amplifiers and equipment
- Spring loaded speaker terminals accepts up to 14 gauge speaker wire
- 12-step volume control settings
- Independent ON/OFF button for each zone
- Rack mounting accessories included
- Rated up to 100W RMS per channel
- Dimensions: 16.7" W x 7.1" D x 1.7" H

PACKAGE CONTENTS

- (1) PA-SS4V Speaker Selector
- (1) Product Manual

PART NO.	PKG.
PA-SS4V	Pkgd

SPEAKER SELECTORS



SPEAKER SELECTORS



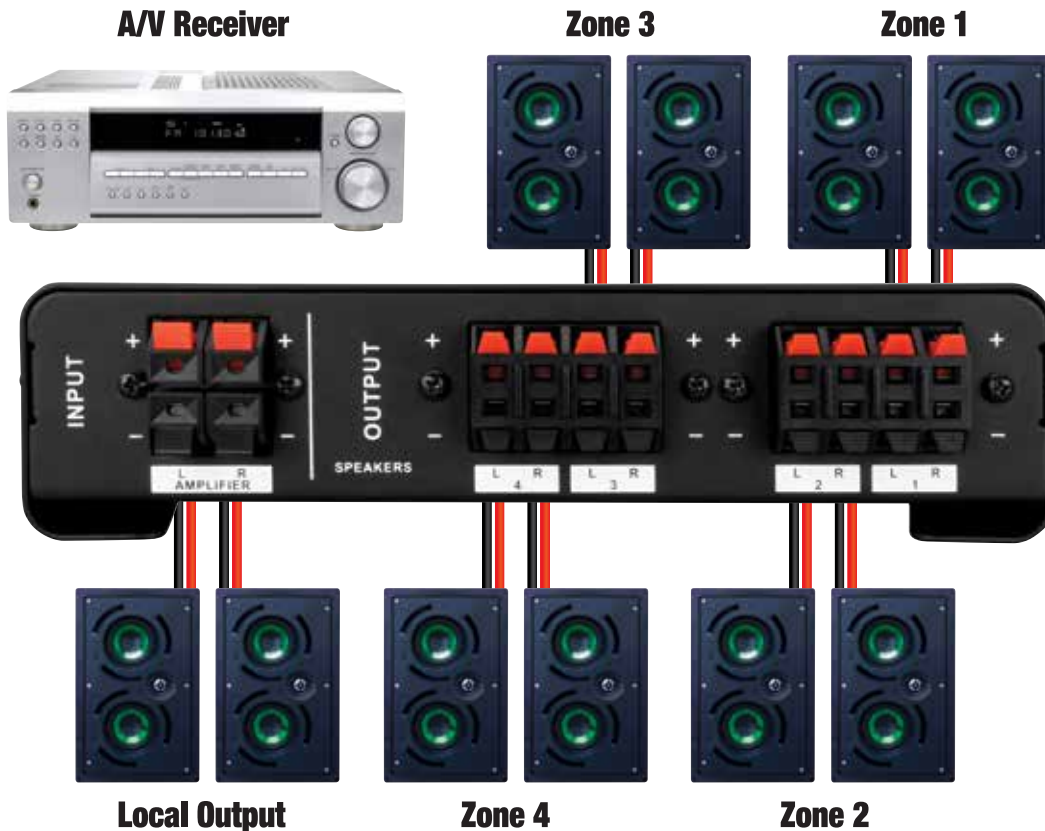
FOUR PAIR SPEAKER SELECTOR BOX

- Low profile speaker selector unit that allows for distribution of high level (amplified) stereo signals into four zones.
- Features a manually activated impedance protection circuit that can be activated to prevent the impedance to a receiver, this protection keeps the receiver from dropping below 5 Ohms, regardless of the impedance rating of the speakers utilized
- Impedance protection can also be de-activated, allowing for part of a planned system of impedance with matching volume controls, resulting in great sound quality in every zone.
- Two Sets of Electrical Safety Devices for Safeguarding the Stereo Amplifier have been Installed to Protect the Stereo Amplifier Against Shorting of Lines and/or Open Speaker Connectors
- Rated 70 Watts Continuous per Channel
- 10 Ohm Impedance
- Accepts 14 to 18 AWG Speaker Wire
- Push-pin Terminal Connections
- Dimensions: 8.5" W x 1.8" H x 4.5" D

PACKAGE CONTENTS

- (1) PA-SS4 Speaker Selector
- (1) Product Manual

PART NO.	PKG.
PA-SS4	Pkgd





PACKAGE CONTENTS

- (1) PASBR Universal Speaker Mount
- (1) Set of Mounting Hardware
- (1) Steel Security Cable

PART NO.	PKG.
PASBR	Pkgd

UNIVERSAL DUAL-AXIS SPEAKER

- Heavy-duty universal speaker mount that holds speakers up to 33lbs/15kg
- Dual-axis design allows for 90° angles and 360° rotation
- Includes steel cable for additional security and safety
- Dimensions: 3.9" W x 3.9" H x 5.5" D



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EXPLORE

OUR COMPLETE BRAND LINEUP



EVOLUTION



PULSEAUDIO™



PREFERRED PARTNERSHIPS

PROCELL®

MONSTER POWER®



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NOTES

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