

120/240W 6-Channel Commercial Amplifiers

PA6X Quick Start Guide



⚠ Safety Instructions

For optimum performance and safety, please read these instructions carefully before use and keep this guide for future reference. Please have the part number, serial number, and invoice available when requesting support.

- To prevent an electrical shock, please ensure all devices are properly grounded.
- Place the device in a well-ventilated area and do not block any ventilation openings.
- Do not expose or place device near water - liquid may cause a failure, fire, or electrical shock.
- Do not place the device on an uneven or unstable surface - a fall may result in a malfunction.
- Never insert anything metallic into the device - this may cause an electrical shock.
- If a third-party power supply is used, please ensure it meets the requirements of this device.



Additional Resources

Visit the product page at www.vanco1.com for the latest version of this document and other resources.

Description

The PA6X series of 6-channel commercial amplifiers are designed for versatile audio distribution in retail, hospitality, and office environments. Supporting both 8ohm and 70/100V speaker systems, it offers flexible installation options to suit a wide range of projects. With inputs for two microphones, multiple line sources, Bluetooth connectivity, USB flash drives, SD/MMC memory cards, and a FM radio tuner, it delivers convenient playback and seamless mixing capabilities. Available with 120W or 240W total power output, these amplifiers provide reliable performance and a clear, balanced sound for any commercial setting.

Key features:

- Compatible with 4/8/16ohm and 70/100V speaker systems
- 120/240W total power or 20/40W per channel
- Multi-zone control to independently manage audio in 6 zones
- Front panel dials control for all functions
- Rack mounting ears and hardware included

Box contents:

- (1) PA6X120/240 amplifier
- (1) Set of rack mounting ears and hardware
- (1) FM tuner antenna
- (1) Remote control
- (1) Quick start guide



PA6X120 120W, 6-Channel Commercial Amplifier

120W of total power or 20W per channel



PA6X240 240W, 6-Channel Commercial Amplifier

240W of total power or 40W per channel

120/240W 6-Channel Commercial Amplifiers

PA6X Quick Start Guide



Connection Diagram

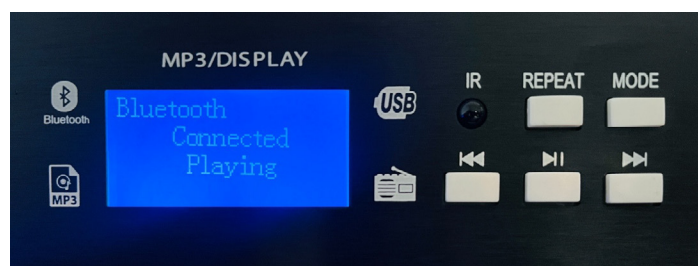
1. Ensure power is off or removed from the PA6X series amplifier.
2. Connect any line in analog audio sources using the stereo dual-RCA input, USB flash drive, or SD or MMC memory card.
3. If using microphone(s), connect using the 1/4" connections on the front of the unit.
4. If using the built-in FM tuner, connect the provided antenna to the antenna port and extend and adjust for best results.
5. Connect the speakers accordingly:
 - COM acts as the NEGATIVE terminals and can be shared among others
 - CH1-CH6 acts as the POSITIVE terminals and are independent

NOTE: Master Output has 4-16 ohm capabilities and 70V/100V capabilities. Use the COM terminal as the NEGATIVE and either 70V, 100V, or 8 ohm as the POSITIVE terminal

6. Connect the power into the power input port.
7. Power on attached audio devices and test.

Pairing Bluetooth

1. On the front panel of the amplifier, or by using the provided remote control, press the Mode button until Bluetooth is shown on the front panel LED.
2. On your Bluetooth enabled device, search through nearby Bluetooth devices and find and select PA-BT.
3. Play content. The status of the Bluetooth connection and action will be displayed on the front panel LED screen.



Vanco Tech Support

Phone: 800-626-6445

Email: techsupport@vanco1.com

Web: www.vanco1.com/tech-support

