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PA-50HZ Quick Start Guide

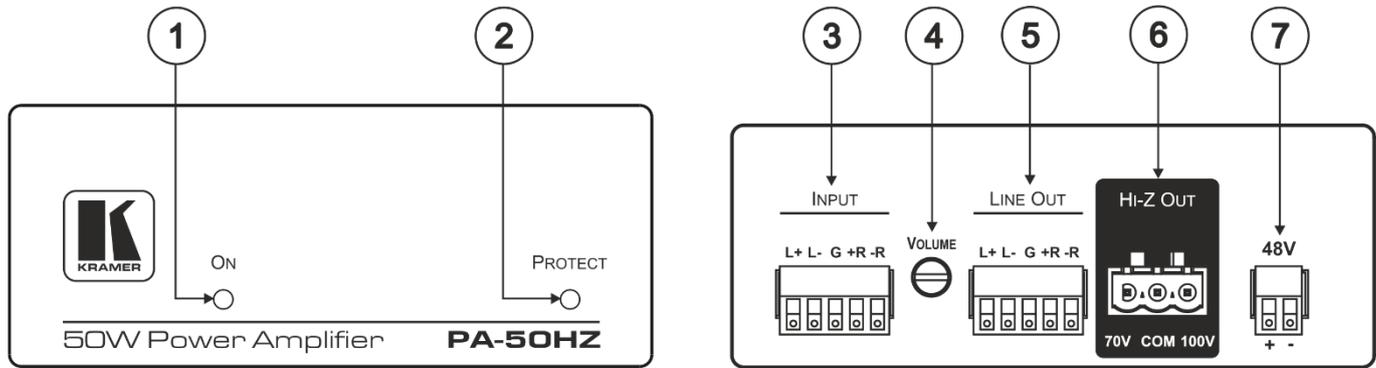
This guide helps you install and use your PA-50HZ for the first time.

Go to <http://www.kramerav.com/downloads/PA-50HZ> to download the latest user manual and check if firmware upgrades are available.

Step 1: Check what's in the box

- ✓ PA-50HZ 50W Power Amplifier
 - ✓ 1 Power adapter and cord
- ✓ 4 Rubber feet
 - ✓ 1 Quick start guide

Step 2: Get to know your PA-50HZ



| # | Feature | Function |
|---|--|--|
| 1 | ON LED | Lights green when powered on, orange when in standby. |
| 2 | PROTECT LED | Lights red in case of over-current / short circuit / over-heat. The device powers down until operational conditions are corrected and automatically powers up. |
| 3 | INPUT 5-pin Terminal Block Connector | Connect to a line-level, balanced, stereo audio source. |
| 4 | VOLUME Attenuator | Volume for speaker output. |
| 5 | LINE OUT 5-pin Terminal Block Connector | Connect to a balanced, stereo audio acceptor (for example, amplified speakers). |
| 6 | Hi-Z Out 3-pin Large Terminal Block Connectors | Connect Hi-Z and COM to mono Hi-Z speakers. Speaker can output a mono signal. |
| 7 | 48V DC Power Terminal Block Connector | Connect to the Kramer power adapter. |

Step 3: Install the PA-50HZ

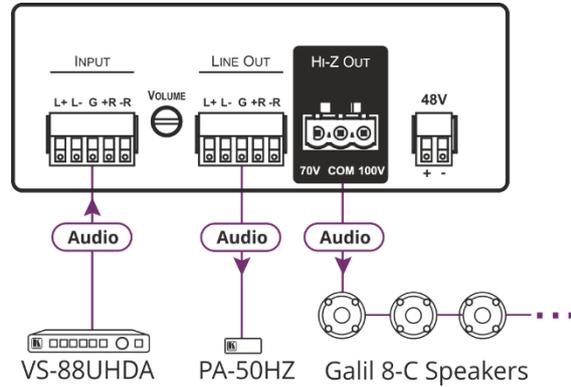
Install PA-50HZ using one of the following methods:

- Mount the unit in a rack using an optional RK-1 rack adapter.
- Attach the rubber feet and place the unit on a flat surface.



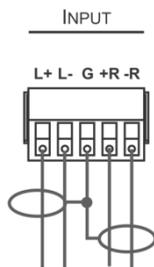
Step 4: Connect the input and outputs

Always switch OFF the power on each device before connecting it to your **PA-50HZ**. For best results, we recommend that you always use Kramer high-performance cables to connect AV equipment to the **PA-50HZ**.

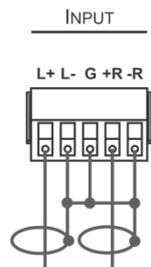


Connect the audio INPUT:

To a balanced stereo audio source:

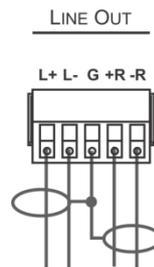


To an unbalanced stereo audio source:

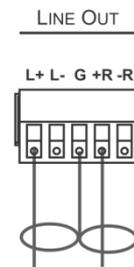


Connect the audio LINE OUT:

To a balanced stereo audio acceptor:



To an unbalanced stereo audio acceptor:



Step 5: Connect the power

Connect the power cord to **PA-50HZ** and plug it into the mains electricity.
Safety Instructions



- Caution:** There are no operator serviceable parts inside the unit.
 - Warning:** Use only the power cord that is supplied with the unit.
 - Warning:** Do not open the unit. High voltages can cause electrical shock! Servicing by qualified personnel only.
 - Warning:** Disconnect the power and unplug the unit from the wall before installing.
- See www.KramerAV.com for updated safety information.

Technical Specifications

| | | |
|--------------------------|--|---|
| Input | 1 Stereo Balanced Audio | On a 5-pin terminal block (up to +4dBu/10kΩ) |
| Outputs | 1 Stereo Balanced Line Level 1 Mono Speaker | On a 5-pin terminal block connector (up to +4dBu/600Ω) On a 3-pin large terminal block |
| Input Sensitivity | | Full power @ 1.5V (+5dBV) |
| Amplifier | Class | D |
| | Output Power: | 1 x 50W @ 70V or 100V |
| | Maximum Voltage Gain: | 37dB BTL |
| | Dynamic Range | >120dB |
| | Frequency Response | Speaker output 50Hz to 20kHz @ +/-3dB Line level output 20Hz to 20kHz @ +/-0.3dB |
| | S/N Ratio: | 90dB, 20 Hz - 20 kHz |
| | Audio THD + Noise: | Speaker output THD+N (1kHz @ 1W) 0.01 % Line level output THD+N (1kHz @ 1W) 0.001 % |
| | Audio 2nd Harmonic: | 0.00006% |
| Controls | | Screw trimmer input volume attenuator |
| Power | Consumption | 48V DC, 1.3A |
| | Source | 48V DC, 1.36A |
| Cooling | Convection Ventilation | |
| Environmental Conditions | Operating Temperature | 0° to +40°C (32° to 104°F) |
| | Storage Temperature | -40° to +70°C (-40° to 158°F) |
| | Humidity | 10% to 90%, RHL non-condensing |
| Regulatory Compliance | Safety | CE, UL |
| | Environmental | RoHs, WEEE |
| Enclosure | Size | 1/4 19" 1U |
| | Type | Aluminum |
| General | Net Dimensions (W, D, H) | 10.7cm x 10.4cm x 4.4cm (4.2" x 4.1" x 1.7") |
| | Shipping Dimensions (W, D, H) | 23.2cm x 13.6cm x 10cm (9.1" x 5.4" x 3.9") |
| | Net Weight | 0.8kg (1.8lbs) |
| | Shipping Weight | 1.4kg (3.1lbs) approx. |
| Accessories | Included | Power adapter, power cord |
| | Optional | RK-1 rack adapter |

Specifications are subject to change without notice at www.kramerav.com