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PA-50HZ Quick Start Guide

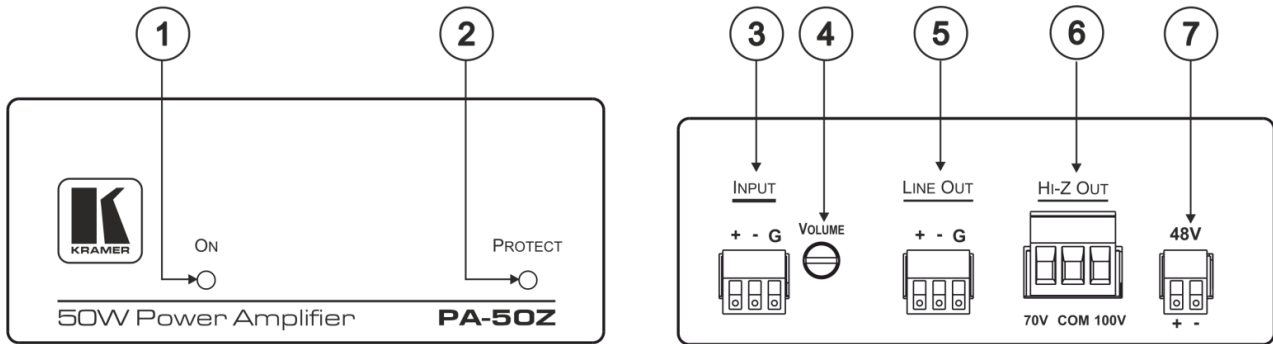
This guide helps you install and use your PA-50HZ for the first time.

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 3-pin Terminal Block Connector	Connect to a line-level, balanced, mono audio source.
4	VOLUME Attenuator	Volume for speaker output.
5	LINE OUT 3-pin Terminal Block Connector	Connect to a balanced, mono 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.

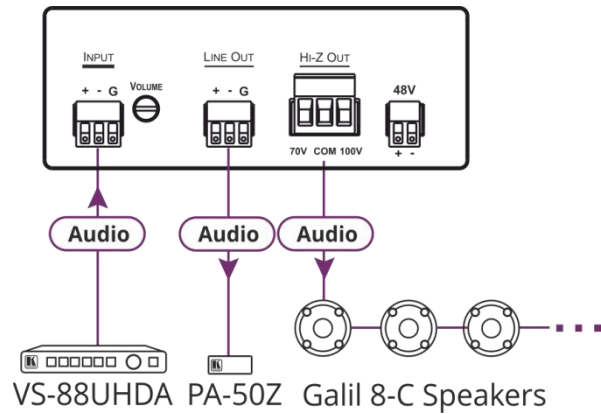
Step 3: Install the PA-50HZ

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**.



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 Mono Balanced Audio	On a 3-pin terminal block (up to +4dBu/10kΩ)
Outputs	1 Mono Balanced Line Level	On a 3-pin terminal block connector (up to +4dBu/600Ω)
	1 Mono Speaker	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, 1.2A
	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