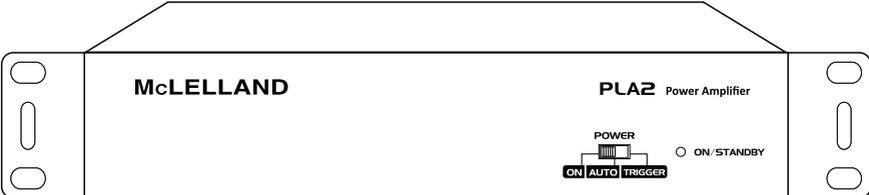


McLELLAND®

PLA2 | **240W**
POWER AMPLIFIER



DEAR CUSTOMER

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

WARNING

1. Do not expose this unit to water, moisture, or excessive humidity.
 2. Do not install or place this unit in a built-in cabinet, or other confined space without adequate ventilation.
 3. To prevent risk of electrical shock or fire hazard, due to overheating do not obstruct unit's ventilation openings.
 4. Do not install near any source of heat, including other units that may produce heat.
 5. Do not place unit near flames.
 6. Only clean unit with a dry cloth.
 7. Unplug unit during lightening storms or when not used for an extended period of time. A surge protector is strongly recommended.
 8. Protect the power cord from being walked on or pinched, particularly at the plugs.
 9. Use unit only with accessories specified by the manufacturer.
 10. Refer all servicing to qualified personnel.
-

CAUTION

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



FRONT PANEL FEATURES



Power On Selection

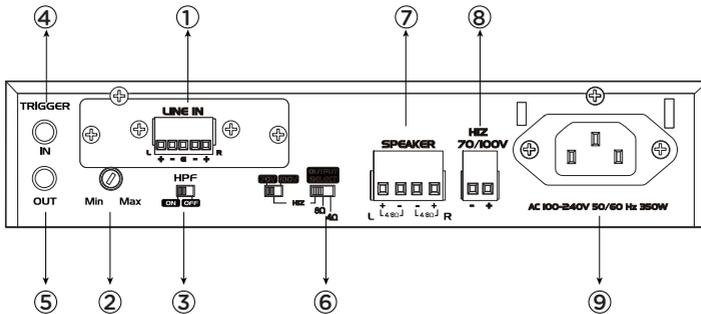
ON : The unit always Power ON, and will not go to Standby mode.

AUTO : The unit goes to Standby mode after 15 minutes of no signal sensing.

TRIGGER : The unit only power on by providing 12VDC at Trigger In(Rear Panel).

LED : GREEN indicates Power On. RED indicates Standby mode.

REAR PANEL FEATURES



1. **LINE IN:** 5 pin Euro terminal.
2. **LEVEL :** Adjust the level of output.
3. **HPF:** High Pass Filter (80Hz)
4. **TRIGGER IN :** Apply 12VDC to this connector to activate the unit.
5. **TRIGGER OUT :** Provide 12VDC to trigger another device.

6. **OUTPUT SELECT SWITCH :**
4Ohm/8Ohm and HIZ for 70V/100V.
7. **SPEAKER :** Connect with 4 Ohm or 8 Ohm speakers.
8. **70V/100V:** Connect with Constant-Voltage speakers directly.
9. **AC INPUT**

FEATURE

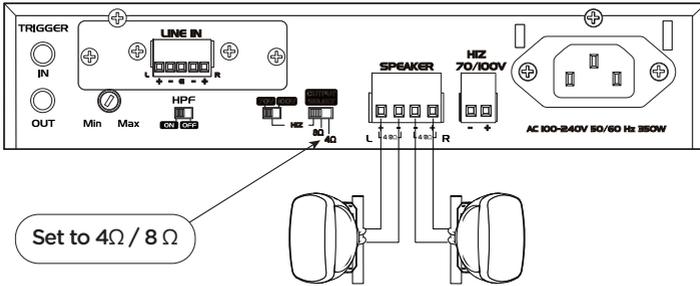
- * Two Channels Model - 120W RMS/Per Channel
- * Stereo into 4-8 Ohm loads.
- * Bridged mode 240W output for 70V or 100V (Direct Drive)
- * Power down after -15 minutes of no signal and comply with Energy Star Power consumption limits of < 0.5W in standby.
- * RED LED (Front Panel) to indicated Standby mode is active.
- * Terminal Block analog audio inputs.
- * Selection for Power-Up mode.
- * Switch for High Pass Filter.
- * Natural cooling without Fan.
- * TRIGGER could be external remoting ON/OFF.
- * Short circuit protection.
- * Overheating protection.
- * Optional accessory card slot for Dante Receiver.

TECHNICAL SPECIFICATIONS

Stereo Mode (all channels driven) 120W x 2, 8 Ω (31 V) RMS output (steady state), per channel @ < 1 % THD+N 120W x 2, 4 Ω (22 V) RMS output (steady state), per channel @ < 1 % THD+N	
Bridged Outputs For 70V/100V (Switch at "HIZ" position) 240W, 70V @ < 1 % THD+N 240W, 100V @ < 1 % THD+N	
Frequency Response 20 Hz - 20 kHz, +/- 2 dB @ 4 Load	High Pass Filter 80 Hz(±2dB)
Signal to Noise >90dB @ 1W(20 Hz - 20 kHz)	Input Connector 5 pin Euro terminal
Input Sensitivity 1.0V (+0dBu) @ Max Output 4 Ω	Trigger Connectors 3.5 mm Jacks
Gain Value 25 dB @ 4 Ω	Output Connectors 4 pin Euro terminal (4Ω/8Ω) 2 pin Euro terminal (70V/100V)
Input Impedance >10k, Balanced.	Dimensions 214mm(W) x 249.8mm(D) x 44mm(H)
Maximum Input Level 12.3 V (+24 dBu)	Net Weight 1.94 Kg
Trigger In/Out DC 12V	Power Requirements 100 - 240 VAC, 50 - 60 Hz, 350W

CONNECTION DIAGRAM

Stereo mode ($4\ \Omega / 8\ \Omega$)



Bridged mode (HIZ 70V 100V /)

