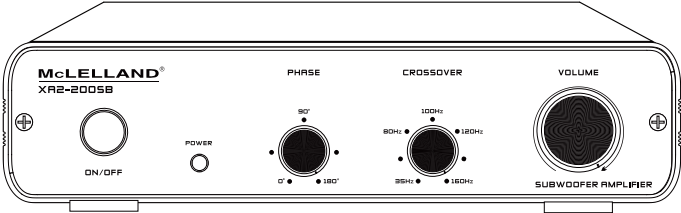


XA2-200SB | **SUBWOOFER
AMPLIFIER**



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.



INTRODUCTION

The McLELLAND XA2-200SB Subwoofer amplifier provides clean 200W Class D power with compact and lightweight design. Its tabletop design is compatible with many other popular electronic devices or McLELLAND XA2-250BT amplifier to have 2.1 channel sound systems. The XA2-200SB offers its owner the freedom to use a stand-alone, high quality amplifier to operate a subwoofer speaker.

XA2-200SB provides audio RCA line level inputs from any pre-amplifier, receiver and amplifier. And also features a stereo speaker level input if you have a source that is only available as a speaker level signal.

With the 12VDC Trigger function to remotely turn the amplifier, please read the instruction and enjoy the powerful of sound systems.

FEATURE

- * Provides 200 Watts Output Power (RMS @ 4 Ω).
- * Class D circuit designed.
- * Volume, Crossover, Phase adjustable.
- * 12V Trigger In for remotely Turn-on.
- * Auto music sensing.
- * Standby mode.
- * Speaker Line Out to speaker.
- * 115V or 230V Selectable
- * Designed in 1U height.

SPECIFICATION

Power Output: 200 Watts (RMS @ 4Ω)

Total Harmonic Distortion (THD): <1% (Rated power: 200W @ 4Ω)

Adjustable Low Pass Crossover: 35Hz ~ 160HZ

Line Level Input Sensitivity: 200mV

Phase Range: 0 - 180°

Auto Turn-on Sensitivity: 2mV @ 50 Hz

Trigger In: 12VDC

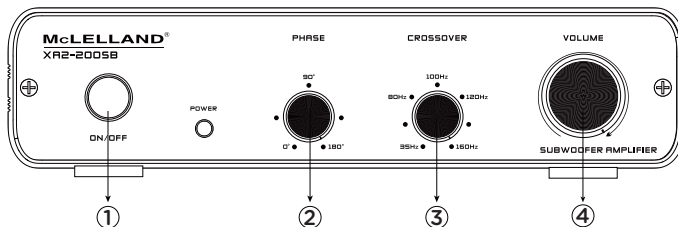
Thermal Protection: Yes

AC Input Voltage: 115V or 230V

Dimension: 200mm x160mm x 47.5mm (WxDxH)

Weight: 1.32Kgs

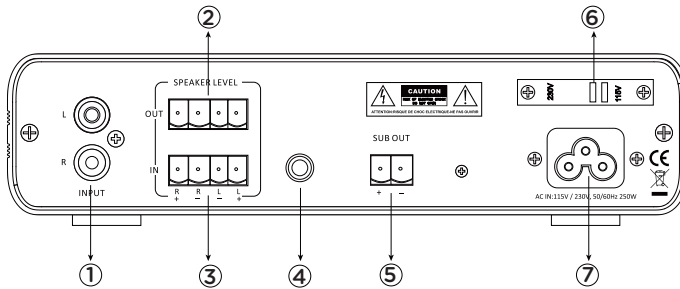
FRONT PANEL



- 1. POWER SWITCH:** The front panel switch will manually turn the power on or off.
POWER LED
GREEN: The amplifier is turn on.
RED: The amplifier is in Standby mode.
- 2. PHASE:** Adjusts the phase compensation from 0 to 180 degree for subwoofer location relative to the main speakers. In most situations the PHASE should be left at 0 degree, but for the advanced user it can be set either by ear or with the aid of measurement instruments.

- 3. CROSSOVER:** Adjusts the low-pass frequency from 35 Hz to 160 Hz. When using the Left/Right inputs, the adjustment will allow you to properly integrate the subwoofer with the satellite or main speakers.
- 4. VOLUME:** Adjusts the output level to Subwoofer to match the main speakers in the system.

REAR PANEL



- 1. RCA INPUT:** Accepts stereo or mono audio line signal. The amplifier will turn ON when the line audio signal is present. The amplifier will go to Standby mode after 3 minutes without audio signal and Power LED on front panel will turn RED.
- 2. SPEAKER LEVEL OUT:** The terminal will pass-through full-band speaker-level audio from an amplifier connected to the speaker Level IN. Connect to full band speakers appropriately rated for the amplifier connected to Speaker Level IN. The Volume knob on front panel does not affect the Speaker Level OUT.
- 3. SPEAKER LEVEL IN:** The terminal connects to the speaker level OUT on an amplifier, and pass-through full-band audio to the speaker Level OUT. The Speaker Level IN signal will also get processed by the CROSSOVER, PHASE and VOLUME knobs and then output via the SUB OUT.

- 4. TRIGGER:** 3.5mm Jack. When 12VDC voltage is applied to this jack from other amplifier, AV receiver or automatic control system, the amplifier will turn on. When DC voltage is removed, the amplifier will go to Standby mode.

NOTE: Using TRIGGER function, please press the POWER switch at ON position. When 3.5mm jack plugs into the amplifier, the Power LED will turn RED. And when 12VDC applied to this jack, the Power LED will turn GREEN.

- 5. SUB OUT:** 2 PIN screw terminal. Connect to a passive subwoofer.
- 6. VOLTAGE SWITCH:** Sets to properly AC voltage to 115V or 230V. Before apply the AC power to this amplifier, please make sure this switch is set at correct position.
- 7. AC POWER IN:** For connecting the power cord.

CONNECTION DIAGRAM

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