

VX-A2 Amplifier Installation Reference Sheet



FIG 1A

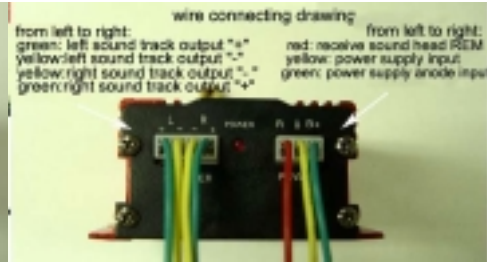


FIG1B

OUTPUT AND POWER INPUT SIDE (FIG 1A & B)

Using supplied connectors,

1. Attach GREEN wire (B+ BATTERY+) to +12V DC of battery or power source. Attach YEL wire to GND ((-)ground) of battery or power source. *WARNING: ATTACHING THE WIRING INCORRECTLY OR IN REVERSE POLIARITY WILL DAMAGE THE AMP AND VOID THE WARRANTY.*
2. (R) RED wire is used for REM (remote) wire of a car radio. **IMPORTANT:** If NOT using a car radio, i.e. only using an MP3 player, you must connect this RED wire to the +12V DC of battery or power source (same as GREEN B+ wire). You may add a toggle switch on this wire for manual ON/OFF function. The Red Power light should come on.
3. On the other connector, the SPEAKER OUTPUT connector, attach the GREEN and YEL to the LEFT (L) and RIGHT (R) speakers you are going to use. Make sure the (+) and (-) polarity is wired the same for each speaker.
4. The included Fuse holder and wire (RED) should be used between the GREEN B+ wire and the battery for overload protection (FIG 2).

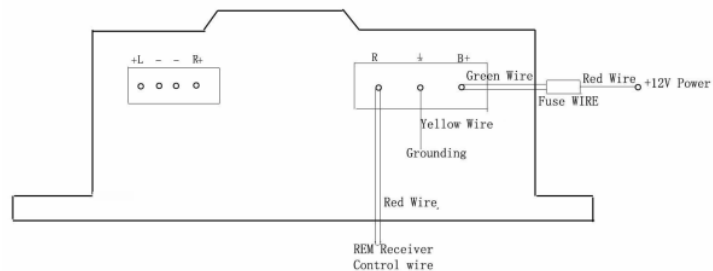


FIG 2

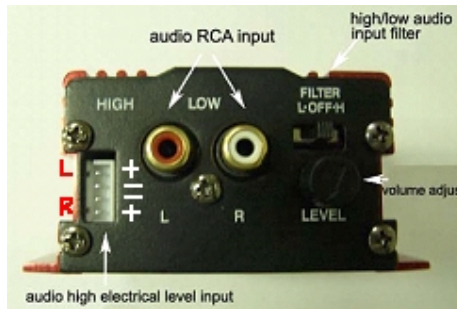


FIG 3.

INPUT SIDE (FIG 3):

1. Connect audio source to amplifier via low-level RCA jack INPUTS (Or, alternatively, connect speaker wire from source via high-level INPUT connector (included).
2. Use filter setting for desired sound result.
3. Use Gain Control Knob to adjust volume.

SAFETY PRECAUTIONS:

1. Metal casing will become hot during prolonged use. Therefore, do not touch the amplifier metal casing when in use.
Allow proper ventilation around amplifier unit. Never allow flammable or combustible materials near the unit.
2. Install the wiring only as indicated. If you have any problems, please ask a service professional for help in order to avoid damage to the unit from incorrect installation.
3. Do not place or install the amplifier in areas of excessive temperature or high humidity.

Technical Specifications:

Output power: 150W

Frequency response range: 40Hz~20kHz

Input signal low electrical level range: 0.1~1.0V

Input signal high electrical level range: 1.0V~2.0V

Input impedance: 40k Ω

Distortion(percentage of power validity): <0.1% (1kHz)

Measure of dispersion for double sound track: >50dB 1kHz

Signal-to-noise ratio: >70dB

Power voltage range: 11.5~14V

Output(speaker) impedance: 4~16 Ω

Low-pass filter: 40~250Hz

High-pass filter: 80Hz~2kHz

Measure: 110X80X40mm

Accessories: Screws and Fuse (1A, 250V)

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