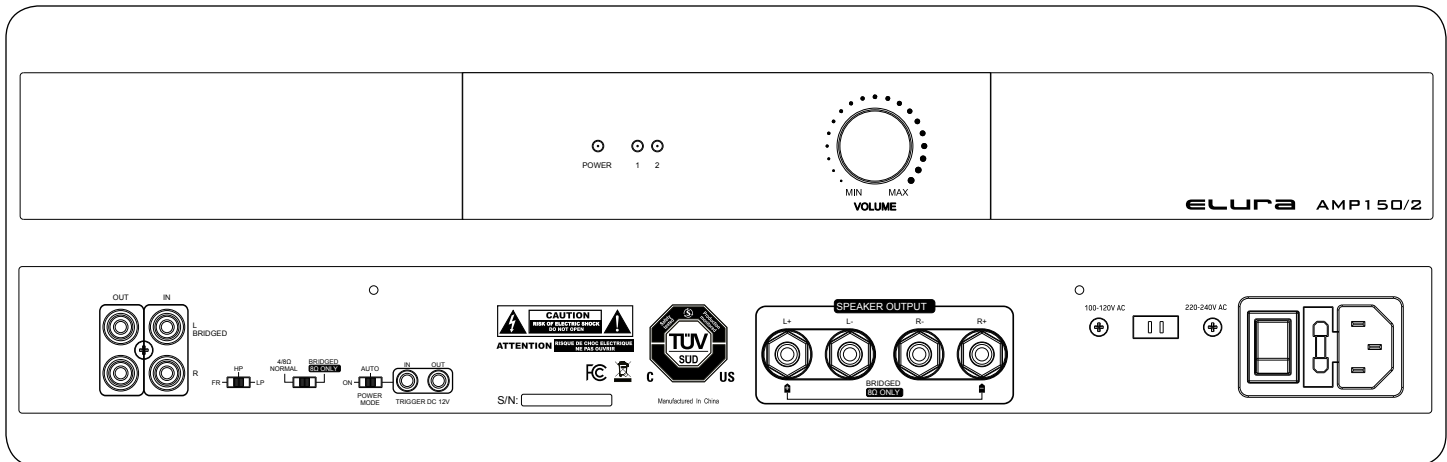


model # AMP 150/2
high performance amplifier



Overview.

Thank you for purchasing Elura Amplifier products. Elura is a high performance custom installed product engineered for movie and music enthusiasts. Each Elura product is manufactured to the highest quality standard using state of the art components and built for years of enjoyment.

Features.

- Digital high power amplification
- Low impedance
- Bridgeable
- Low Noise
- Small chassis
- Less Heat
- Efficient design
- Rack mountable
- Automation circuit

Contents.

- Amplifier
- Rack Mounting Hardware
- Power cord
- Manual



Warning.

To reduce the risk of electric shock, do not expose this product to rain or moisture. This product should not be exposed to dripping or splashing and avoid placing near any object filled with water, such as a vase or an aquarium.

Important Symbols.

The lighting flash arrowhead triangular symbol is to alert the user to the presence of uninsulated 'dangerous voltage' within the product sufficient enough to constitute a risk of electric shock.

The arrowhead symbol with an exclamation point is to alert the user to the presence of an important operational or maintenance instruction.

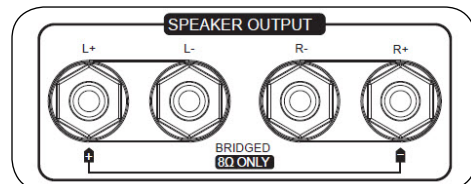
Safety Instructions.

1. Read the instructions.
2. Keep the instructions.
3. Heed all warnings.
4. Follow the instructions.
5. Do not use near water.
6. Clean with a dry cloth.
7. Do not block ventilation slots.
8. Install in accordance to the instructions.
9. Do not install near a heat source or combustible source.
10. Do not defeat the polarized or grounding plug.
11. Protect the power cord from being crimped, cut or pinched.
12. Only attached accessories specified within the instructions.
13. Use only on lower shelves with a stand, cart or rack product capable of holding the weight to avoid injury from furniture tipping over.

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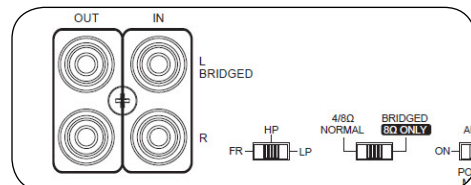
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Speaker Connections.



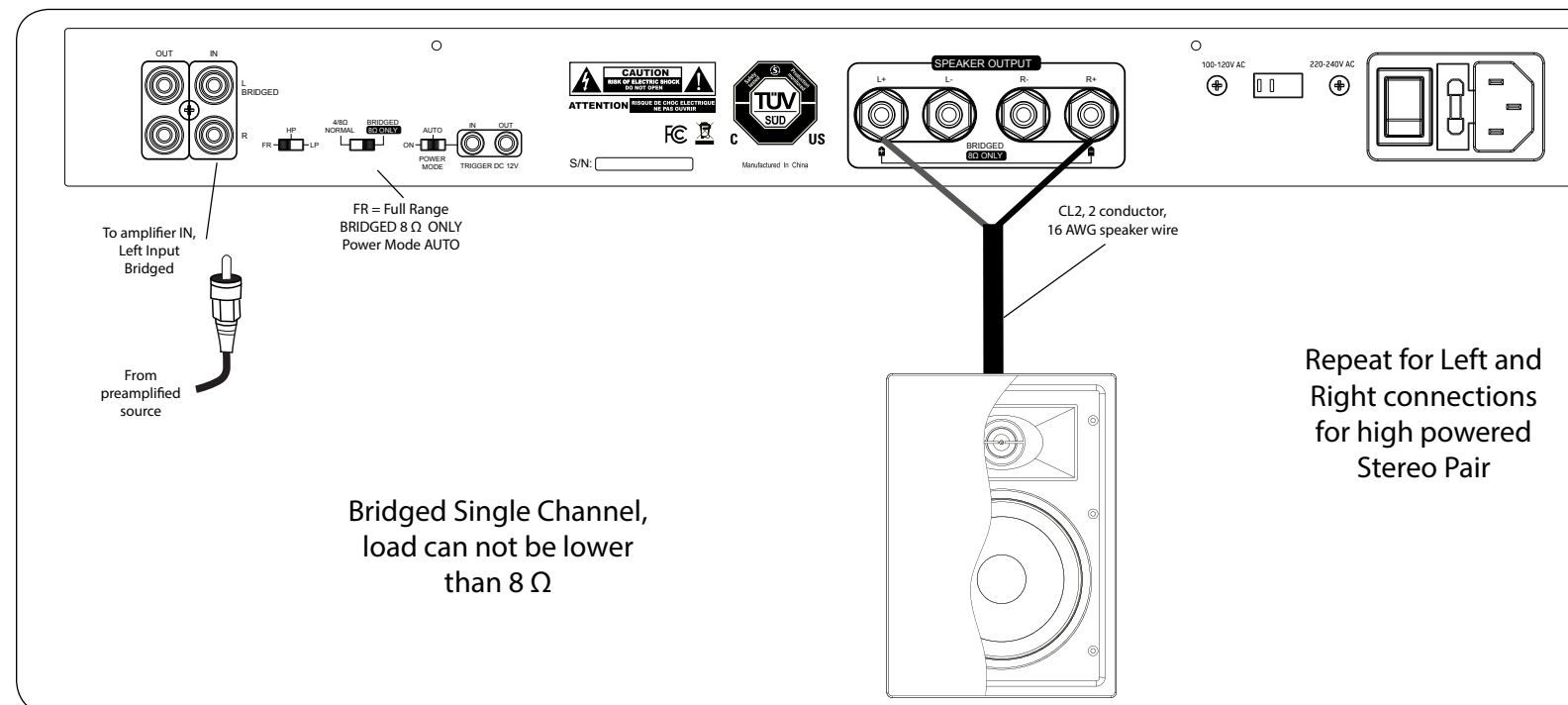
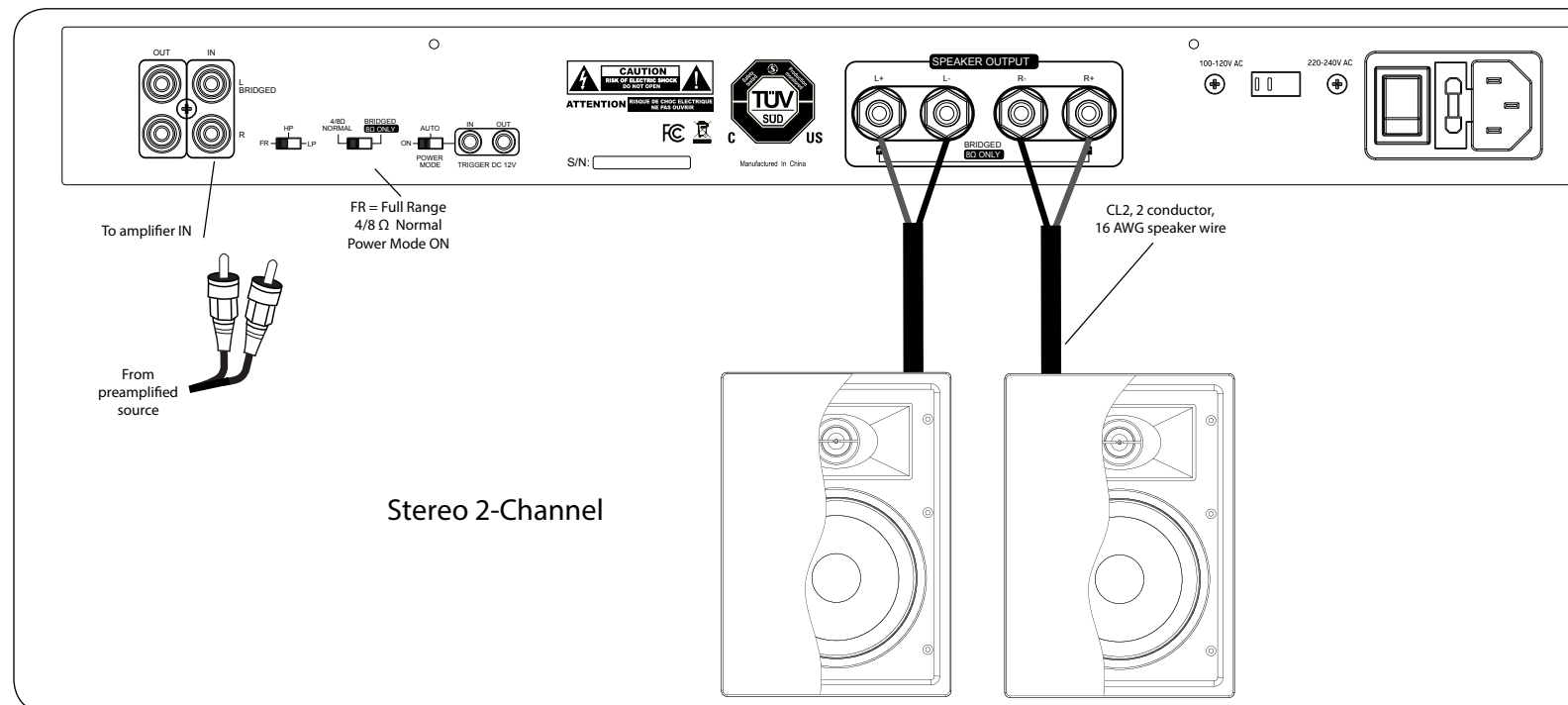
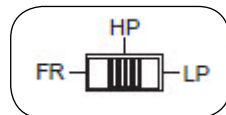
The AMP 150/2 has 5-way binding posts to make connecting your speaker wire easy and secure. The connector can be used to screw down onto bare wire, or banana jacks, spade connectors or pins. Position and polarity are color coded and marked to avoid phase issues. Be sure to follow and maintain proper polarity and position.

Preamp Connections.



Preamplified connections are made using Stereo RCA patch cables. The AMP 150/2 provides a convenient IN and OUT loop. Use the output to connect to another amp or other device sharing the pre-amp source signal. Other high-end options include using the amplifier's built in EQ filters to amplify just the low frequencies or the high frequencies using the FR/HP/LP switch.

FR= Full Range
HP= High Pass
LP= Low Pass



Auto Power Modes.

The M-AMP 150/2 has three power modes, ON / AUTO / TRIGGERED.

ON = Always ON

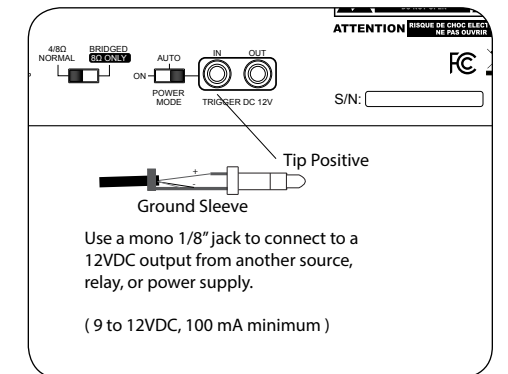
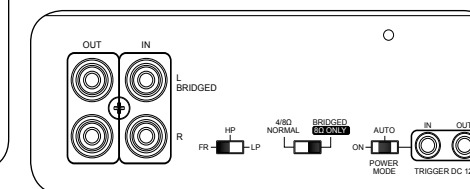
AUTO = Signal sensing via audio

TRIGGERED = 12VDC tip positive

Amplifiers produce light noise when left on. The noise is a light hiss and is heard when music isn't playing in a very quiet room. If you are using a master switch to turn off power to your audio equipment, always on is acceptable. In a louder or light commercial environment, always ON may be acceptable. In quiet rooms, it is suggested to use AUTO or TRIGGERED options.

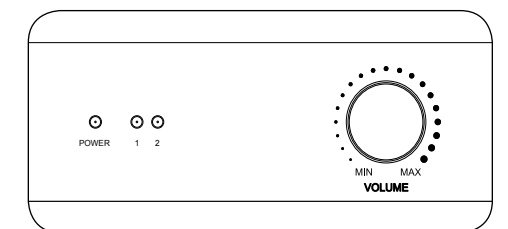
Bridging.

Bridging offers the user more power to the speaker. The compromise is that you lose a channel of the amplifier and the lowest impedance in bridge mode is 8 Ω. Bridging is an excellent way to increase the power to a pair of larger speaker. The diagram to the left shows an amplifier connected to a single speaker. For a pair, you would need two amplifiers and repeat the connections for left and right source outputs and speaker connections. See the image to the left for more details.



Amp Volume Settings.

The volume for the amplifier is on the front panel offer integrated control of the speaker output for Left / Right.



Front Panel LEDs.

The Elura amplifiers have LEDs on the front panel to indicate the amplifier's power state and channel status. The Power LED indicates the amplifier is ON. There is a LED indicating the channel state. The LEDs can be used to identify and trouble shoot channels that are not working. If a channel is in fault mode, power down the amp, identify and fix the issue. When complete power up the amp to recheck it has been resolved.

Power ON = Blue

Power OFF = Red

Channel Normal = Blue

Channel Fault = Red

Channel fault conditions are shortcircuit, thermal, or overload failures.

model AMP 150/2 high performance amplifier

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Bi-amping.

Bi-amping your speakers using two AMP150/2 amplifiers is an excellent and efficient way to get the most out of your speakers. In this case, the frequencies are crossovered in the amplifier and the speakers drivers are fed the most power possible directly to the tweeters and the drivers. Each speaker is driven by an amplifier channel bypassing the crossover components. While this setup can be a little more complicated, the performance is top notch!

Specifications.

Output Power: 150W x 2 @ 4Ω 1kHz

THD+N: @4Ω=0.9% / @8Ω=1.0%

Input Sensitivity: 600mV

Frequency Response: 10Hz - 20kHz

High Pass Filter: 150Hz - 20kHz / -3dB

Low Pass Filter: 10Hz - 150Hz / -3dB

Signal to Noise Ratio: -75dB

Auto Turn ON: 5mV

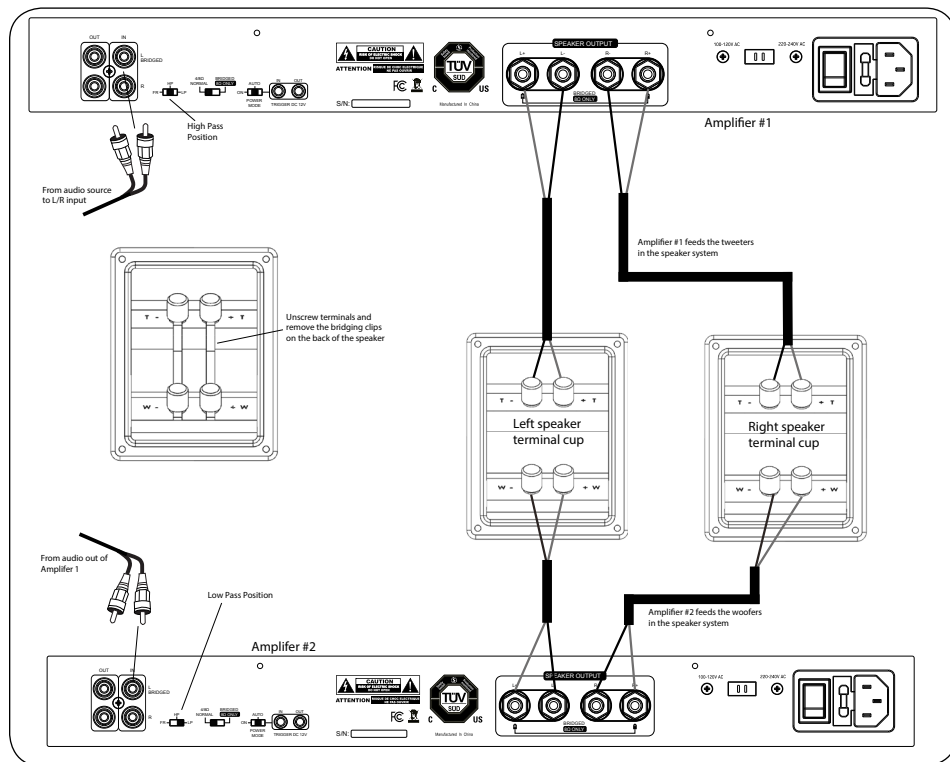
Turn OFF Delay: 8min

Supply Voltage: AC230V / 50Hz

AC110V / 60Hz

Warranty.

All Elura products come with a 2 year limited liability warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products which have been abused, modified or disassembled. Warranty items only by authorized resellers. Warranty not eligible for products purchased through non-authorized online sellers.



A product that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for 90 days from the day of reshipment to the BUYER. If the unit is delivered by mail, customers agree to insure the unit or assume the risk of loss or damage in transit. Under no circumstances will a unit be accepted without a return authorization number. The warranty is in lieu of all other warranties expressed or implied, including without limitations, any other implied warranty or fitness or merchantability for any particular purpose, all of which are expressly disclaimed. Proof of sale may be required in order to claim warranty.

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