

Amp Six

Modular Dual Channel Amplifiers

Basic Guidelines

The Amp 6.2 and 6.3 are dual channel power amplifiers. These amplifier uses Tripath's Class T technology, which combines the efficiency of digital with the sound quality of analog. The power amplifier is the engine of the audio system, supplying clean power to your speakers. This manual applies to both the Amp 6.2 and 6.3, as they differ only in size and output.

Using The Controls

① Power

Press this switch to turn the unit on or off. The red LED will light when the power is on.

② Volume

Turn this control clockwise to increase the volume level. Be careful not to set the volume so high as to cause distortion, which could damage the speakers.

③ Low Cut Control

This button may be used to filter out the lowest frequencies. This feature is useful when the speakers driven by the Amp Six are small and/or when your system has a powered subwoofer to reproduce the low bass signal.

④ Balance

Turn this knob clockwise or counterclockwise to change the proportion of the signal output to either channel. The 12:00 position indicates equal output to each channel.

⑤ Monitor Jack

This quarter-inch headphone jack allows you to monitor the signal being fed to the speakers.

⑥ Signal LED

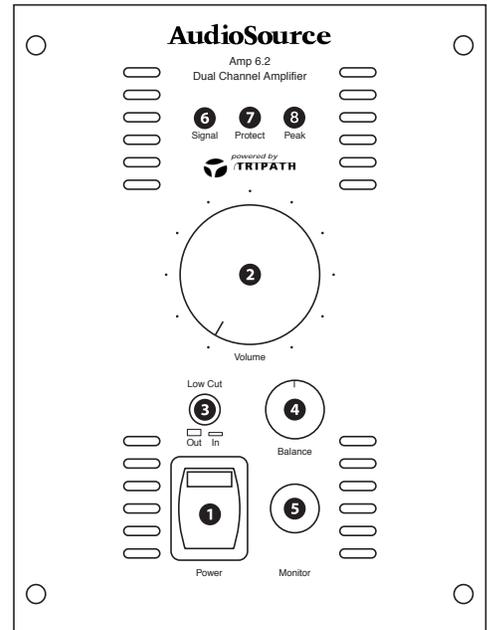
This light indicates that a signal is present at one of the inputs.

⑦ Protect LED

This light indicates the unit is overheated, or a shorted load or DC is detected in the amplifier output. When this is severe, the amp will shut off. Turn the power switch off and on to reset.

⑧ Peak LED

This light indicates when the unit is near clipping. Occasional blinking is normal, but if it remains lit for more than a few seconds at a time, either turn down the level control of the Amp Six or reduce the output level of the component feeding the Amp Six. This will avoid audible distortion.



Back Panel Controls

① Auto-On Switch

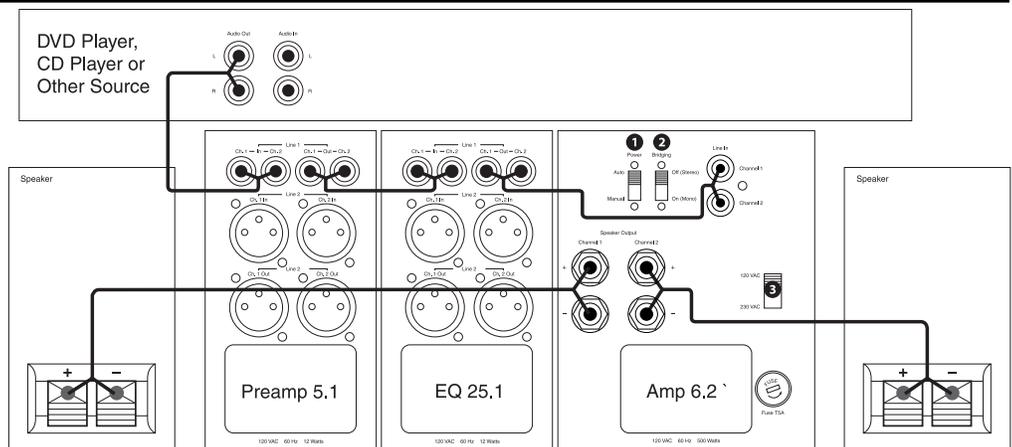
With this switch set to Auto and the front panel power switch on, the auto-on feature is engaged. The Amp Six will automatically turn on when it senses audio signal and will turn off after you have stopped using it. Setting this switch at Manual overrides the auto-on.

② Bridging Switch

Setting this switch at On (Mono) bridges the stereo channels. This reduces the Amp Six to a single, but more powerful, channel. When bridging, use only the Channel 2 input and the positive speaker outputs.

③ Voltage Selector Switch

The setting on this switch depends on the country in which you live. In general, North America is 115 VAC. Check the voltage in your country.



Hooking It Up

When connecting the Amp Six, turn off or unplug your components. This prevents loud "pops" that might damage your speakers while you connect the cables.

The diagram above shows the Amp 6.2 in conjunction with other components from AudioSource's modular separates line. The equalizer and preamplifier are optional. You also can substitute any amplifier and/or equalizer; the setup is the same.

1. Connect the source component (e.g. DVD player, CD player, cassette deck, microphone) to the preamplifier input.
2. If you are using a graphic equalizer, connect the two output channels of the preamplifier to the equalizer inputs. Connect the Channel 1 and 2 outputs from the equalizer to the Amp Six inputs. If you are not using a graphic equalizer, connect the preamplifier outputs to the Amp Six inputs.
3. Connect the Amp Six speaker outputs to the inputs on your speakers.

Safety Instructions



Warning: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

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.

Caution: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Attention: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock to persons. The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Read Instructions

All the safety and operating instructions should be read before the appliance is operated.

Retain Instructions

The safety and operating instructions should be adhered to.

Heed Warnings

All warnings on the appliance and in the operating instructions should be adhered to.

Follow Instructions

All operating and use instructions should be followed.

Water and Moisture

The appliance should not be used near water. For example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

Ventilation

The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in situation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

Heat

The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

Power Sources

The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

Grounding or Polarization

Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

Power Cord Protection

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed on or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

Cleaning

The unit should be cleaned only as recommended by the manufacturer.

Power Lines

An outdoor antenna should be located away from power lines.

Non-Use Periods

The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

Object and Liquid Entry

Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

Damage Requiring Service

The appliance should be serviced by qualified service personnel when: a) The power supply cord or the plug has been damaged; b) Objects have fallen, or liquid has been spilled into the appliance; c) The appliance has been exposed to rain; d) The appliance does not appear to operate normally or exhibits a marked change in performance; or e) The appliance has been dropped, or the enclosure damaged.

Servicing

The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

Product Servicing

In the event your Amp Six fails to operated properly, please contact the dealer where you purchased the unit. Or you may contact AudioSource directly for further assistance.

This manual provides detailed instructions for setting up your equipment. We also offer friendly, toll-free assistance.

1.800.HELP.115

Note: If any part of this product is damaged or missing, do not contact your AudioSource dealer. Please call us directly at 800-435-7115.

Amp Six Specifications

Power Output	Amp 6.2: 100 watts @ 8Ω
	150 watts @ 4Ω
	Amp 6.3: 150 watts @ 8Ω
	200 watts @ 4Ω
Total Harmonic Distortion (20 Hz to 20KHz)	<0.1%
Frequency Response	.20 Hz to 20K Hz, ±1 dB
Signal to Noise Ratio	.95 dB

Input Sensitivity	.1 volt
Input Impedance	XLR: 20K Ω; RCA: 10K Ω
Inputs	Line (RCA)
Outputs	Speaker (Binding Post)
Dimensions	Amp 6.2: 5.5" x 4.125" x 11.75"
	Amp 6.3: 5.5" x 5.5" x 11.75"

Design and specifications are subject to change without notice.

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