Congratulations on your new purchase and welcome to the AudioSource family of satisfied customers. We trust you will continue to enjoy the value and quality of your AudioSource AMP Two for many years to come. To ensure the best performance from your unit, please take a few moments to read this manual. Also, be sure to retain this document for future reference.

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.

Using the Controls

Power
This front panel button switches the AMP Two on or off. A multicolored LED indicates its power status. To use the Auto On feature, leave this front panel switch in the on position.

Speaker Selector
The AMP Two has two pairs of speaker outputs. Press button A to activate the A outputs. Press button B to activate the B outputs. Both A and B outputs may be used simultaneously, provided the combined impedance does not fall below 2 ohms.

Note: Before pressing either of the speaker selector buttons, be sure the AMP Two's level controls are set at the minimum position.

Phones
You can connect headphones to the AMP Two using a standard ¼" stereo phone jack. To deactivate the speakers while you listen through headphones, simply turn off the A and B speaker selector buttons.

Meter X0.1
This switch increases the sensitivity of the meters by a factor of ten, which is useful for monitoring the AMP Two’s output at low volume. In other words, the meters will display ten times the actual power output when this feature is active. A red LED in this switch indicates activation.

Peak Limiter
The peak limiter modulates high frequencies at high volume, protecting your speakers from damage or distortion. A red LED also indicates activation of this feature.
Using the Controls (cont.)

Power Meters
These meters indicate the output level of your AMP Two. When the AMP Two is powered up, the meters will be softly lit, indicating standby mode. Once the unit’s power supply is stabilized, its meters will brighten completely.

Input Level Controls
These knobs adjust the incoming signal level and thereby act as volume controls. We recommend that these be set to max and your signal source (receiver, CD player, preamplifier, etc.) be used to adjust the volume.

Manual/Auto Power Switch (Rear Panel)
In the Auto mode, the AMP Two will turn on automatically when an input signal is sensed. In the absence of an input signal, the AMP Two will shut down automatically. (In the Auto mode, the front panel power switch should always remain in the on position.) In the Manual mode, use the front panel power switch to activate the AMP Two.

Hooking up the Wires
Audio signals travel out of one component and into another. All of your connections should also go from out to in.

Line In
Connect the line out jacks from your signal source (receiver, CD player, preamplifier, etc.) to the line in jacks on the AMP Two.

Note: "Line In" and "CD In" jacks cannot be used simultaneously.

Line Out/Thru
For a system with multiple amplifiers, a stereo pair of Line Out/Thru jacks sends the original signal directly to these additional amplifiers.

Bridging Switch (refer to wiring diagram)
In addition to providing 80 watts RMS per channel in the stereo mode, your AMP Two can be used as a high power mono amplifier, providing over 200 watts RMS. This can be accomplished by sliding the bridging switch from the stereo position to the mono position. For mono applications, use only the right channel input. Similarly, use only the right channel input level control.

Note: Be sure to observe the correct speaker connections for bridged applications. Because of the high power output in this mode, we recommend initially setting the right level control at "min", and then adjusting the volume to the desired level.

Speaker Terminals
More than one pair of speakers can be used with the AMP Two. We have provided two pairs of speaker outputs, labeled Spkr A (left & right), and Spkr B (left & right). The speaker terminals are color coded. Red posts indicate positive (+) terminals and black posts indicate negative (-) terminals. Be sure to connect the positive output terminals of your AMP Two to the positive input terminals of your speakers and the negative output terminals of your AMP Two to the negative input terminals of your speakers.

Note: Refer to the wiring diagrams on the next page for proper connection of speaker cables.
Stereo Setup
In this configuration, the bridging switch is off for stereo operation. Connect the line out jacks from a stereo preamplifier to the line in jacks of your AMP Two. Next, connect your speakers to the terminals marked Spkr A (observing proper polarity: red for "+", and black for "-"). Connect a second pair of speakers to the terminals marked Spkr B. Select between the A and/or B speakers using the front panel speaker selector buttons.

Mono Setup
In this configuration, the bridging switch is on. Connect the line out from a preamplifier to the right line in of your AMP Two. Connect your mono speaker to the terminals of your AMP Two, following the example in the diagram opposite. Use the right level control on the front panel to adjust the volume.

AMP Two Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amplifier Power Output</td>
<td>80 watts per channel</td>
</tr>
<tr>
<td></td>
<td>200 watts monobridged</td>
</tr>
<tr>
<td>Total Harmonic Distortion</td>
<td>&lt;0.04%</td>
</tr>
<tr>
<td>Intermodulation Distortion</td>
<td>&lt;0.04%</td>
</tr>
<tr>
<td>Frequency Response</td>
<td>20 Hz to 20 kHz, ±0.5 dB</td>
</tr>
<tr>
<td>Signal to Noise Ratio</td>
<td>-110 dB</td>
</tr>
<tr>
<td>Input Sensitivity</td>
<td>0.8 V (line), 1.3 V (CD)</td>
</tr>
<tr>
<td>Input Impedance</td>
<td>30K Ω (line), 50K Ω (CD)</td>
</tr>
<tr>
<td>Headroom</td>
<td>2dB</td>
</tr>
<tr>
<td>Functions</td>
<td>Peak Limiting Circuitry</td>
</tr>
<tr>
<td></td>
<td>(defeatable)</td>
</tr>
<tr>
<td>Mono Bridging (rear panel)</td>
<td>Auto On (defeatable)</td>
</tr>
<tr>
<td>Inputs</td>
<td>.Line (RCA, CD) In</td>
</tr>
<tr>
<td>Outputs</td>
<td>.Line Out/Thru (RCA),</td>
</tr>
<tr>
<td></td>
<td>Speaker A (left, right),</td>
</tr>
<tr>
<td></td>
<td>Speaker B (left, right),</td>
</tr>
<tr>
<td></td>
<td>Headphone (¼&quot; stereo jack)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>16½&quot;W x 2½&quot;H x 11½&quot;D</td>
</tr>
<tr>
<td>Weight</td>
<td>14lbs., 5oz.</td>
</tr>
</tbody>
</table>

Design and specifications are subject to change without notice.

Enjoy your new purchase. This manual provides detailed diagrams and instructions for setting up your equipment. Our commitment to your satisfaction doesn’t end there. We also offer friendly, toll-free assistance.

1-800-HELP-115
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 appliance 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 that your AMP Two fails to operated properly, please contact the dealer where you purchased the unit. Or you may contact AudioSource directly for further assistance.