

Aragon 8008 Balanced Dual Mono Amplifier

Congratulations on your acquisition of the Aragon 8008 Balanced Dual Mono Amplifier. The 8008 Balanced is a state-of-the-art component. Years of dedicated research, extensive testing, and engineering refinement went into this Aragon exclusive.

Aragon components offer unparalleled flexibility and performance to the discriminating music lover. Your 8008 Balanced incorporates many advanced design and construction features into a superbly crafted amplifier.

We recommend playing your 8008 Balanced a minimum of 24 hours before performing any critical listening. We do understand that most of you will not wait that long. Therefore, please note that your 8008 Balanced will improve sonically over the course of the first week if the amplifier is left on. During this time, you will notice the sound from your 8008 Balanced will become *richer, warmer and more open*. After this first week of break-in the high current bias of the 8008 Balanced will allow the amplifier to reach its proper operating temperature within 20 minutes from turn on. From this point forward we strongly recommend that you turn the amplifier OFF when not listening to music.

UNPACKING YOUR NEW 8008 Balanced Dual Mono Amplifier

Your new 8008 Balanced Dual Mono Amplifier was diligently hand-crafted, thoroughly tested and carefully packed at our factory in California, USA. In the unlikely event that your 8008 Balanced is damaged during shipment, be sure to save the carton as evidence for the freight carriers' inspection and call your authorized dealer immediately. We strongly recommend that you always save the box and packing materials should you have to transport your 8008 Balanced for any reason. This is a particularly good idea if you wish to take full advantage of any future upgrades or options.

CAUTION:

Never ship your 8008 Balanced Dual Mono Amplifier without the original packing.

CONTENTS OF THIS CARTON:

This carton contains: your new 8008 Balanced Dual Mono Amplifier, a UL approved power cord, a Warranty Registration/Survey card, and of course, this Owner's Manual. Please follow the instructions contained in this manual in order to derive the maximum performance, flexibility and enjoyment from your 8008 Balanced Dual Mono Amplifier.

Be sure to complete and return your factory registration card immediately. This will entitle you to our extended warranty as outlined on the warranty card.

CONTROLS AND FUNCTIONS

This section will help you to become familiar with each of the controls and functions found on your 8008 Balanced Dual Mono Amplifier. Take a few moments to read the information presented in this section in order to facilitate your understanding of the control options available.

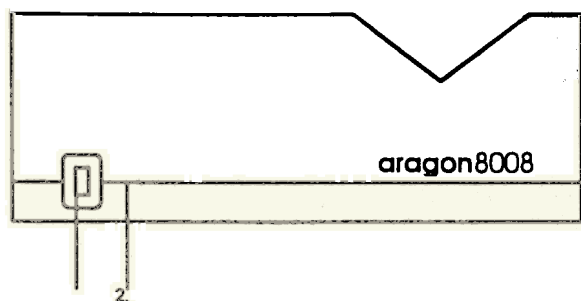


FIGURE 1 FRONT PANEL CONTROLS

1. POWER ON/OFF

This rocker switch turns the A/C power ON (press top) or OFF (press bottom.)

2. POWER INDICATOR

This light will be on whenever the 8008 Balanced is in the on position.

3. RIGHT BALANCED INPUT

This is the input for the right channel when using an XLR balanced source.

4. RIGHT SINGLE ENDED INPUT

This is the input for the right channel when using an RCA single ended channel source.

5. RIGHT SPEAKER OUTPUT "+"

These are the "+" outputs for the right channel speaker.

6. RIGHT SPEAKER OUTPUT "-"

These are the "-" outputs for the right channel speaker.

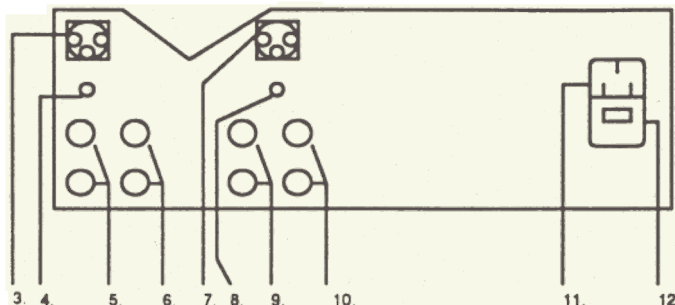


FIGURE 2 REAR PANEL CONNECTIONS

7. LEFT BALANCED INPUT

This is the input for the left channel when using an XLR balanced source.

8. LEFT SINGLE ENDED INPUT

This is the input for the left channel when using an RCA single ended channel source.

9. LEFT SPEAKER OUTPUT "+"

These are the "+" outputs for the left channel speaker.

10. LEFT SPEAKER OUTPUT "-"

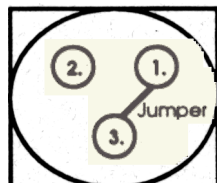
These are the "-" outputs for the left channel speaker.

11. A/C POWER CONNECTOR

This 3 prong connector is for the A/C power input.

12. LINE FUSE HOLDER

This is the A/C fuse protection holder. Use 12 amp slo blow.



1. Ground

2. Positive Signal

3. Negative Signal

FIGURE 3 INPUT SELECTION JUMPER

SYSTEM SETUP

This section provides you with the setup procedures to easily connect the 8008 Balanced Amplifier to your system.

General Precautions

- Never allow the speaker cable termination's to touch at either the back of the amplifier or the speaker terminals. *Always turn off the 8008 Balanced when connecting or moving your loudspeakers.*
- Your 8008 Balanced is designed to be free standing, placed on an audio rack or stacked with other components.
- Always be sure to provide enough space (at least 1½ inches) at the top and the rear of the 8008 Balanced to allow sufficient air flow through the ventilation slots. Failure to do this will cause severe damage to the unit.
- Never place your 8008 Balanced directly on carpet. Always place on a hard flat surface to allow for proper ventilation.

SETUP WITH AN AUDIO SYSTEM

1. PREPARATION

Before hooking up your 8008 Balanced you must decide if you will use the single ended or balanced inputs, either may be used with similar performance. Your 8008 Balanced was shipped to you with a jumper between pins 1 and 3 on both of the XLR connectors. To use the amplifier in single ended (RCA Inputs) mode, leave the jumper in place on both XLR connectors. To use the amplifier in balanced (XLR inputs) mode, remove the jumper on both XLR connectors. For proper set up refer to figure 3 on the previous page of this manual.

Please note that the following instructions refer to connection for the left and right channels in a stereo system. In a home theatre system a single 8008 Balanced may be used for any two channels of the system. The same procedures apply.

2. INPUT CONNECTION

Using appropriate cables (RCA or XLR), connect your variable output source (preamp, D/A converter, surround sound processor, etc.) to the corresponding left and right channel inputs on the back of your 8008 Balanced. Consult your authorized Aragon dealer for his or her recommendations on cables, speaker wire and bi-wiring.

3. OUTPUT CONNECTION

Before connecting your 8008 Balanced to the loudspeakers make sure that the power is off. Your amplifier is equipped with dual five-way binding posts. These are very convenient when bi-wiring your speakers. Either set of posts may be used when not bi-wiring. Using appropriate speaker cable (14 GA minimum in short runs and 12 GA in long runs over 25 ft.) connect the left channel "-" output from the 8008 Balanced to the "-" input of the left speaker. Connect the left channel "+" output from the 8008 Balanced to the "+" input of the left speaker. Repeat this procedure for the right speaker connections. *It is very important to make sure "+" is to "+" and "-" is to "-".*

4. POWER CONNECTION

Plug the A/C power cord into the back of your 8008 Balanced and then into your A/C wall outlet.

SPECIFICATIONS

8008 Balanced Dual Mono Amplifier

Power Output:

8 ohms	200 watts per channel continuous power both channels driven 5Hz - 20KHz at less than 0.04% THD
4 ohms	400 watts per channel continuous power both channels driven 5Hz - 20KHz

Input Impedance:

Single Ended	22K ohms
Balanced	44K ohms

Input Sensitivity:

1 Watt Output	120 mV
Full Output	1.68 V

Signal To Noise:

A Weighted	>110 dB
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Damping Factor:

>500

Slew Rate:

>120 V/ μ S

Voltage Gain:

28 dB

Phase Inversion:

No

Weight:

75 lbs.

Size:

19 W x 14 5/8 D x 6 5/8 H

TROUBLESHOOTING

Simple Solutions to Simple Problems

NO SOUND

- Check A/C Power connection on back of 8008 Balanced and A/C receptacle.
- Check line fuse on back panel (replace only with same value fuse.)
- Check all power connections.
- Verify connection of inputs and outputs.
- An internal fuse needs replacement if there is no sound out of one channel and the front

panel light is on. Your authorized Aragon dealer can replace this.
Do not attempt to do this yourself!

MONDIAL DESIGNS LIMITED

20 Livingstone Avenue, Dobbs Ferry, NY 10522 • (914) 693-8008 • Fax (914) 693-7199