

# POWER AMPLIFIERS

2002 • 2005 • 2007

ARAGON  
P.O. BOX 688  
HOPE, AR 71802

Place  
FIRST CLASS  
Postage  
Stamp Here

Make sure to return your warranty card or register your amplifier online at [www.aragonelectronics.com](http://www.aragonelectronics.com) so that we may keep you up-to-date on new Aragon products and promotions. As always, if you have any questions, contact your local authorized Aragon dealer.

For your records:

- ☐ Aragon 2002 Power Amplifier
- ☐ Aragon 2005 Power Amplifier
- ☐ Aragon 2007 Power Amplifier

\_\_\_\_\_  
Date Purchased

\_\_\_\_\_  
Serial #

**ARAGON®**

A KLIPSCH AUDIO TECHNOLOGIES BRAND

3502 WOODVIEW TRACE, SUITE 200

INDIANAPOLIS, IN 46268-1104

[WWW.ARAGONELECTRONICS.COM](http://WWW.ARAGONELECTRONICS.COM)

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# ARAGON

LUCASFILM  
THX  
ULTRA<sub>2</sub>

## 2000 SERIES

POWER AMPLIFIERS

FROM THE MINDS OF **MONDIAL**



## IMPORTANT SAFETY INSTRUCTIONS



**CAUTION:**  
**RISK OF ELECTRIC SHOCK!**  
**DO NOT OPEN!**



**CAUTION!** To reduce the risk of electric shock and fire, do not remove the cover or back plate of the device enclosure. There are no user serviceable parts inside. Refer servicing to an Aragon authorized service center.



**CAUTION!** The international symbol of a lightning bolt inside a triangle is intended to alert the user to uninsulated "dangerous voltage" within the device enclosure. The international symbol of an exclamation point inside a triangle is intended to alert the user to the presence of important operating, maintenance and servicing information in the manual accompanying the device.



**WARNING!** To reduce the risk of fire or electrical shock, do not expose this equipment to rain or moisture.

1. **Read Instructions** – All safety and operating instructions should be read before operating the device.
2. **Retain Instructions** – The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** – All warnings on the device and in the operating instructions should be adhered to.
4. **Follow instructions** – All operating and safety instructions should be followed.
5. **Attachments** – Do not use attachments not recommended by the product manufacturer as they may cause hazards.
6. **Water and Moisture** – Do not use this product near water (for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like).
7. **Ventilation** – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
8. **Heat** – This product should be situated away from heat sources such as radiators, heat registers, stoves, or other products that produce heat.
9. **Power Sources** – This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult with your product dealer or the local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
10. **Grounding** – This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.
11. **Power Cord Protection** – Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.
12. **Overloading** – Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electrical shock.
13. **Lightning and Periods of Non-Use** – For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and powerline surges.
14. **Cleaning** – Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
15. **Object and Liquid Entry** – Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
16. **Damage Requiring Service** – Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - a) When the power supply cord or plug is damaged,
  - b) If liquid has been spilled, or objects have fallen into the product,
  - c) If the product has been exposed to rain or water,
  - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and often will require extensive work by a qualified technician to restore the product to its normal operation,
  - e) If the product has been dropped or damaged in any way, and
  - f) When the product exhibits a distinct change in performance – this indicates a need for service.
17. **Replacement Parts** – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock, or other hazards.
18. **Safety Check** – Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
19. **Servicing** – Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

If this unit is purchased outside of the U.S., please contact your local dealer or distributor for service center information. If purchased inside the U.S. and dealer service is not available, contact Aragon Customer Service for a return authorization (RA) number before shipping. For further service information, contact:

ARAGON CUSTOMER SERVICE  
1-866-781-7284  
137 COUNTY RD 278  
HOPE, AR USA 71801

## UNPACKING

WE WANT YOUR NEW AMPLIFIER TO LOOK AS GOOD AS IT DID LEAVING THE FACTORY. PLEASE CHECK PROMPTLY FOR TRANSIT DAMAGE.

Carefully unpack your new amplifier. In extreme circumstances, items may have become damaged in transit. If any damage is discovered, notify the delivery service and/or dealer where the system was purchased. Make a request for inspection, and follow the instructions for evaluation. Be sure to keep the product with its original shipping carton and save your packing material to aid in future transportation.

## ABOUT THX®

### THX® and THX Ultra2™

THX is an exclusive set of standards and technologies established by the world-renowned film production company, Lucasfilm Ltd. THX grew from George Lucas' personal desire to make your experience of the film soundtrack, in both movie theaters and in your home theater, as faithful as possible to the master recording. Before any home theater component can be THX Ultra2 certified, it must pass a rigorous series of quality and performance tests. Only then can a product feature the THX Ultra2 logo, which is your guarantee that the Home Theater products you purchase will give you superb performance for many years to come.

### Home THX Amplifiers

With today's superior quality, but exceptionally complex audio systems, it is important to ensure that noise, distortion and frequency response errors are negligible in all links in the audio chain. With modern discrete multichannel sources it is especially important that maximum power is instantly available without instability, rise in distortion or other undesirable side effects. THX Ultra2 requirements cover every performance aspect of this product including operation, output power levels, gain, frequency response and numerous other parameters. Whether you choose music or movies, multichannel or stereo, this amplifier will be supremely flexible, easy to use, sonically transparent and absolutely reliable.

## CONTROLS AND FUNCTIONS

### Power Switch

This rocker switch turns the AC power ON (depressed top) and OFF (depressed bottom).

### Power Indicator

This LED will illuminate when the 2000 series amplifier is powered ON.

### RCA Input Jack

Gold-plated RCA input jacks are provided for each channel to connect to the output jack of the corresponding preamplifier channel.

### Five-way Binding Post Speaker Output

Five way binding posts are provided for each channel to connect to the corresponding loudspeaker. The red connection corresponds to the positive (+) input of the loudspeaker, and the black connection corresponds to the negative (-) input of the loudspeaker.

### Dimmer Switch

The three-position switch controls the intensity of the blue cascade panel illumination. FULL brightness is all the way to the right; OFF is in the center; and DIM is all the way to the left. The power switch must be ON for illumination.

### A/C Power Connection

This three-prong receptacle is the A/C power connection, utilizing a standard IEC connector.

### A/C Fuse Holder

This contains the primary A/C fuse. Replace only with the same value and rating as specified on the back of the amp.

## SYSTEM SETUP

### 1. Input Connections

With the amplifier turned off, connect shielded RCA cables between the preamplifier outputs and the corresponding amplifier inputs. Due to the internal architecture of the amplifier, it is important that you follow the naming conventions on the rear panel. (For example, for proper operation, the "Left Surround" and "Right Surround" outputs of the preamplifier should be connected to "Surround Left" and "Surround Right" inputs of the amplifier.)

### 2. Output Connections

With the amplifier turned off, connect speaker wire between the amplifier's speaker output terminal and the loudspeaker's corresponding input terminal. The red connector refers to the positive (+) speaker connection, and the black connector refers to the negative (-) speaker connection. For proper operation, be sure to connect the loudspeaker to the correct amp output.

**NOTE:** Use only insulated speaker wire of an appropriate gauge for all connections making sure that no bare wires touch each other. Use of uninsulated wiring, or conditions where bare wires are touching could result in an electrical short leading to possible risk of electrical shock, equipment failure or the risk of fire.

### 3. Power Connection

Plug the A/C power cord into the back of your 2000 series amplifier, and then into the A/C wall outlet.

## TROUBLESHOOTING

### No Sound

1. Ensure the A/C power cord is fully seated.
2. With the amplifier unplugged, check that the A/C fuse is not blown.
3. Check all power connections.
4. Verify proper connection of inputs and outputs.
5. Check for shorted positive (+) and negative (-) connections.
6. If the preamplifier is working properly, the power light is on, and there is still no output from one or more channels, the likelihood is that there is a blown internal fuse. Contact the dealer from whom you purchased the amplifier, as they should be able to check and change the fuse for you. Do not attempt to change this fuse yourself. Unauthorized repairs will void your warranty.

### Amplifier Hum

The 2000 Series amplifiers utilize a large toroidal transformer, so some physical hum can be expected. A hum that is heard when you step away from the amplifier could be considered unusual, but does not necessarily indicate a problem with the amplifier. Contact your dealer if you have any concerns about amplifier hum. Hooking the amplifier up at the dealer's store and comparing it with the floor model is a good way to verify whether or not what you are experiencing is normal.

1. Plug the amplifier into different outlets (different circuits) in the house to see if it exhibits the same hum.

2. Check for the presence of halogen or other low voltage, or fluorescent lighting connected to the same circuit. These devices can release noise on the AC line that may cause the transformer to resonate, resulting in hum.
3. An intermittent physical hum can generally be attributed to an external source connected to the same AC power.

### Loudspeaker Hum

In most systems, it is normal to hear some quiet noise when your ear is placed close to the loudspeaker. It is not normal to hear a loud hum when you step away; this is usually an indication of a ground loop. If you suspect your system is exhibiting a ground loop, contact your dealer for recommendations. Follow the steps below to help determine the source of loudspeaker hum:

1. Power the system down and wait a minute or two for the power supply to drain. Remove the preamp connections from the amplifier and power the amp back up. If there is no noise, the problem is not with the amplifier, but may be system-related.
2. Again power down the amplifier. Reconnect the preamplifier and disconnect ALL audio and video sources. Power up the preamp and amp. If the hum returns, it is either coming from the preamplifier, or is the result of a ground loop between the preamp and amplifier. Ensure that both pieces are plugged into the same A/C outlet. All your audio and video equipment should be connected to the same circuit, to make sure that they utilize the same ground.
3. With the system powered down, connect each source component one by one, and power the system back up. Source components such as a satellite receiver, cable box, tuner, or other device connected to an antenna outside the house can cause a ground loop between the audio system's ground and the ground for the external connection. Your Aragon dealer can offer suggestions for eliminating a ground loop. The Mondial Designs Magic Box may also solve this problem: It is available at [www.mondialdesigns.com](http://www.mondialdesigns.com)

## WARRANTY

### U.S. and Canada

The Warranty below is valid only for sales to consumers in the United States or Canada.

The manufacturer warrants this ARAGON product to be free from defects in materials and workmanship (subject to the terms set forth below) for a period of two (2) years from the date of purchase. During the Warranty period, the manufacturer will repair or replace (at the manufacturer's option) this product or any defective parts.

To obtain technical support and/or warranty service, you may either: (a) call ARAGON at 1-866-781-7284 (toll free) or (b) contact the ARAGON authorized dealer from which you purchased this product. If you choose to call ARAGON directly we strongly suggest that you choose the technical support option as the majority of customer problems can be solved over the phone. If technical support is unable to solve the problem, they will advise as to whether the preferred route to obtain warranty service is to return the product to the

ARAGON authorized dealer from which you purchased the product or to return the product directly to the manufacturer, freight paid, for repair. If returning the product you will need to ship this product in either its original packaging or packaging affording an equal degree of protection.

Proof of purchase in the form of a bill of sale or receipted invoice, which is evidence that this product is within the Warranty period, must be presented or included to obtain Warranty service.

This Warranty is invalid if (a) the factory-applied serial number has been altered or removed from this product or (b) this product was not purchased from an ARAGON authorized dealer. You may call 1-866-781-7284 (choose the ARAGON customer service option) to confirm that you have an unaltered serial number and/or you purchased from a ARAGON authorized dealer.

This Warranty is only valid for the original purchaser and will automatically terminate prior to expiration if this product is sold or otherwise transferred to another party.

This Warranty does not cover cosmetic damage or damage due to misuse, abuse, negligence, acts of God, accident, commercial use or modification of, or to any part of, the product. This Warranty does not cover damage due to improper operation, maintenance or installation, or attempted repair by anyone other than the manufacturer or an ARAGON dealer which is authorized to do ARAGON warranty work. Any unauthorized repairs will void this Warranty. This Warranty does not cover product sold AS IS or WITH ALL FAULTS.

REPAIRS OR REPLACEMENTS AS PROVIDED UNDER THIS WARRANTY ARE THE EXCLUSIVE REMEDY OF THE CONSUMER. THE MANUFACTURER SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY LAW, THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS AND IMPLIED WARRANTIES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PRACTICAL PURPOSE.

Some states do not allow the exclusion or limitation of incidental or consequential damages or implied warranties so the above exclusions may not apply to you. This Warranty gives you specific legal rights, and you may have other rights, which vary from state to state.

### Outside the U.S. and Canada

The warranty on this product if it is sold to a consumer outside of the United States or Canada shall comply with applicable law and shall be the sole responsibility of the distributor that supplied this product. To obtain any applicable warranty service, please contact the dealer from which you purchased this product, or the distributor that supplied this product.



2002

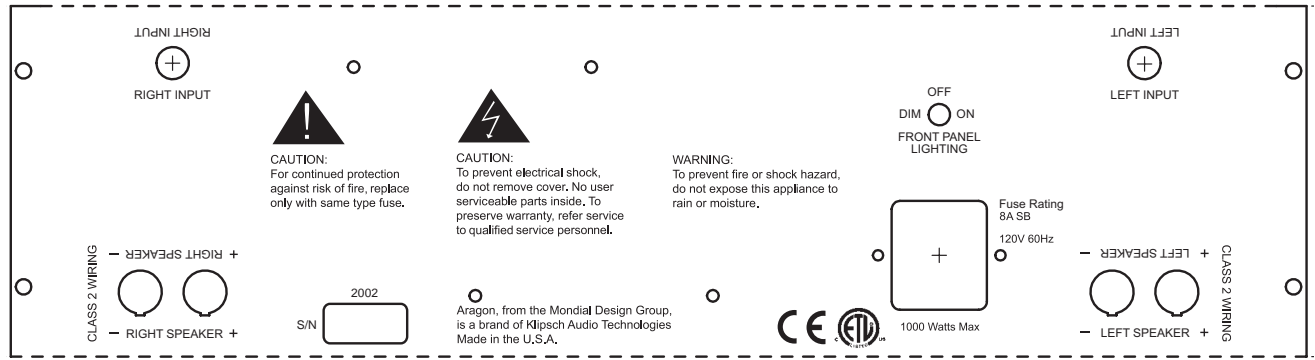


2005

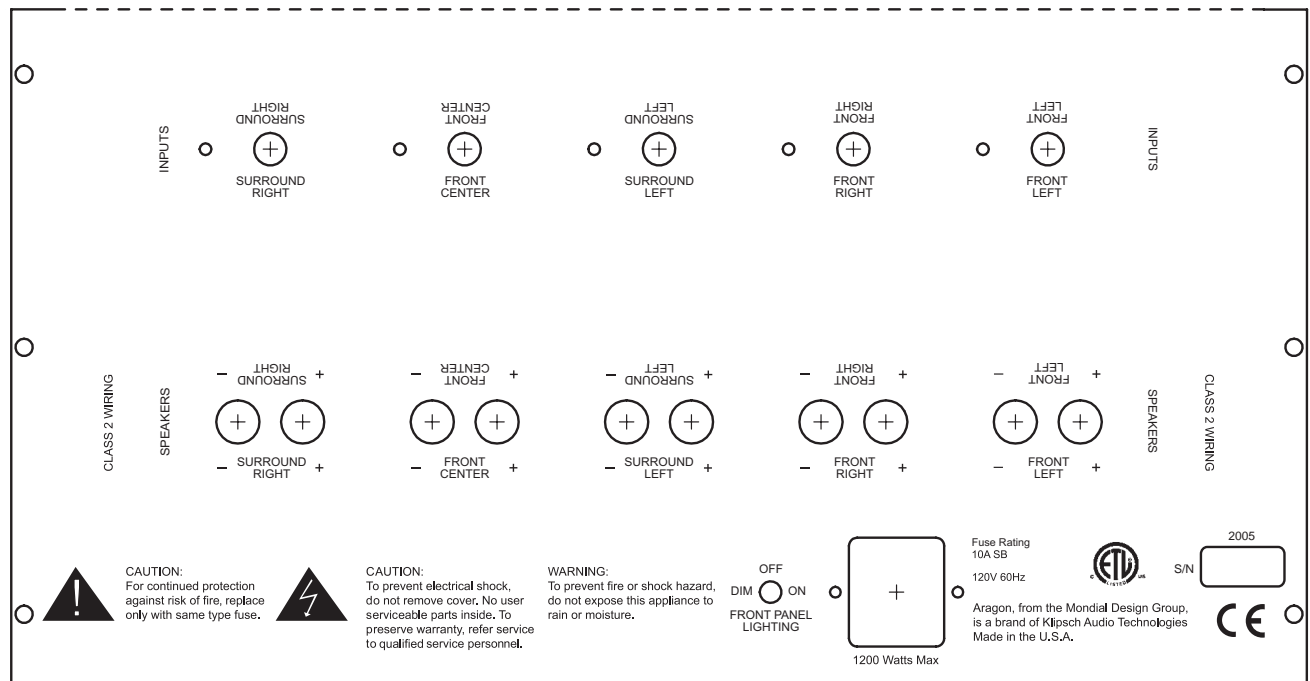


2007

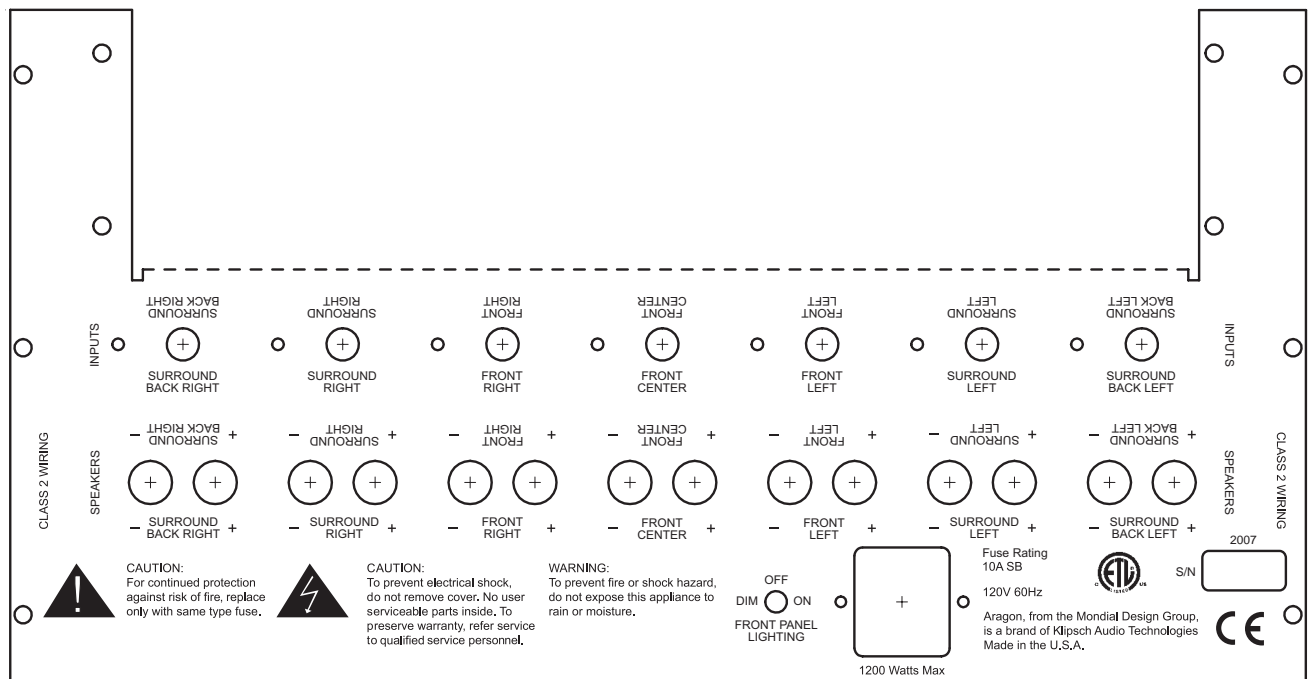
## 2002 back panel



## 2005 back panel



## 2007 back panel



## CUT ALONG DOTTED LINE AND MAIL

REGISTER ONLINE AT [WWW.ARAGONELECTRONICS.COM](http://WWW.ARAGONELECTRONICS.COM)!*For multiple purchases, please fill out only one warranty card.*

Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Home Phone: \_\_\_\_\_

Work Phone: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Would you like to receive the latest product updates and news via e-mail? ☐ Yes ☐ NoModel: ☐ Aragon 2002 ☐ Aragon 2005 ☐ Aragon 2007

Where did you purchase your Aragon products from?

Store name \_\_\_\_\_ State \_\_\_\_\_

How did you hear about Aragon?

☐ Audio/Home Theater Magazine ☐ Other Magazine ☐ Radio☐ Newspaper ☐ Television ☐ Trade Show ☐ Friend ☐ Retail Dealer ☐ Direct MailHave you purchased Aragon products before? ☐ Yes ☐ No

If yes, what products?

Product Name(s): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What is your favorite type of music?

☐ Classical ☐ Jazz ☐ Soft Rock/Pop ☐ Hard Rock ☐ Country☐ R&B/Soul ☐ Alternative ☐ Blues

Please tell us about you!

☐ Married ☐ Single ☐ Male ☐ FemaleAge: ☐ Under 15 ☐ 15-17 ☐ 18-24 ☐ 25-35 ☐ 36-45 ☐ 46-55 ☐ 55-64 ☐ 65+

Annual Household Income:

☐ Under \$25,000 ☐ \$25-35,000 ☐ \$35-50,000 ☐ \$50-75,000 ☐ \$75-100,000 ☐ \$100,000+