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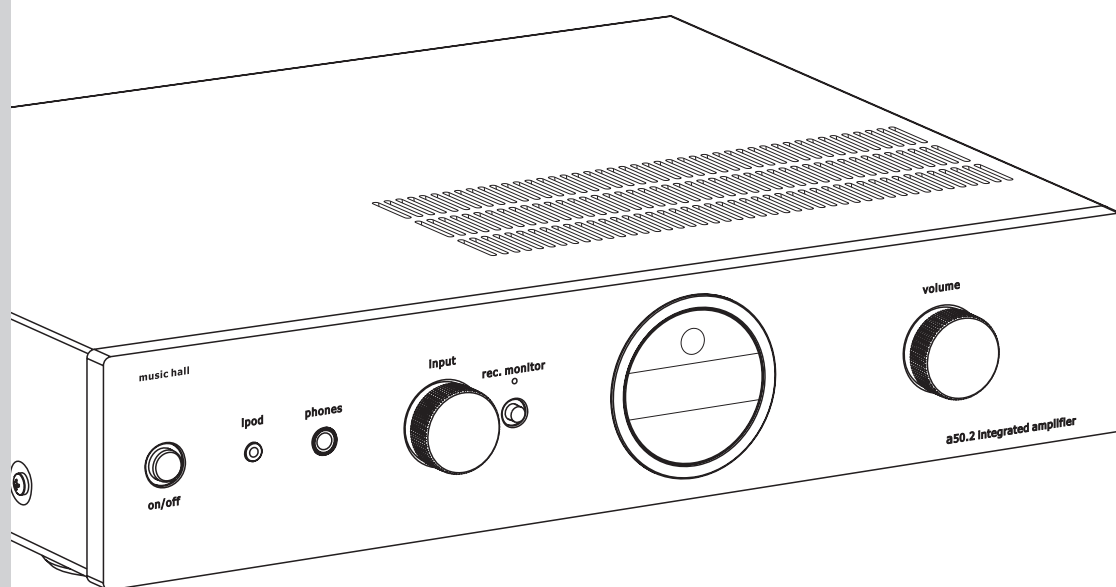
W: <http://www.musichallaudio.com>

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# a50.2

## integrated amplifier

user manual



**music hall**

<http://www.musichallaudio.com>

## Congratulations On Your Purchase

You have selected a state-of-the-art integrated amplifier. Each component chosen for assembly in the construction of the music hall a50.2 was selected to provide you with superior performance and the highest level of sound reproduction available today. We know of no integrated amplifier that costs as much to produce that sells for so little. Please take a few moments to read over the instruction manual to ensure that you get the best performance from your unit and years of trouble-free service.

## SAFETY GUIDELINES

This product is designed and manufactured to strict quality and safety standards. However, you should be aware of the following installation and operation precautions:

### 1. Take heed of warnings and instructions

Read all the instructions before connecting or operating the unit.

Keep this manual so you can refer to these safety instructions. Heed all warnings and safety information in these instructions and on the unit.

### 2. Water and Moisture

To reduce the risk of fire or electric shock, do not expose the unit to moisture or water. If the unit is exposed to moisture, immediately disconnect the power cord from the wall. Take the unit to an authorized music hall service center for inspection. Do not touch the unit, power cord, or plug with wet hands.

### 3. Object or liquid entry

Do not allow foreign objects or liquids into the unit. If this happens, immediately disconnect the power cord from the wall and take the unit to an authorized music hall service center for inspection.

### 4. Ventilation

You must allow 2 inches (5 cm.) of unobstructed clearance around the unit. Do not place the unit on a bed, sofa, rug, or similar surface that could block ventilation from the bottom. Do not stack another component on top of the amplifier. If the component is placed in a bookcase or cabinet, it must be ventilated to allow proper cooling.

## 5. Heat

Keep the unit away from naked flames, radiators, heat registers, stoves, or any other heat-producing appliances (including amplifiers).

## 6. Climate

The unit has been designed for use in moderate climates. Do not attempt to use below 41 degrees Fahrenheit (5 degrees Celsius) or above 95 degrees Fahrenheit (35 degrees Celsius).

## 7. Rack and Stands

Place the unit on a fixed, level surface strong enough to support its weight. Do not place it on a moveable cart that could tip over. We recommend only using stands approved for use with audio equipment.

## 8. Cleaning

Unplug the unit from the mains supply before cleaning. The case should normally require only a wipe with a soft lint-free cloth.

## 9. Power Sources

Only connect the unit to a power supply of the type and voltage described in the operating instructions or specified on the rear panel of the unit.

## 10. Power cord protection

Connect the unit to the power outlet only with the cord supplied. Do not modify the supplied cable in any way. Do not attempt to defeat grounding and/or polarization provisions. Do not use extension cords. Do not route the power cord where it will be crushed, pinched, bent at severe angles, exposed to heat, or damaged in any way.

## 11. Non-use periods

If the unit is to be left unused for a long period of time, the power cord should be unplugged from the wall outlet.

## 12. Damage Requiring Service

Stop using the unit immediately and have it inspected by an authorized music hall service center whenever:

1. The power supply cord or plug has been damaged.
2. Liquid has been spilled into the unit.
3. The unit has been exposed to rain.
4. The unit does not operate properly.
5. The unit has been dropped or damaged.
6. Smoke or any unusual smell is detected from the unit.

**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**



Indicates that the user of this unit must understand important operation and maintenance instructions.



Indicates high-voltage power inside the unit, which will cause electric shock.

## Getting Started

Thank you for purchasing the music hall a50.2. The a50.2 is a classic two-channel integrated amplifier designed for the music lover. We chose a select group of technologically advanced components to create this powerful 90 watt/channel integrated amplifier. When used in a top-end audio system, your music hall integrated amplifier will provide years of enjoyment. The a50.2 is the perfect complement to music hall's cd25.2 compact disc player.

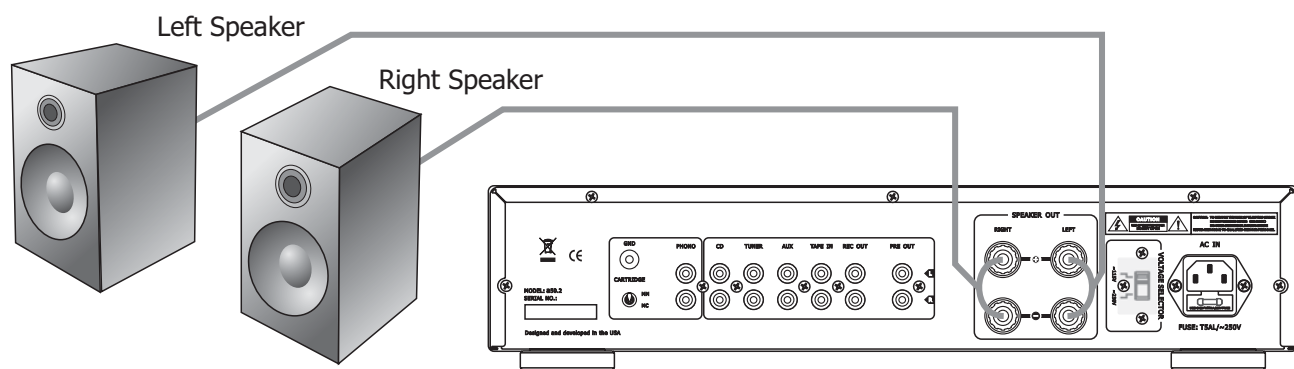
## A Few Precautions

Please read this manual carefully. In addition to installation and operating instructions, it provides valuable information that will help you get optimum performance from your system. Please contact your authorized music hall dealer for answers to your questions. In addition, all of us at music hall welcome your questions and comments. Save the shipping carton and all enclosed packing material for future use. Shipping or moving the unit in anything other than the original packing material may result in severe damage that is not covered by the warranty. Be sure to keep the original sales receipt. It is your best record of the date of purchase, which you will need in the event warranty service is required.

## Placement

Use common sense when placing the a50.2. Always place it on a firm, level surface. Make sure that the shelf or cabinet can support the weight. Ensure that there is adequate ventilation around all sides of the unit. Avoid placing the a50.2 where it may be subject to excessive heat, such as near a heat register. Do not place anything on top of it. For best performance, avoid placing the a50.2 where it may be subject to vibration, such as near a speaker.

## Connecting Source Components to the a50.2



The a50.2 has 4 analog inputs, one tape loop, and one phono input.

Connect your source components to the appropriate inputs on back of the a50.2. Pay careful attention to match the right (red) and left (black) outputs from your source components to the right (red) and left (black) inputs on the a50.2. Connect to the ipod input on the front using a 3.5mm stereo mini-plug.

When connecting a turntable to the phono input, connect the RCA's as described above. Connect the turntable's ground wire to the ground screw (GND) and move the cartridge switch to the correct position; MM for moving-magnet cartridges or MC for moving-coil. If unsure of the correct cartridge setting consult the literature accompanying your cartridge or your dealer. The cartridge switch sets the correct loading and level of amplification for the cartridge. **Do not flip the cartridge switch with the a50.2 powered on.**

## Pre Out

This output is always active and can be used to connect the a50.2 to a subwoofer or additional power amplifier. Simply connect this output to the input on your subwoofer or amplifier.

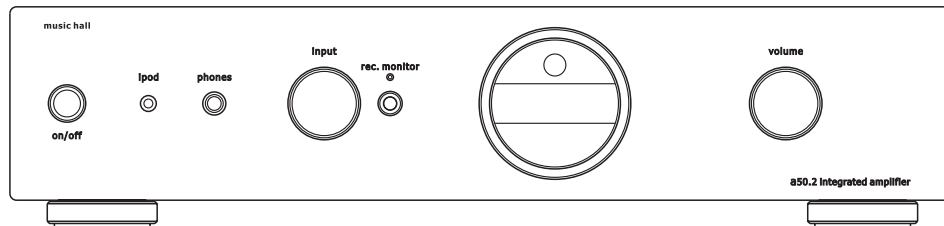
## Speaker Outputs

To avoid damage to the a50.2, make sure it is **NOT** plugged into an AC outlet while connecting up or disconnecting speaker wire to the speaker outputs. The a50.2 has one pair of speaker outputs on the back labeled SPEAKER OUT; RIGHT and LEFT. Using a suitable speaker wire, connect the right speaker to the RIGHT SPEAKER OUT and the left speaker to the LEFT SPEAKER OUT. Pay careful attention to match the positive (red) and negative (black) terminals on your speakers to the positive (red) and negative (black) terminals on back of the a50.2.

## Connecting to the Mains - Plugging In

Check that the Power Switch on front of the a50.2 is in the **off** position. Push the plug (IEC line socket) of the power cable supplied with the a50.2 into the socket (AC IN) on back of the unit. Make sure it is pressed in firmly. Plug the other end of the power cable into an AC wall outlet.

## Using the a50.2



### power - on/off

Push this button on the front of the a50.2 to turn the unit **on**. When the a50.2 is **on** the display will show the input that is currently selected and the volume level. Pushing it again will switch the a50.2 **off**.

### ipod

Use this input for an iPod, mp3 player, or any device with a mini-plug output.

### phones

Use this input for headphones. When headphones are in use the speaker output is automatically muted.

### input knob

Turn the input knob to the right or left to select the desired input.

### rec. monitor

Push this button to monitor your tape deck or to listen to the source plugged into the tape input.

### volume

Turn the volume knob to the right to adjust the volume up. Turn the knob toward the left to decrease volume. The volume control has 80 different settings from MIN (00) to MAX (80).





## Technical Specification

### Amplifier

Maximal power output (no distortion):	90W/8 $\Omega$
Minimal impedance:	2 $\Omega$
S/N:	$\geq 101\text{dB}$
Frequency Response:	10Hz - 60KHz $\pm 0.5\text{dB}$
Distortion (THD+N):	$< 0.002$ (1KHz)
Input Sensitivity:	230mV CD-IN/47K
Crosstalk Attenuation:	73dB/1KHz
Phones Output Level:	280mW/47 $\Omega$
Rec. Output Level:	100mV/600 $\Omega$
Phono MM:	1KHz/5mV
Phono-MC:	1KHz/0.5mV
Power Consumption:	$< 300\text{W}$
Power supply:	AC115V/50Hz-60Hz/200W

### Physical

Dimensions:	W17" x D14.5" x H3.94"
Weight:	22.7 lbs. pkgd.
Supplied Accessories:	Mains Lead, Remote Control, 2 x AAA Batteries

USA - This product complies with FCC requirements.

## Guarantee

This entitles you to have the music hall a50.2 repaired or replaced, at our discretion, free of charge for one year after purchase, at any authorized music hall dealer, provided the unit was purchased from an authorized dealer. Your original sales receipt is used as proof of purchase date. Music hall can take no responsibility for defects arising from accident, misuse, abuse, wear and tear, neglect or through unauthorized repair and or adjustment. Neither can music hall accept responsibility for damage or loss occurring during transit to or from the person claiming under the guarantee.

## Warranty

Your music hall a50.2 warranty covers parts and labor costs for one year from the purchase date. After one year, you must pay for both parts and labor costs. The warranty does not cover transportation costs at any time.

## Claims under guarantee

The unit should be packed in the original packing and returned to the dealer from whom it was purchased, or to an authorized music hall service center. It should be sent by a reputable carrier, carriage prepaid. Do not send the unit via USPS (United States Postal Service). No responsibility can be accepted for the unit while in transit to the dealer, customer, or authorized service agent, therefore, customers are advised to insure the unit against loss, damage, or theft while in transit.