

music hall

maven

stereo receiver with upsampling and video switching

Congratulations On Your Purchase

You have selected a state-of-the-art stereo receiver. Each component chosen for assembly in the construction of the music hall maven was selected to provide you with superior performance and the highest level of sound reproduction available today. We know of no stereo receiver 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.

Getting Started

Thank you for purchasing the music hall maven. The maven is a classic two-channel stereo receiver designed for the music lover. We chose a select group of technologically advanced components to create this powerful 100-watt/channel receiver with 24-bit/96kHz upsampling and video switching. music hall's maven is the perfect complement to the maverick Super Audio CD player.

Features:

- 1.** 24-bit/96kHz upsampling
- 2.** Crystal CS8420 sample rate converter w/Burr-Brown PCM1738 DAC. Processes all standard digital audio signal rates from 32kHz to 96kHz.
- 3.** Digitally-controlled analogue audio volume control IC by Texas Instruments, PGA 2311
- 4.** 100 watt/channel amplifier
- 5.** A, B, A+B speaker switching
- 6.** AM/FM Tuner with 99 presets
- 7.** Pre-amp out/Subwoofer connection
- 8.** Two digital inputs: 1 optical/1 coaxial
- 9.** 5 analog inputs; 3 with S or Composite video capability
- 10.** 5-way insulated gold speaker binding posts
- 11.** Sleep Timer
- 12.** High quality gold input jacks
- 13.** Full remote-control operation
- 14.** Detachable power cord

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.

Unbox the maven, accessories bag, and power cord. Save the packing and box.

Placement

Use common sense when placing the maven. Always place it on a firm, level surface. Make sure that the shelf or cabinet can support the weight. Insure that there is adequate ventilation around all sides of the unit. Avoid placing the

maven 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 maven where it may be subject to vibration, such as near a speaker.

Connecting Source Components to the maven

The maven has 5 analog inputs: 3 with S or Composite video capability and 2 digital inputs on the back. Use the digital inputs for sources that have digital outputs of 32kHz to 96kHz only. The digital inputs are automatically upsampled to 24-bit/96kHz. Never connect the digital output of a source component to an analog input on the maven. If you're using a music hall maverick, connect it to the Line 1 analog input.

Connect your source components to the appropriate inputs on back of the maven. 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 maven. Special note: there is no need to connect the analog outputs of source components that are plugged into a digital input on the maven. A full stereo signal is carried through the digital connecting wire.

Video connection:

3 video inputs are available. They are labeled Video2, Video 3, and Video 4. The Video signal of these inputs is partnered with the matching analog inputs Line 2, Line 3, Line 4. Selecting input Line 2, Line 3, or Line 4 automatically selects the like numbered video connection. To use the maven as a video switcher simply connect your video sources to your desired video input numbered 2-4. Next connect the video output from the maven to the video input on your TV/monitor. The video output is located under the Line 5 analog input. It is labeled, "OUT." Connect the video output to the correct input on your TV/monitor. The video of your chosen source component will be displayed with the corresponding the audio.

Pre Amp Out/Subwoofer Out

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

Speaker Outputs

The maven has two sets of speaker outputs labeled Speaker Left Channel (A and B) and Speaker Right Channel (A and B) on the back. Connect the right speaker to the Right Speaker Output A and the left speaker to the Left Speaker Output A. Match the positive (red) and negative (black) terminals on your speakers to the positive (red) and negative (black) terminals on back of the maven. If you plan to use an additional set of loudspeakers, connect them to the Speaker B outputs.

You can choose to play Speakers A, Speakers B, or Speakers A+B with the remote control.

Connecting to the Mains - Plugging In

Check that the Power Switch on back of the maven is in the 'OFF' position. Push the plug (IEC line socket) of the power cable supplied with the maven into the socket (POWER INPUT) on back of the unit. Make sure it is pressed in firmly. Put the plug on the other end of the cable into your wall outlet.

Using the maven

POWER

The Power Switch is located on back of the maven. Use it to turn the power 'ON/OFF.' When first connecting the unit, make sure this button is in the 'OFF' position. Once all of your components and speakers have been properly connected, push the power switch to the 'ON' position. A blue light will illuminate on the front panel indicating that the maven is in 'STANDBY' mode.

on/off

Push this button on the front of the maven to turn the unit 'ON.' When the maven is 'ON' the display will show the input that is currently selected and the volume level. Pushing it again will switch the maven back into 'STANDBY' mode. It is not necessary to turn the maven 'ON/OFF' using the power switch on the back. We recommend you use the 'STANDBY' switch to turn the maven 'ON' when you wish to listen and switching it into 'STANDBY' when not listening.

am/fm

Pushing this button allows you to choose between AM, FM AUTO (FM STEREO), and FM MONO. The button toggles between these settings. Press it successive times to access the various settings.

auto

The **auto** button allows you to choose between AUTO (automatic) and MANUAL tuning. In the AUTO tuning mode, the tuner will automatically tune to the next station up (turn the input knob right) or down (turn the input knob left) from the station currently tuned. In the AUTO tuning mode, you need only turn the input knob slightly to the left or right and the tuner will automatically tune to the next station.

*You must first press the **auto** button and select your tuning preference (AUTO or MANUAL) to activate the tuning mode of the input knob. If you don't press the **auto** button first, the input knob will remain in input selection mode. After pressing the **auto** button, you will notice AM or FM flashing in the display and

you have 9 seconds to begin tuning. If tuning does not begin within 9 seconds the AM or FM will stop flashing and input knob defaults to input selection mode.

input knob

Turn the input selection knob to the right or left to change the input. The digital inputs: 'coaxial' and 'optical' will flash unless properly connected to a digital source. The flash simply notifies you that nothing is connected to the input. Not connecting to the digital inputs will not harm the unit. The video inputs follow their respective Line inputs, 2-4. The input knob also doubles as the tuning knob. To activate the tuning mode of the knob press the **auto** button first.

volume knob

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 96 different settings from MIN (0) to MAX (96).

Using The Remote Control

Note: Install the two AAA batteries, if they haven't been factory installed. To install/change the batteries; use the supplied Torx driver to loosen the two Torx screws on the end of the remote control and install/change the batteries. Replace the battery cover and tighten the Torx screws.

Do not place anything in front of the display area of the unit, or the remote control may not work. The remote controls both the maven and the maverick. The buttons are dual function. The slider switch at the top allows you to switch control between the two products. Check to see that the slider is towards the AMP (maven) side. The black labels describe the buttons. The green labels reflect use of the remote control with the PLAYER (maverick). The following button descriptions are for the maven only. For information on using the remote control with the maverick, refer to the maverick owner's manual.

AMP/PLAYER

Allows you to switch between AMP (maven) control buttons and PLAYER (maverick) control buttons.

POWER I/Ψ

Turns the maven 'on' or returns it to 'standby' mode.

24bit/96kHz

Allows you to turn upsampling 'on' or 'off' while using the digital inputs. Upsampling is on when the blue light is illuminated in the center display.

TUNER/BAND

Pressing it once switches the maven to the TUNER input. Pressing it successively toggles between the FM AUTO, FM MONO, and the AM tuner sections.

L

Balance Left. Use this button to adjust the balance towards the left.

R

Balance Right. Use this button to adjust the balance towards the right.

Line 1-5

Use these buttons to select the desired input. Lines 2-4 switch video as well as audio.

COAXIAL

Selects the COAXIAL digital input.

OPTICAL

Selects the OPTICAL digital input.

DIM

Use this button to adjust the brightness of the display. There are three different settings. Press the 'DIM' button successive times to advance through the various settings.

Buttons numbered 1-0

Used to direct access station presets. Simply enter the number of the station preset you'd like to hear and the tuner will jump to the selected preset.

—·—

Allows you to tune a specific station. Press the button, then using the numbered buttons enter the station's exact frequency. For example: after pushing the button enter 1,0,1,3. To direct access station 101.3 MHz.

MEMO

Use this button to set radio station presets. Press the button once; the preset location begins to flash in the display. Use the numbered buttons to enter your chosen preset for the tuned station. Press MEMO again and the preset is remembered and displayed. 99 total presets can be set for AM/FM stations.

A

Use this button to turn on Speakers A.

A+B

This button turns on Speakers A and B.

B

Turns on Speakers B.

- TUNING +

Allows you to tune down or up the radio dial.

AUTO/M

Allows you to choose AUTO or MANUAL tuning.

- PRESET +

Use to move down or up through your preset stations.

SLEEP

Allows you to set sleep timer. The range is from 10 – 90 minutes. Pressing the button successively adds 10 minutes to the sleep time.

MUTE

Mutes the amp's output. The display will read 'MUTING' when the control is active. Press the button again and muting is turned off.

VOL+ /VOL-

Pushing 'VOL+' increases the volume. Pushing 'VOL-' decreases the volume. Holding the button increases or decreases the volume rapidly.

Technical Specifications**Digital to Analog Conversion**

PCM Upsampling: Crystal CS8420 24bit/96kHz w/ Burr-Brown PCM 1738
Processes all standard digital audio signal rates from 32kHz to 96kHz.

Amplifier

Maximal power output (no distortion): 2x100W/8Ω

Minimal impedance: 2Ω

S/N: ≥101dB

Frequency response: 5Hz~100KHz ±1dB

Distortion (THD+N): 0.05%

Power supply: AC115V/50Hz-60Hz/600W 5W of standby.

Physical

Dimensions: W17" x D16¹/₂" x H5" (430 x 280 x 85 mm)

Weight: 43 lbs. Packaged (19.5 Kg)

Digital Input Connections: 75-ohm coaxial/toslink, optical
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 mambo 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 mambo 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 mambo 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 whilst in transit to the dealer, customer, or authorized service agent, therefore, customers are advised to insure the unit against loss, damage, or theft whilst in transit.

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