Audiolab 6000A

Audiolab 6000A Stereo Integrated Amplifier User Manual

Model: 6000A

INTRODUCTION

Thank you for purchasing the Audiolab 6000A Stereo Integrated Amplifier. This manual provides essential information for setting up, operating, and maintaining your amplifier to ensure optimal performance and longevity. The Audiolab 6000A is a versatile 100-watt integrated amplifier with built-in Bluetooth connectivity and an ESS 9018K2M DAC, offering a high-quality audio experience.

SAFETY INFORMATION

- **Power Supply:** Ensure the amplifier is connected to a power supply that matches the voltage specified on the unit.
- **Ventilation:** Do not block ventilation openings. Allow adequate space around the unit for proper airflow to prevent overheating.
- **Moisture:** Keep the unit away from water, moisture, and high humidity.
- **Cleaning:** Disconnect from power before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Servicing:** Refer all servicing to qualified service personnel. Do not attempt to open or repair the unit yourself.
- **Placement:** Place the unit on a stable, level surface. Avoid placing it near heat sources or in direct sunlight.

WHAT'S IN THE BOX

Upon unpacking, please verify that all items listed below are present:

- Audiolab 6000A 100-watt Stereo Integrated Amp/Bluetooth DAC - Silver
- Power Cable
- User Manual (this document)

PRODUCT OVERVIEW

Front Panel

Figure 1: Front view of the Audiolab 6000A integrated amplifier, showing the display, control knobs for selection, mode, and volume, and power button.

1. **SEL (Selection) Knob:** Used to navigate menus and select inputs.

2. **MODE Knob:** Used to switch between different operating modes.

3. **Display Screen:** Shows current input, volume level, and operational status.

4. **VOL (Volume) Knob:** Adjusts the output volume.

5. **Headphone Output:** 6.35mm jack for connecting headphones.

6. **IR Receiver:** For remote control signals.

7. **Power Button:** Turns the unit on/off or puts it into standby.

Rear Panel

Figure 2: Rear view of the Audiolab 6000A integrated amplifier, showing various input and output terminals, power inlet, and antenna.

1. **Power Inlet & Fuse:** Connects to AC power. Includes a fuse holder.

2. **Power Switch:** Main power toggle.

3. **Speaker Outputs:** Binding posts for connecting left and right speakers.

4. **Digital Inputs (Optical/Coaxial):** For connecting digital audio sources.

5. **USB Input:** For firmware updates (not for audio playback).

6. **Bluetooth Antenna:** For wireless Bluetooth connectivity.

7. **Analog Inputs (AUX1, AUX2, AUX3):** RCA inputs for analog audio sources.

8. **Phono Input:** Dedicated RCA input for turntables (MM).

9. **Pre-Out:** RCA outputs for connecting to an external power amplifier.

SETUP

1. Placement

Place the Audiolab 6000A on a flat, stable surface, ensuring adequate ventilation around the unit. Avoid direct sunlight, heat sources, and areas with high humidity.

2. Connecting Speakers

Connect your passive speakers to the speaker output terminals on the rear panel. Ensure correct polarity (+ to + and - to -) for both left and right channels. Use high-quality speaker cables for optimal sound.

3. Connecting Audio Sources

- **Analog Sources:** Connect CD players, tuners, or other analog devices to the AUX1, AUX2, or AUX3 RCA inputs.
- **Turntable:** Connect a turntable with a Moving Magnet (MM) cartridge to the PHONO input.
- **Digital Sources:** Connect digital audio sources like TVs, game consoles, or media streamers to the OPT1, OPT2 (Optical) or COAX1, COAX2 (Coaxial) inputs.

4. Power Connection

Once all audio connections are made, connect the supplied power cable to the AC inlet on the rear panel and then to a suitable wall outlet. Ensure the main power switch on the rear panel is in the OFF position before connecting.

OPERATING

1. Powering On/Off

First, ensure the main power switch on the rear panel is in the ON position. Then, press the front panel Power button to turn the unit on or put it into standby mode.

2. Input Selection

Rotate the **SEL** knob on the front panel to cycle through available input sources (e.g., AUX1, OPT1, Bluetooth, Phono). The selected input will be displayed on the screen.

3. Volume Control

Rotate the **VOL** knob clockwise to increase volume and counter-clockwise to decrease volume. The current volume level will be shown on the display.

4. Operating Modes

The Audiolab 6000A features three distinct operating modes, selectable via the **MODE** knob:

- **Integrated Mode:** Standard amplifier operation, where the pre-amplifier and power amplifier sections work together.
- **Pre-Power Mode:** The pre-amplifier section is bypassed, allowing the 6000A to function purely as a power amplifier. Useful when connecting an external pre-amplifier.
- **Pre-Amplifier Mode:** The power amplifier section is bypassed, allowing the 6000A to function purely as a pre-amplifier. Useful when connecting an external power amplifier via the Pre-Out terminals.

5. Bluetooth Pairing

To pair a Bluetooth device:

1. Select the Bluetooth input using the **SEL** knob.
2. The display will show "PAIRING" or similar, indicating it's ready to connect.
3. On your mobile device, enable Bluetooth and search for "Audiolab 6000A".

4. Select the amplifier from the list to complete pairing. Once connected, the display will confirm.

6. DAC Functionality

The Audiolab 6000A incorporates an ESS 9018K2M DAC, allowing for high-resolution digital audio playback. Connect your digital sources (e.g., CD transport, network streamer) to the optical or coaxial digital inputs to utilize the internal DAC.

MAINTENANCE

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the exterior of the amplifier. Do not use abrasive cleaners, waxes, or solvents.
- **Ventilation:** Periodically check that the ventilation slots are clear of dust and debris.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store it in a cool, dry place.

TROUBLESHOOTING

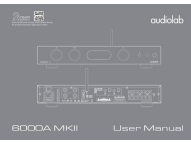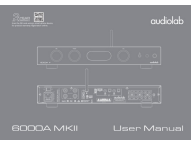| Problem	Possible Cause	Solution
No power	Power cable not connected; Rear power switch off; Blown fuse	Check power cable connection; Ensure rear power switch is ON; Replace fuse (refer to safety info)
No sound	Incorrect input selected; Speaker cables loose/incorrectly connected; Volume too low; Mute engaged	Select correct input; Check speaker connections and polarity; Increase volume; Check if mute is active
Bluetooth not pairing	Amplifier not in pairing mode; Device too far; Interference	Ensure Bluetooth input is selected; Move device closer; Reduce interference from other wireless devices
Distorted sound	Source signal too high; Speaker impedance mismatch; Damaged cables	Reduce source volume; Ensure speakers match amplifier impedance; Check/replace cables

SPECIFICATIONS

- **Model:** Audiolab 6000A
- **Output Power:** 50W x 2 into 8 Ohms
- **DAC:** ESS 9018K2M
- **Connectivity:** Bluetooth enabled
- **Operating Modes:** Integrated, Pre-Power, Pre-Amplifier
- **Product Dimensions:** 13 x 17.5 x 3.15 inches
- **Weight:** 21.6 Pounds
- **Voltage:** 100 Volts
- **Minimum Supply Voltage:** 15 Volts (DC)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Audiolab website. Keep your proof of purchase for any warranty claims.

Manructurer: Audiolab

Related Documents - 6000A

	[Audiolab 6000A MKII Integrated Amplifier User Manual](#) Comprehensive user manual for the Audiolab 6000A MKII integrated amplifier, detailing its features, connections, operation, safety guidelines, specifications, and warranty information.
	[Audiolab 6000A MKII Integrated Amplifier User Manual](#) Comprehensive user manual for the Audiolab 6000A MKII integrated amplifier, covering safety information, setup, operation, connections, specifications, and warranty details.
	[Audiolab 6000A Play Integrated Amplifier User Manual](#) Discover the Audiolab 6000A Play, a high-fidelity integrated amplifier featuring DTS Play-Fi wireless streaming. This manual guides users through setup, connections, system operations, and advanced features for an optimal audio experience.
	[Audiolab 6000A Integrated Amplifier User Manual and Instructions](#) Comprehensive guide for the Audiolab 6000A integrated amplifier. Learn about setup, connections, operation, safety, warranty, and detailed specifications. Includes diagrams and feature explanations.
	[Audiolab M-ONE User Manual: Integrated Amplifier Guide](#) Comprehensive user manual for the Audiolab M-ONE Bluetooth Integrated Amplifier, covering setup, operation, connections, safety, specifications, and warranty information.
	[Audiolab 8300A Integrated Amplifier User Manual and Specifications](#) Comprehensive user instructions, safety information, connections guide, operation details, specifications, and warranty information for the Audiolab 8300A integrated amplifier.