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Audiolab 7000A

Audiolab 7000A Integrated Amplifier User Manual

Model: 7000A

1. INTRODUCTION

Thank you for purchasing the Audiolab 7000A Integrated Amplifier. This manual provides essential information for the safe and optimal operation of your device. Please read it thoroughly before use and retain it for future reference.

The Audiolab 7000A is designed to deliver high-fidelity audio performance, combining a powerful Class AB amplifier with versatile digital and analog connectivity, including a high-quality DAC and phono stage.



Figure 1: Front view of the Audiolab 7000A Integrated Amplifier. The unit is black with three rotary knobs for selection, mode, and volume, and a central display screen. A headphone jack and power button are also visible on the right.

2. SAFETY INFORMATION

Please observe the following safety precautions to ensure safe operation and to prevent damage to the unit:

- **Power Source:** Connect the unit only to an AC power source of the correct voltage as indicated on the rear panel.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings. Maintain a minimum clearance of 10cm around the unit.
- **Water and Moisture:** Do not expose the unit to rain, moisture, or excessive humidity. Do not place objects filled with liquids, such as vases, on the unit.
- **Heat:** Avoid placing the unit near heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- **Cleaning:** Clean only with a dry cloth. Do not use liquid or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Cables:** Protect power cords from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

3. SETUP

3.1 Unpacking

Carefully unpack the amplifier. Retain all packaging materials for future transport or servicing needs. Ensure all accessories, including the remote control and power cable, are present.

3.2 Placement

Place the Audiolab 7000A on a stable, level surface away from direct sunlight, heat sources, and excessive dust. Ensure there is sufficient space around the unit for proper ventilation.



Figure 2: The Audiolab 7000A amplifier (top unit) shown stacked with other Audiolab audio components on a media cabinet, illustrating typical placement in a home audio setup.

3.3 Connections

Refer to Figure 3 for an overview of the rear panel connections.



Figure 3: Rear panel of the Audiolab 7000A, showing various input and output terminals including power inlet, speaker terminals, analog RCA inputs, digital coaxial and optical inputs, HDMI ARC, USB-B, and a Bluetooth antenna.

3.3.1 Speaker Connections

Connect your loudspeakers to the speaker terminals on the rear panel. Ensure correct polarity (+ to + and – to –) for each speaker. The 7000A delivers 70W per channel into 8 ohms.

3.3.2 Analog Inputs

Connect analog source components (e.g., CD players, tuners) to the RCA inputs labeled AUX1, AUX2, or AUX3. For turntables with a Moving Magnet (MM) cartridge, use the PHONO input. Ensure your turntable is equipped with an MM cartridge for this input.

3.3.3 Digital Inputs

The 7000A features multiple digital inputs:

- **Coaxial (COAX1, COAX2):** For digital audio sources with coaxial output.
- **Optical (OPT1, OPT2):** For digital audio sources with optical output.
- **HDMI ARC:** Connect to your TV's HDMI ARC port for audio playback from the television.
- **USB-B (PC USB):** Connect to a computer for high-resolution audio playback. The 7000A integrates an ESS ES9038Q2M DAC for optimal digital audio processing.

3.3.4 Bluetooth Connectivity

The 7000A includes a Bluetooth aptX receiver for wireless audio streaming from compatible devices. Ensure the Bluetooth antenna is securely attached to the rear panel.

3.4 Power Connection

Once all audio connections are made, connect the supplied power cable to the AC IN socket on the rear panel and then to a suitable mains power outlet.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

To power on the unit, press the power button on the front panel or the remote control. To power off, press the power button again. For complete power disconnection, use the main power switch on the rear panel.

4.2 Input Selection

Rotate the 'SEL' (Select) knob on the front panel or use the input selection buttons on the remote control to choose your

desired audio source (e.g., CD, PC USB, Phono, Bluetooth).

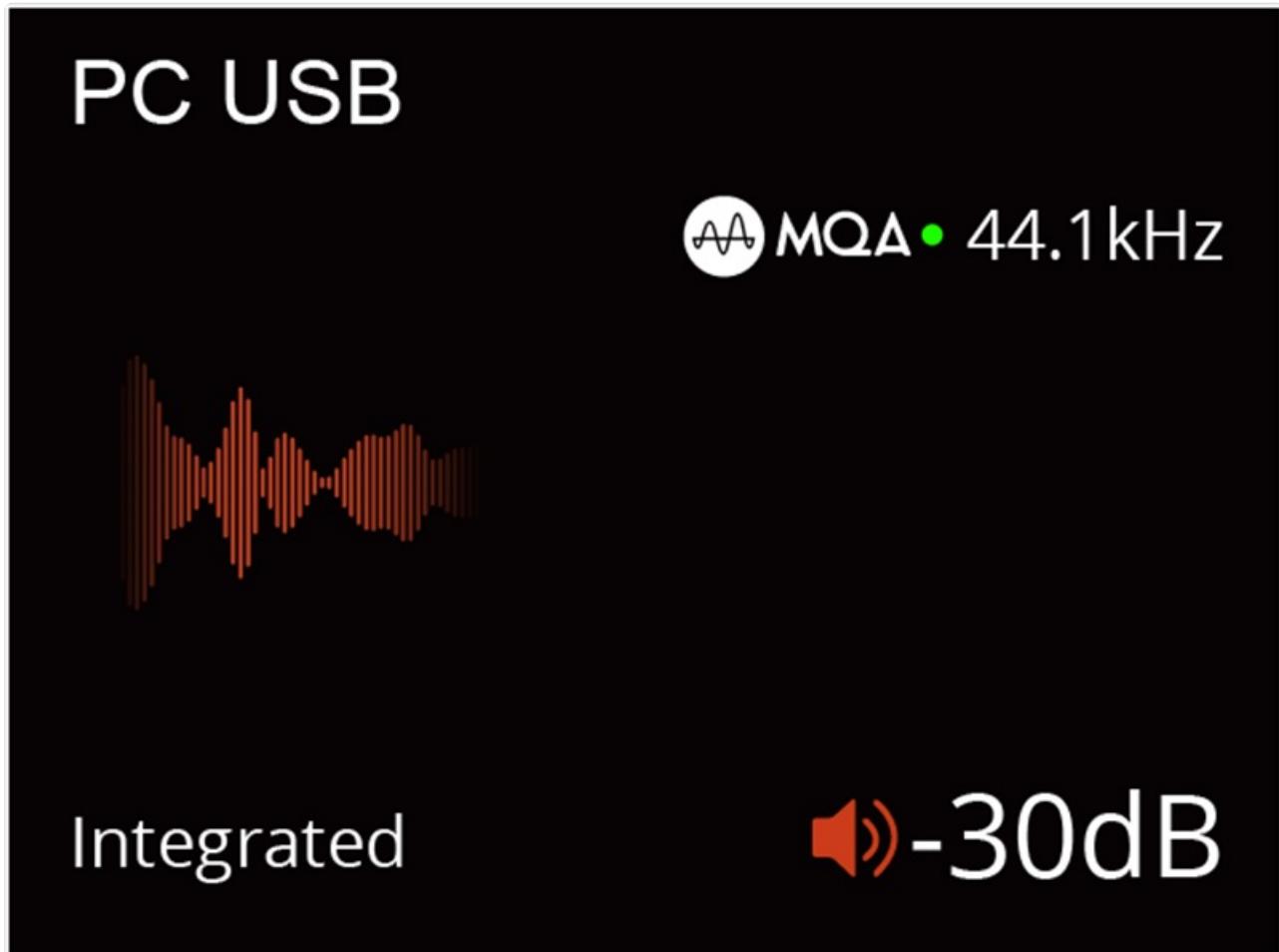


Figure 4: The amplifier's display screen showing "PC USB" as the selected input, along with "MQA" and "44.1kHz" indicators, and the current volume level of -30dB.

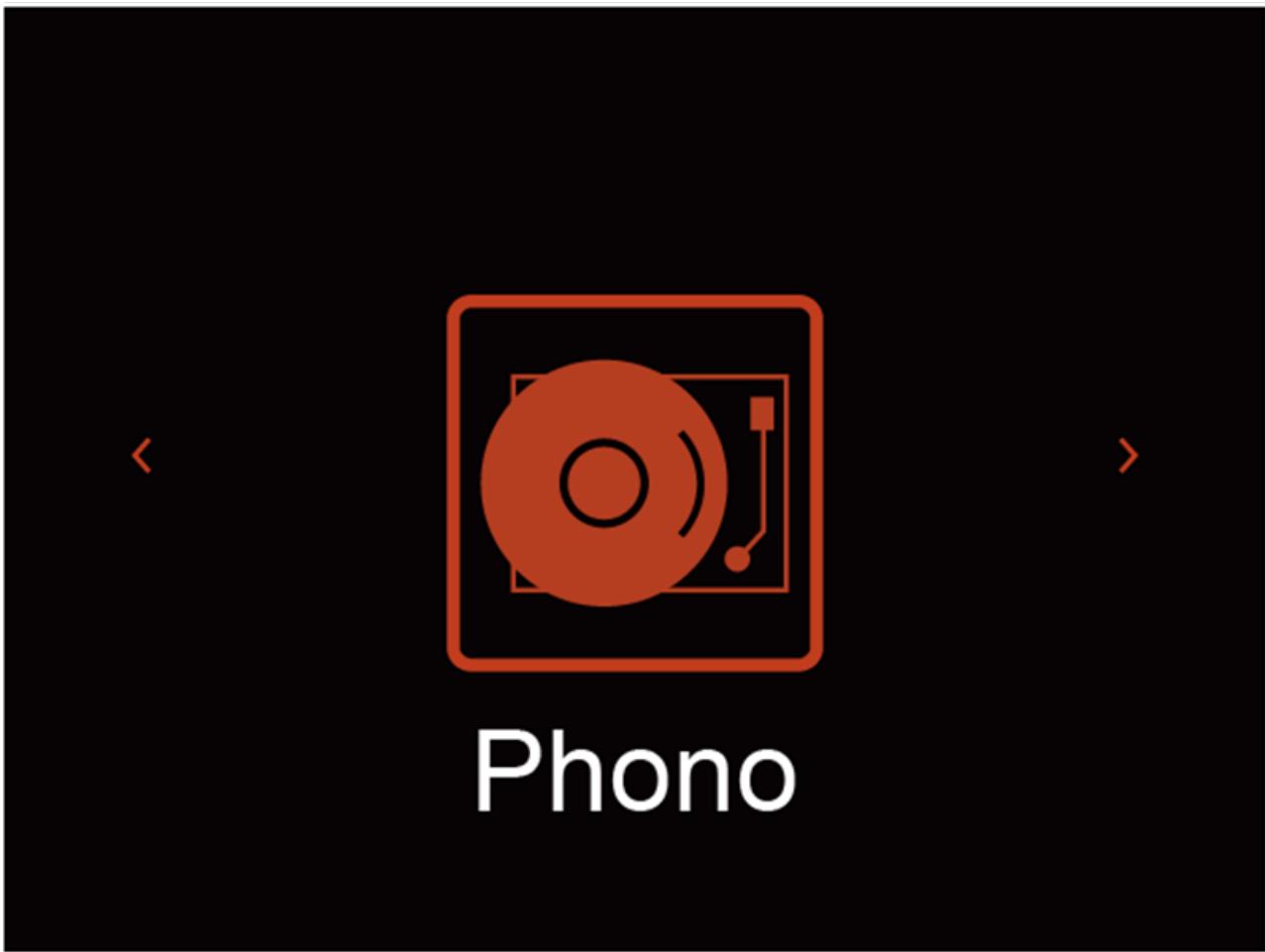


Figure 5: The amplifier's display screen showing "Phono" as the selected input, represented by a turntable icon.

4.3 Volume Control

Adjust the volume using the 'VOL' (Volume) knob on the front panel or the volume buttons on the remote control. The current volume level will be displayed on the screen.

4.4 Bluetooth Pairing

To pair a Bluetooth device:

1. Select the Bluetooth input on the 7000A.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select "Audiolab 7000A" from the list to pair.
4. Once paired, audio from your device will stream to the amplifier.

4.5 Headphone Output

Connect headphones to the 6.35mm (1/4 inch) headphone jack on the front panel. Connecting headphones will mute the main speaker outputs.

5. MAINTENANCE

5.1 Cleaning

To clean the unit, use a soft, dry, lint-free cloth. Do not use abrasive cleaners, waxes, or solvents as they may damage the finish. Ensure the unit is powered off and disconnected from the mains before cleaning.

5.2 Firmware Updates

Audiolab may release firmware updates to improve performance or add features. Updates can typically be performed via the USB 'UPDATE' port on the rear panel. Refer to the Audiolab website for the latest firmware and instructions.

6. TROUBLESHOOTING

If you experience issues with your Audiolab 7000A, please consult the following table before contacting support.

Problem	Possible Cause	Solution
No power	Power cable not connected; Rear power switch off; Mains outlet faulty.	Check power cable connection; Ensure rear power switch is ON; Test mains outlet with another device.
No sound from speakers	Incorrect input selected; Speaker cables disconnected; Volume too low; Headphones connected.	Select correct input; Check speaker cable connections; Increase volume; Disconnect headphones.
Distorted sound	Input signal too high; Speaker impedance mismatch; Faulty cables.	Reduce source volume; Ensure speakers are compatible (8 ohms recommended); Check/replace cables.
Remote control not working	Batteries depleted; Obstruction between remote and unit; Remote sensor blocked.	Replace batteries; Remove obstructions; Ensure remote sensor on unit is clear.
HDMI ARC audio issues	HDMI ARC/CEC settings on TV incorrect; Intermittent connection.	Verify TV's HDMI ARC/CEC settings; Try power cycling the 7000A (turn off/on from rear switch) if audio stops after source switching.
Bluetooth pairing failure	Device not in pairing mode; Amplifier not in Bluetooth input; Interference.	Ensure both devices are in pairing mode; Select Bluetooth input on 7000A; Move devices closer.
VU meter display issues	Potential firmware anomaly.	Ensure latest firmware is installed. If issue persists, contact Audiolab customer support.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	13.39 x 17.48 x 3.07 inches
Weight	23.57 Pounds
Item Model Number	7000A
Manufacturer	Audiolab
Speaker Maximum Output Power	70 Watts per channel (into 8 ohms)
Frequency Response	20 Hz - 20 kHz (typical)
Connectivity Technology	Bluetooth, HDMI ARC, Coaxial, Optical, USB-B, RCA Analog
Audio Output Mode	Stereo

Feature	Detail
DAC Chip	ESS ES9038Q2M
Phono Stage	Moving Magnet (MM) compatible

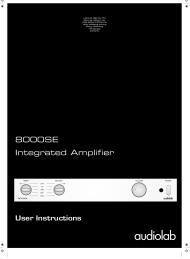
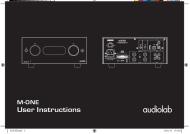
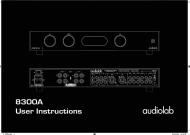
8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Audiolab website. For technical support, service, or inquiries, please contact your authorized Audiolab dealer or Audiolab customer service directly.

Audiolab Official Website: www.audiolab.co.uk

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Related Documents - 7000A

	<p>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.</p>
	<p>Audiolab 8000SE Integrated Amplifier User Instructions and Specifications Comprehensive user manual for the Audiolab 8000SE Integrated Amplifier, covering setup, operation, safety information, specifications, and warranty details.</p>
	<p>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.</p>
	<p>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.</p>
	<p>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.</p>



[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.