ELAC EA101EQ-G

ELAC EA101EQ-G Integrated Amplifier User Manual

Model: EA101EQ-G

1. INTRODUCTION

The ELAC EA101EQ-G Integrated Amplifier is designed to deliver high-fidelity audio performance with versatile connectivity and user-friendly features. This amplifier incorporates advanced BASH tracking amplifier technology, providing 80 watts per channel into 4 ohms. Key features include an integrated digital-to-analog converter (DAC), Dolby Digital decoding, and Bluetooth with aptX support. The companion iOS and Android application enhances functionality by offering precise control over system setup, including subwoofer integration and room equalization.

2. WHAT'S IN THE BOX

Please verify that all items are present before proceeding with setup:

- ELAC EA101EQ-G Integrated Amplifier
- Remote Control
- Power Cable
- User Manual (this document)

3. PRODUCT OVERVIEW

Familiarize yourself with the front panel controls and indicators of your ELAC EA101EQ-G Integrated Amplifier.

Figure 1: Front Panel of ELAC EA101EQ-G Integrated Amplifier

This image displays the front of the ELAC EA101EQ-G amplifier. From left to right, it features a power button, a digital display showing "ELAC", a source selection button, a headphone jack, and a large rotary volume control knob on the right side. The amplifier has a brushed silver finish.

Front Panel Controls:

- **Power Button:** Located on the far left, this button controls the amplifier's power state (on/standby).
- **Display:** A central digital display shows the current input source, volume level, and other operational information.
- **Source Button:** Located to the right of the display, this button cycles through available input sources.
- **Headphone Jack:** A 3.5mm (1/8 inch) jack for connecting headphones.
- **Volume Knob:** A large rotary knob on the right side for adjusting the output volume.

Note: Refer to the rear panel diagram (not pictured) for input/output connections.

4. SETUP INSTRUCTIONS

4.1 Connecting Speakers

1. Ensure the amplifier is powered off and unplugged from the mains.
2. Connect your passive speakers to the speaker terminals on the rear panel. Observe correct polarity: connect the positive (+) terminal of the amplifier to the positive (+) terminal of the speaker, and the negative (-) terminal of the amplifier to the negative (-) terminal of the speaker.
3. For optimal performance, use high-quality speaker cables.

4.2 Connecting Audio Sources

The EA101EQ-G supports various audio inputs:

- **Analog Inputs:** Connect devices like CD players or turntables (with a phono pre-amp) to the RCA analog input jacks.
- **Digital Inputs:** Connect digital sources (e.g., TV, Blu-ray player) using optical (Toslink) or coaxial cables to the corresponding digital input jacks.
- **Subwoofer Output:** If using a powered subwoofer, connect it to the dedicated subwoofer output.

4.3 Power Connection

1. After all audio connections are made, connect the supplied power cable to the amplifier's AC inlet.
2. Plug the other end of the power cable into a suitable AC wall outlet.

4.4 Initial Power On and App Setup

1. Press the Power button on the front panel or remote control to turn on the amplifier.
2. Download the ELAC companion app from the iOS App Store or Google Play Store.
3. Follow the in-app instructions to connect your mobile device to the amplifier via Bluetooth.
4. Use the app to perform initial setup, including speaker configuration, subwoofer integration (Auto Blend), and room equalization (Auto EQ). The app measures near-field response to optimize crossover frequency and phase for subwoofers.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

- **Power On/Off:** Press the Power button on the front panel or remote.
- **Source Selection:** Use the Source button on the front panel or the remote to cycle through available inputs. The selected source will be displayed.
- **Volume Control:** Rotate the Volume knob on the front panel or use the volume up/down buttons on the remote.
- **Headphones:** Plug headphones into the front panel jack. This will mute the main speaker outputs.

5.2 Bluetooth Connectivity

The amplifier supports Bluetooth with aptX for high-quality wireless audio streaming.

1. Select the Bluetooth input source on the amplifier.
2. On your mobile device, go to Bluetooth settings and select "ELAC EA101EQ-G" from the list of available devices to pair.
3. Once paired, you can stream audio wirelessly to the amplifier.

5.3 Using the ELAC App

The ELAC app provides comprehensive control and advanced features:

- **Full Control:** Manage power, source selection, and volume from your mobile device.
- **Auto Blend:** Optimizes the integration of a connected subwoofer with your main speakers.
- **Auto EQ:** Adjusts the amplifier's output to compensate for room acoustics, improving sound quality.
- **Input Naming:** Customize the names of your input sources for easier identification.

5.4 Dolby Digital Decoding

The amplifier features internal Dolby Digital decoding. When a Dolby Digital signal is received via a digital input, the amplifier will automatically decode it for playback through your stereo speaker setup, providing an enhanced audio experience for movies and other content.

6. MAINTENANCE

6.1 Cleaning

- Always disconnect the amplifier from the power outlet before cleaning.
- Use a soft, dry cloth to wipe the exterior surfaces.
- Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the finish.
- Do not allow liquids to enter the amplifier's chassis.

6.2 Ventilation

Ensure adequate ventilation around the amplifier to prevent overheating. Do not block ventilation openings. Avoid placing the unit in enclosed spaces without proper airflow.

7. TROUBLESHOOTING

If you encounter issues with your ELAC EA101EQ-G, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cable disconnected; outlet not active; amplifier in standby.	Check power cable connection; test outlet with another device; press power button on unit or remote.
No sound	Incorrect source selected; speaker cables disconnected; volume too low; mute activated.	Select correct input source; verify speaker connections; increase volume; check if mute is active.
Bluetooth connection issues	Device not in pairing mode; amplifier not selected; interference.	Ensure amplifier is on Bluetooth input; put device in pairing mode; try re-pairing; reduce distance between devices.
Sound distortion or poor quality	Incorrect speaker impedance; faulty cables; source issue; room acoustics.	Verify speaker impedance compatibility; check/replace cables; test with different source; use ELAC app's Auto EQ feature.
Remote control not working	Dead batteries; obstruction; remote out of range.	Replace batteries; remove obstructions between remote and amplifier; ensure remote is within operational range.

If the problem persists after attempting these solutions, please contact ELAC customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	ELAC
Model Number	EA101EQ-G
Output Power	80 Watts per channel (into 4 ohms)
Number of Channels	4 (Stereo with Subwoofer output)
Connectivity	Bluetooth with aptX, Analog RCA, Optical, Coaxial
Decoding	Dolby Digital
Dimensions (L x W x H)	11.63 x 13.75 x 5.5 inches
Item Weight	6.1 pounds
Manufacturer	ELAC AMERICAS LLC
UPC	853720006520

9. WARRANTY INFORMATION

ELAC products are manufactured to high standards and are warranted against defects in materials and workmanship. Specific warranty terms and duration may vary by region and product. Please retain your proof of purchase for warranty claims.

For detailed warranty information, including coverage period and terms, please visit the official ELAC website or contact your local ELAC dealer/distributor.
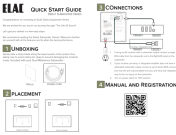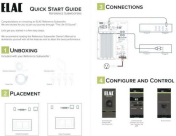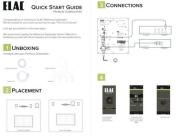
10. CUSTOMER SUPPORT

Should you require assistance with your ELAC EA101EQ-G Integrated Amplifier, please utilize the following resources:
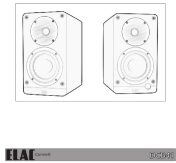
- **Online Support:** Visit the official ELAC website for FAQs, product registration, and support contact forms.
- **Technical Support:** Contact ELAC technical support directly for troubleshooting assistance. Contact details can typically be found on the ELAC website.
- **Dealer Support:** Your authorized ELAC dealer can also provide support and service.

Related Documents - EA101EQ-G

	[ELAC Debut 3.0 Subwoofer Owner's Manual](#) Owner's manual for the ELAC Debut 3.0 series subwoofers (models DS103-BK, DS123-BK, DS153-BK), covering features, connection, placement, specifications, safety instructions, and warranty.
	[ELAC Debut 3.0 Subwoofer Series: Quick Start Guide & Owner's Manual](#) Get started quickly and learn all about your ELAC Debut 3.0 series subwoofer (DS103, DS123, DS153). This guide covers unboxing, setup, connections, placement, specifications, safety, and warranty.
	[ELAC Reference Subwoofer RS500/RS700: Quick Start Guide & Owner's Manual](#) Comprehensive guide for ELAC Reference Subwoofers (RS500, RS700), covering unboxing, placement, connections, configuration, firmware updates, safety, and warranty information.
	[ELAC Premium Subwoofers: Quick Start Guide, Features, Specifications, and Safety](#) A comprehensive guide to ELAC Premium Subwoofers (PS250, PS350, PS500) including setup instructions, connection diagrams, firmware updates, safety guidelines, detailed specifications, and warranty information.

[ELAC Debut ConneX DCB41-DS Owner's Manual](#)

Owner's manual for the ELAC Debut ConneX DCB41-DS powered speakers, detailing setup, connections, controls, and safety information.

[ELAC ConneX DCB41 Powered Speakers - User Manual](#)

User manual for the ELAC ConneX DCB41 powered speakers, covering setup, connections, controls, and general information.