Elite Acoustics A4-8

Elite Acoustics A4-8 Acoustic Guitar Amplifier User Manual

Model: A4-8

1. Introduction

Thank you for purchasing the Elite Acoustics A4-8 4-Channel Acoustic Guitar Amplifier. This portable, battery-powered amplifier is designed to deliver high-quality, balanced sound for acoustic instruments and vocals. With its versatile input options, integrated effects, and Bluetooth connectivity, the A4-8 is an ideal solution for musicians on the go.

This manual provides detailed instructions for setting up, operating, and maintaining your A4-8 amplifier to ensure optimal performance and longevity.

2. Key Features

- Portable acoustic amplifier with integrated battery.
- 4 independent input channels for instruments and microphones.
- 3-band equalizer on each channel for precise tone shaping.
- 48V Phantom power available for condenser microphones.
- 16 integrated digital effects, including various Reverb, Delay, Flanger, and Chorus.
- Battery life of 6-8 hours on a full charge.
- Multiple charging options: included 12V DC power supply and car charging cable.
- Integrated Bluetooth interface for audio playback.
- Convenient 35mm tripod mount on the bottom for elevated placement.
- Durable construction with a padded handle for easy transport.

3. Product Overview and Components

Familiarize yourself with the various parts of your A4-8 amplifier.

Front View



Figure 3.1: Front view of the Elite Acoustics A4-8 amplifier, showcasing its compact design and speaker grille.

The front of the A4-8 features a robust speaker grille protecting the 8-inch woofer and 1-inch tweeter, designed to deliver clear and balanced audio output.

Rear Panel Controls and Connections



Figure 3.2: Rear panel of the Elite Acoustics A4-8 amplifier, showing input channels, EQ, effects, and output connections.

The rear panel houses all the essential controls and connections:

- **Channels 1 & 2:** Each features a combination XLR/TRS input, Gain control, 3-band EQ (Bass, Mid, Treble), EFX Send, and Volume.
- **Channels 3 & 4:** Each features a combination XLR/TRS input, Gain control, 3-band EQ, EFX Send, and Volume. Channel 4 also includes a dedicated Bluetooth input.
- **Master Section:** Master Volume, EFX Master, and Monitor Output controls.

- **Outputs:** XLR Monitor Output, Line Out, and USB charging port.
- **Power Section:** Power switch, DC input for charging/power, and battery level indicator.

4. Setup Guide

4.1 Initial Charging

1. Before first use, fully charge the amplifier's internal battery. Connect the supplied 12V DC power adapter to the DC IN port on the rear panel and plug it into a standard wall outlet.
2. The battery indicator lights will show charging progress. A full charge typically takes 6-8 hours.
3. You can also charge the unit using the provided car charging cable for convenience on the go.

4.2 Powering On/Off

- To power on, ensure the Master Volume is set to minimum, then flip the Power switch on the rear panel to the 'ON' position.
- To power off, set the Master Volume to minimum, then flip the Power switch to the 'OFF' position.

4.3 Placement

- Place the amplifier on a stable, flat surface.
- For optimal sound projection, consider using the integrated 35mm tripod mount to elevate the amplifier.
- Ensure adequate ventilation around the unit.

5. Operating Instructions

5.1 Connecting Instruments and Microphones

1. Connect your instrument (e.g., acoustic guitar, keyboard) or microphone to any of the four combination XLR/TRS input jacks.
2. For condenser microphones, activate the 48V Phantom Power switch located near the input jacks. Ensure phantom power is off before connecting or disconnecting condenser microphones.
3. Adjust the **Gain** knob for the connected channel until the signal is strong but not clipping (distortion).
4. Use the **3-band EQ** (Bass, Mid, Treble) to shape the tone of each channel to your preference.
5. Adjust the individual **Volume** knob for each channel.

5.2 Using Integrated Effects

1. The A4-8 features 16 digital effects. Select an effect using the **Effects Selector** knob.
2. Adjust the amount of effect applied to each channel using the individual **EFX Send** knob for that channel.
3. Control the overall level of the effects with the **EFX Master** knob in the master section.

5.3 Bluetooth Connectivity

1. Activate Bluetooth on your audio device (smartphone, tablet, etc.).
2. On the A4-8, ensure the Bluetooth input on Channel 4 is selected.

3. Search for "Elite Acoustics A4-8" (or similar) in your device's Bluetooth settings and pair.
4. Once paired, you can play audio from your device through the amplifier. Adjust the volume using your device's volume control and the Channel 4 volume knob on the amplifier.

5.4 Output Connections

- **Monitor Output:** Use the XLR Monitor Output to send a mixed signal to an external monitor speaker. Adjust its level with the Monitor Output knob.
- **Line Out:** The Line Out (TRS) provides a balanced output for connecting to a mixing console or another amplifier.
- **USB Charging:** A USB port is available for charging small devices (e.g., smartphones).

6. Maintenance and Care

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use abrasive cleaners or solvents.
- **Battery Care:** To prolong battery life, avoid completely draining the battery frequently. Recharge the unit regularly, especially if storing for extended periods. Store in a cool, dry place.
- **Storage:** When not in use, store the amplifier in a dry environment, away from extreme temperatures and direct sunlight.
- **Transportation:** Always use the padded handle for carrying. Avoid dropping or subjecting the unit to severe impacts.

7. Troubleshooting

Problem	Possible Cause	Solution
No power	Battery drained; Power switch off; Power adapter not connected.	Charge the battery; Ensure power switch is ON; Check power adapter connection.
No sound output	Master Volume too low; Channel Volume too low; Incorrect input connection; Mute engaged.	Increase Master and Channel Volumes; Verify instrument/mic connection; Check for any mute functions.
Distorted sound	Input Gain too high; Speaker damage.	Reduce input Gain; If distortion persists, contact support.
Bluetooth not connecting	Device not in pairing mode; Amplifier not discoverable; Interference.	Ensure Bluetooth is active on both devices; Restart amplifier and device; Move closer to amplifier.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact Elite Acoustics customer support.

8. Specifications

- **Model Number:** A4-8

- **Output Power:** 40 Watts
- **Number of Channels:** 4
- **Speakers:** 1 x 8-inch Woofer, 1 x 1-inch Tweeter
- **Battery Type:** Sealed Lead-Acid (12V)
- **Battery Life:** 6-8 hours (fully charged)
- **Product Dimensions:** 27.7 x 26 x 41.5 cm (10.9 x 10.2 x 16.3 inches)
- **Product Weight:** 12.7 kg (28 lbs)
- **Color:** Black
- **Connectivity:** XLR/TRS Combo Inputs, Bluetooth, USB (charging only)
- **Manufacturer:** Elite Acoustics Engineering
- **UPC:** 851337007091

9. Warranty and Support

For detailed warranty information, please refer to the warranty card included with your purchase or visit the official Elite Acoustics Engineering website. Keep your proof of purchase for any warranty claims.

For technical support, service, or replacement parts, please contact Elite Acoustics Engineering customer service through their official website or the contact information provided with your product documentation. **Website:** www.eliteacoustics.com (This is a placeholder URL, please refer to actual product documentation for correct website)

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