EMG 3429.00

EMG ACS Acoustic Guitar Soundhole Pickup User Manual

Model: 3429.00

1. Product Overview

The EMG ACS Acoustic Guitar Soundhole Pickup is designed to provide amplified acoustic guitar tone while minimizing feedback. It features a broad frequency range and an internal preamp specifically tuned for acoustic guitar phase and frequency response, ensuring a clear and brilliant high-end sound. This pickup is suitable for various playing styles and is known for its straightforward installation.



Figure 1: EMG ACS Acoustic Guitar Soundhole Pickup (White)

Key Features:

- Designed for amplified acoustic guitar tone with reduced feedback.
- Offers a broad frequency range for authentic acoustic sound.
- Features a unique internal preamp tailored for acoustic guitar response.
- Retains a brilliant top-end in acoustic guitar tones.
- Easy to install.

2. Setup and Installation

Before beginning installation, ensure your guitar is clean and free of debris in the soundhole area. The EMG ACS pickup is designed for straightforward installation.

2.1 Included Components:

- EMG ACS Soundhole Pickup
- Battery Holder (for CR2 battery)
- Output Jack
- Mounting Clips (4x)
- Hex Keys (2x)



Figure 2: Included components for the EMG ACS pickup, including the battery holder, mounting clips, and hex keys.



Figure 3: The output jack for the EMG ACS pickup.

2.2 Battery Installation:

The EMG ACS pickup requires one CR2 battery. Install the battery into the provided battery holder, ensuring correct polarity. The battery holder is typically mounted inside the guitar body in an accessible location.

2.3 Pickup Mounting:

1. Loosen the mounting screws on the pickup using the provided hex key.
2. Carefully position the pickup within the soundhole of your acoustic guitar.
3. Adjust the mounting clips to securely grip the edges of the soundhole.
4. Tighten the mounting screws to firmly secure the pickup in place. Do not overtighten.
5. Connect the pickup to the output jack and the battery holder according to the wiring diagram (refer to the full manufacturer's guide for detailed wiring).

3. Operation

Once installed, the EMG ACS pickup is ready for use. Connect your guitar to an amplifier or PA system using a standard instrument cable.

3.1 Volume Control:

The pickup features a volume knob, conveniently located for easy access. Rotate the knob clockwise to increase volume and counter-clockwise to decrease it.

3.2 Pole Piece Adjustment:

For optimal string balance, the pole pieces on the pickup can be individually adjusted. If you notice an imbalance in string volume (e.g., lower strings being quieter), use a small screwdriver to slightly raise the corresponding pole pieces until the desired balance is achieved.

4. Maintenance

4.1 Battery Replacement:

The EMG ACS pickup is powered by a CR2 battery. When the sound becomes weak or distorted, it is time to replace the battery. Access the battery holder inside the guitar, remove the old battery, and insert a new CR2 battery, observing correct polarity.

4.2 Cleaning:

To clean the pickup, gently wipe it with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these can damage the finish or electronic components.

4.3 Storage:

When not in use for extended periods, it is recommended to remove the battery to prevent leakage and potential damage to the pickup.

5. Troubleshooting

- **No Sound:**
  - Check if the battery is correctly installed and has sufficient charge. Replace if necessary.
  - Ensure all connections (pickup to output jack, output jack to amplifier) are secure.
  - Verify the amplifier is turned on and functioning correctly.
- **Unbalanced String Volume:**
  - Adjust the individual pole pieces for the strings that are too quiet or too loud (refer to Section 3.2).
  - Ensure the pickup is positioned correctly and evenly across the soundhole.
- **Excessive Feedback:**
  - Reduce the amplifier volume or gain.
  - Adjust the guitar's position relative to the amplifier.
  - Consider using a soundhole feedback suppressor if the issue persists in high-volume environments.
- **Distorted Sound:**
  - Replace the battery.
  - Check for damaged cables or connections.
  - Ensure the input gain on your amplifier or mixer is not set too high.

6. Specifications

Model Number	3429.00
ASIN	B00JQ7F1U2
Color Name	White
Item Weight	8 ounces
Product Dimensions	7 x 3 x 5 inches
Batteries Required	1 CR2 battery
Number of Strings	6
Guitar Bridge System	Adjustable
Material Type	Metal, Plastic

7. Product Videos

7.1 EMG ACS Acoustic Guitar Soundhole Pickup Demo

Your browser does not support the video tag.

This video demonstrates the sound and performance of the EMG ACS Acoustic Guitar Soundhole Pickup. It features a musician playing an acoustic guitar equipped with the pickup, showcasing its amplified tone.

7.2 EMG ACS Acoustic Guitar Pickup Performance

Your browser does not support the video tag.

Watch a live performance featuring the EMG ACS Acoustic Guitar Pickup, highlighting its clarity and feedback resistance in a musical setting.

8. Warranty and Support

For detailed warranty information, please refer to the official EMG website or the documentation included with your purchase. For technical support or further assistance, please contact EMG customer service.

- **Manufacturer Website:** www.emgpickups.com
- **Customer Support:** Refer to the website for contact details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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