Skysonic T-903

Skysonic T-903 Active Acoustic Guitar Soundhole Pickup

User Instruction Manual

Introduction

Thank you for choosing the Skysonic T-903 Active Acoustic Guitar Soundhole Pickup. This manual provides detailed instructions for the proper installation, operation, and maintenance of your new pickup to ensure optimal sound quality and longevity. The T-903 is designed to deliver clear, balanced sound with easy integration into most acoustic guitars.

Product Overview and Features

The Skysonic T-903 is an active humbucking soundhole pickup with an integrated microphone, offering versatile tone control for acoustic guitars. It is engineered for clear sound reproduction and ease of use.

- **Electromagnetic Humbucking Design:** Provides clear sound and minimizes unwanted noise.
- **Built-in Microphone:** Captures the natural acoustic resonance of your guitar.
- **Dual Volume Control:** Independent adjustments for the humbucking pickup and the microphone, allowing for precise tonal blending.
- **Padded Clip Installation:** Ensures secure mounting within the soundhole while protecting your guitar's finish.
- **Endpin Connection:** Features a durable endpin with leather for secure and stable connection.
- **Long Battery Life:** Powered by a 9V battery, providing up to 42 hours of continuous operation.
- **Compact Design:** Suitable for acoustic guitars with a soundhole diameter of 9-10 CM.



Image: Top view of the Skysonic T-903 pickup, highlighting the master and microphone volume controls.

Package Contents

Please ensure all items are present in the package:

- Skysonic T-903 Soundhole Pickup Unit
- 9V Battery
- Output Cable (with endpin jack)

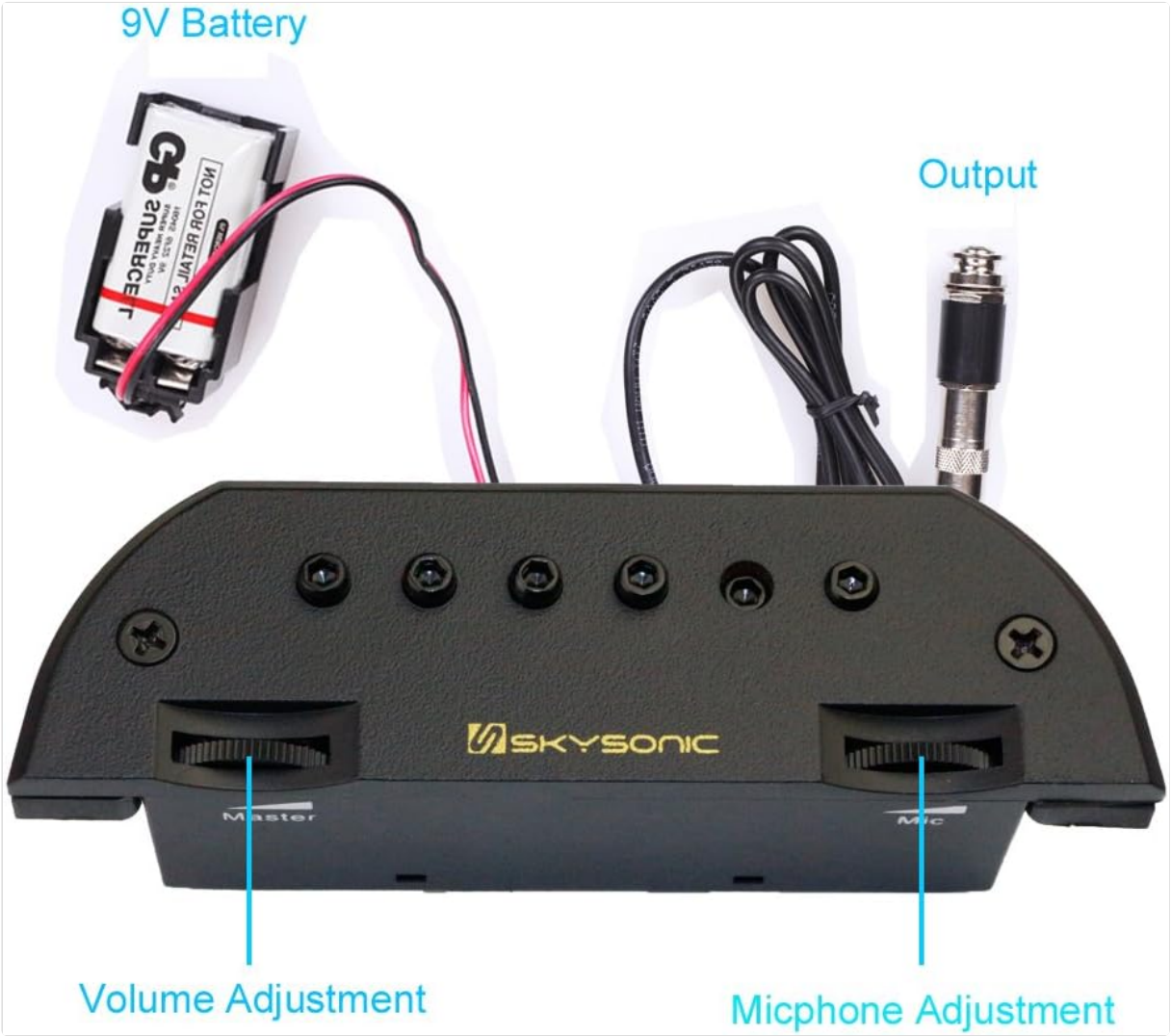


Image: The product packaging for the Skysonic T-903 pickup.

Setup and Installation

The T-903 pickup is designed for easy, non-invasive installation into your acoustic guitar's soundhole.

1. **Prepare the Pickup:** Connect the provided 9V battery to the battery clip on the pickup unit. Ensure the polarity is correct.
2. **Connect Output Cable:** Plug the output cable into the designated jack on the pickup unit.
3. **Position in Soundhole:** Gently slide the pickup into the guitar's soundhole. The padded clips on the sides of the pickup will secure it in place. Ensure the pickup is centered and stable. The pickup is designed for soundholes with a diameter between 9-10 CM.
4. **Secure Endpin:** Route the output cable through the guitar's body and secure the endpin jack. The leather attachment helps to fix its connection securely.
5. **Final Check:** Ensure the pickup is firmly seated and the cable is not obstructing any moving parts or causing tension.



Image: The Skysonic T-903 pickup with its components (9V battery, output cable) and labeled controls for volume and microphone adjustment.



Image: The Skysonic T-903 pickup securely installed within the soundhole of an acoustic guitar.

Operating Instructions

Once installed, the Skysonic T-903 offers intuitive controls for shaping your sound.

1. **Connect to Amplifier/PA:** Plug the endpin output jack into your amplifier, mixer, or PA system using a standard instrument cable.
2. **Power On:** The pickup is active when connected. There is no separate power switch.
3. **Adjust Master Volume:** Use the 'Master' control knob on the pickup to adjust the overall output volume of the humbucking pickup.
4. **Adjust Microphone Volume:** Use the 'Mic' control knob to blend in the sound from the built-in microphone. Increasing this control will add more of the guitar's natural acoustic resonance and percussive sounds.
5. **Balance Tone:** Experiment with the 'Master' and 'Mic' controls to find the desired balance between the clear, direct sound of the humbucker and the ambient, natural sound of the microphone.

Tip: Start with the 'Mic' control at a lower setting and gradually increase it to avoid feedback, especially in loud environments.

Maintenance

Proper maintenance will help prolong the life and performance of your Skysonic T-903 pickup.

- **Battery Replacement:** When the sound becomes weak or distorted, it's time to replace the 9V battery. Disconnect the pickup from any amplification, carefully remove it from the soundhole, and replace the battery.
- **Cleaning:** Wipe the pickup unit with a soft, dry cloth to remove dust and grime. Avoid using abrasive cleaners or solvents.

- **Storage:** If storing the guitar for an extended period, it is recommended to remove the pickup or at least disconnect the battery to prevent leakage.
- **Handle with Care:** Avoid dropping the pickup or subjecting it to excessive force, which could damage internal components.

Troubleshooting

If you encounter issues with your Skysonic T-903, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output	Dead or low battery Loose cable connection Amplifier/mixer issues	Replace 9V battery Check all cable connections (pickup, endpin, amplifier) Verify amplifier/mixer is on and working correctly
Weak or distorted sound	Low battery Incorrect volume settings Feedback from microphone	Replace 9V battery Adjust 'Master' and 'Mic' volume controls Reduce 'Mic' volume, especially in loud environments
Humming or buzzing noise	Grounding issue Interference from other electronics	Ensure all connections are secure Try a different power outlet for your amplifier Move away from other electronic devices

Specifications

- **Model:** T-903
- **Type:** Active Humbucking Soundhole Pickup with Microphone
- **Power Supply:** 9V Battery
- **Battery Life:** Up to 42 hours (continuous use)
- **Compatible Soundhole Diameter:** 9-10 CM
- **Package Dimensions:** Approximately 7.5 x 5 x 2.5 inches

Warranty and Support

For any questions, technical assistance, or warranty inquiries regarding your Skysonic T-903 pickup, please refer to the retailer where you purchased the product or visit the official Skysonic website for support contact information. Please retain your proof of purchase for warranty claims.