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› AMUMU SP31WN Walnut Magnetic Soundhole Pickup for Steel String Acoustic Guitars - Single Coil, Passive, Battery-Free, Clear & Balanced Acoustic Tone 2ft Cable - 1/4" female jack

Amumu SP31WN

AMUMU SP31WN Walnut Magnetic Soundhole Pickup User Manual

Model: SP31WN

INTRODUCTION

Thank you for choosing the AMUMU SP31WN Walnut Magnetic Soundhole Pickup. This passive, battery-free pickup is designed to provide clear and balanced acoustic tone for steel-string guitars. Its natural walnut housing enhances sound transmission, ensuring a pure acoustic experience. This manual provides essential information for the proper installation, operation, and maintenance of your new pickup.



Image: The AMUMU SP31WN Walnut Magnetic Soundhole Pickup with its accompanying 2ft cable and 1/4" female jack.

Safety Information

- Always handle the pickup and guitar with care to prevent damage.
- Ensure the guitar's soundhole dimensions are compatible with the pickup (3.82" to 4.33" / 97 mm to 110 mm).
- Do not attempt to disassemble the pickup, as this may void the warranty and cause damage.
- Keep the pickup away from excessive moisture or extreme temperatures.
- When drilling for endpin jack installation, use appropriate safety gear and ensure the guitar is properly secured. If unsure, seek professional installation.

Product Features

The AMUMU SP31WN pickup incorporates several design elements for optimal performance:

- **Clear & Balanced Sound:** Utilizes a custom Rare Earth Neodymium Magnet and hand-wound oxygen-free copper coil for low noise and bright, balanced tones.
- **Premium Wood Housing:** Constructed from walnut wood, which enhances vibration transmission for a clear,

natural acoustic sound.

- **Lossless Signal:** Features a studio-grade audio cable designed to preserve nearly 99% of the original sound signal.
- **Battery-Free Design:** A high-impedance passive pickup that operates without the need for batteries; simply plug and play.
- **Broad Compatibility:** Designed for steel-string acoustic guitars with soundholes between 3.82" (97 mm) and 4.33" (110 mm).

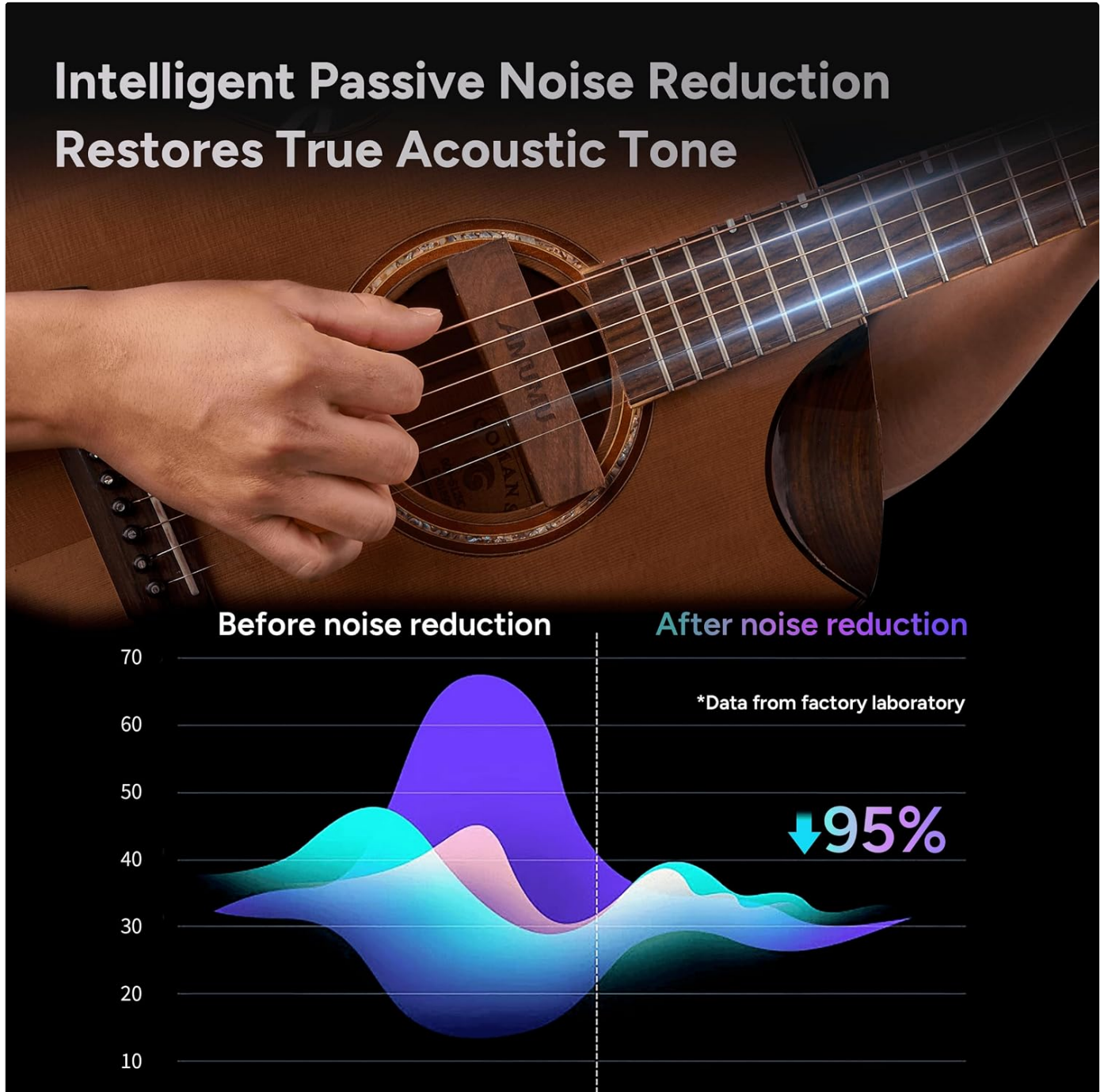
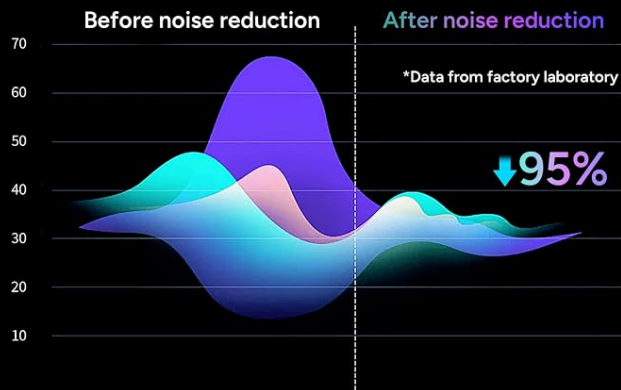


Image: A graph illustrating the intelligent passive noise reduction capability of the pickup, showing a 95% reduction in noise after processing.

Intelligent Passive Noise Reduction Restores True Acoustic Tone



Suitable for Various Scenarios



Image: A craftsman working with wood, highlighting the use of premium walnut for the pickup's housing, known for its stability and acoustic properties.

Sound Hole Clip Sponge Cushion Stable Without Damaging the Guitar Body



Passive Single Coil Stable Tone Transmission



Image: A detailed diagram showcasing the internal structure and materials of the custom studio-grade lossless audio cable, including oxygen-free copper and PVC insulation.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. The AMUMU SP31WN offers two main installation components: the soundhole pickup itself and the endpin jack assembly.

1. Pickup Installation (Soundhole)

This method involves securing the pickup directly into the guitar's soundhole.

1. Gently slide the pickup into the soundhole, ensuring the "AMUMU" logo faces outwards.
2. Position the pickup so that its padded clamps align with the edges of the soundhole.
3. Carefully press the sides of the pickup to engage the clamps securely against the soundhole rim. Ensure it is snug but not overly tight to avoid damaging the guitar finish.
4. Verify the pickup is stable and does not obstruct string vibration.



Endpin Jack Installation

1. Remove the strings.
2. Drill a 15/32" hole in the endblock.
3. Remove the strap button, insert the strap button in the drilling hole, thread and hand tighten the strap button.
4. Slide the cable holders onto the cable, remove the adhesive backing and then place them as needed to prevent the cable from banging around inside the guitar.

*For detailed steps, refer to the user manual.

Pickup Installation

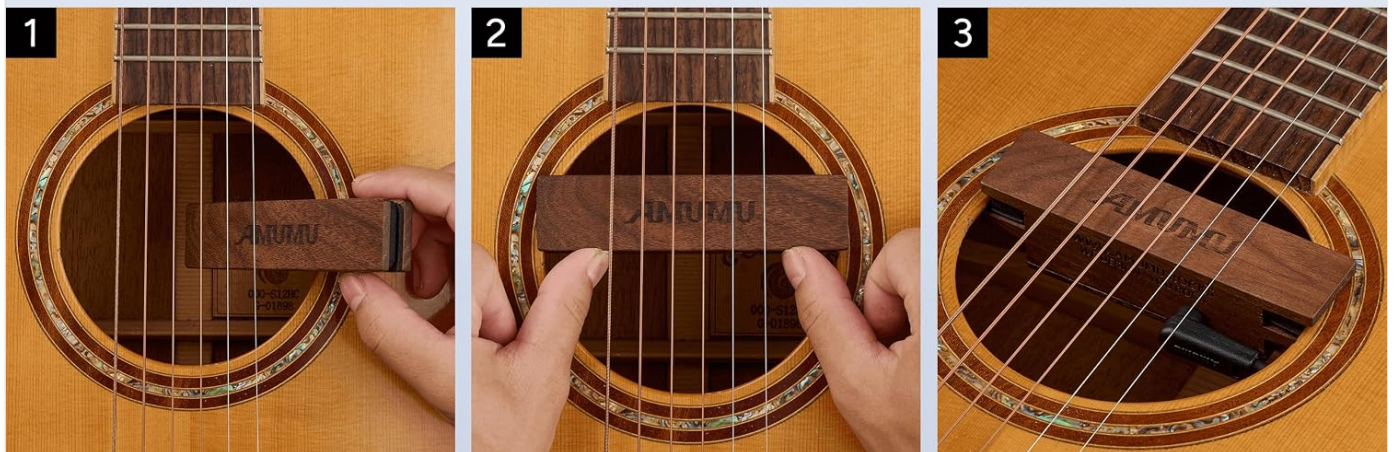


Image: A visual guide demonstrating the three steps for installing the magnetic soundhole pickup into an acoustic guitar's soundhole.

Broad Compatibility

Fits Most Acoustic Guitars

Fits 40-41 inch steel-string acoustic guitars with 97-110 mm soundholes.
DOES NOT work with 3/4-size guitars like Taylor Baby, Little Martin series.
DOES NOT work with nylon strings.

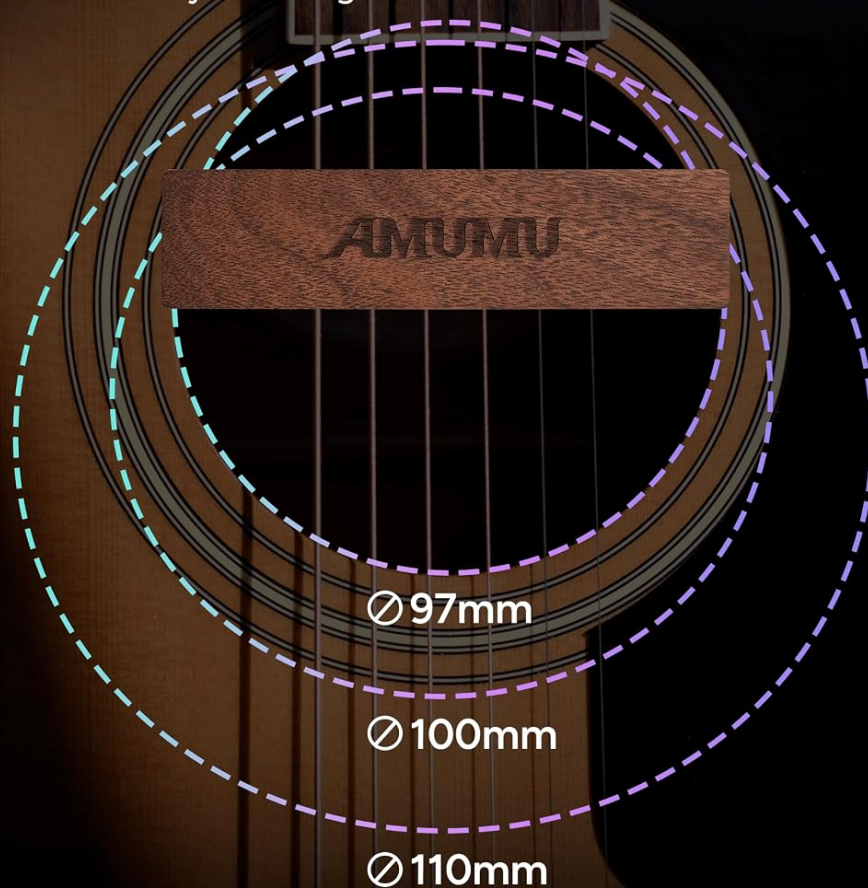


Image: A close-up view highlighting the soundhole clip with its sponge cushion, designed to provide a stable fit without damaging the guitar body, and the passive single coil for stable tone transmission.

2. Endpin Jack Installation (Optional)

For a more permanent and integrated setup, the included 1/4" female jack can be installed as an endpin jack. This requires drilling and is recommended for experienced users or professional installation.

1. **Remove the strings** from your guitar.
2. **Drill a 15/32" hole** in the endblock of your guitar. Ensure precise measurement and use appropriate tools to avoid damage.
3. **Remove the existing strap button** (if any). Insert the new strap button (part of the jack assembly) into the drilled hole.
4. **Thread and hand-tighten the strap button** to secure the jack.
5. **Slide the cable holders onto the pickup cable.** Remove their adhesive backing and place them as needed inside the guitar to prevent the cable from rattling or banging against the guitar's interior.
6. **Connect the pickup's 1/8" (3.5mm) male plug** to the 1/8" (3.5mm) female input on the endpin jack assembly.

Suitable for Various Scenarios



Image: An internal view of an acoustic guitar demonstrating the routing and securing of the pickup cable to the endpin jack, with cable holders to prevent internal rattling.

Compatibility Note: This pickup is suitable for steel-string acoustic guitars with soundholes between 3.82" (97 mm) and 4.33" (110 mm). It is **not compatible** with nylon-string guitars or 3/4-size guitars such as Taylor Baby and Little Martin models.

Why Choose a Wooden Pickup Casing?

Wood provides a warm, natural tone and effectively reduces unwanted noise, resulting in clearer and purer sound—ideal for true acoustic amplification. We specifically chose walnut wood for its stability, workability, and acoustic excellence, making it perfect for enhancing the richness and warmth of high-quality instruments.



Image: A diagram illustrating the range of compatible soundhole diameters (97mm, 100mm, 110mm) for the pickup, indicating suitability for most 40-41 inch steel-string acoustic guitars.

OPERATING INSTRUCTIONS

The AMUMU SP31WN is a passive pickup, meaning it does not require external power (like batteries) and its output level is determined by the guitar's natural vibrations and your playing dynamics.

1. Ensure the pickup is securely installed in the soundhole.
2. Connect the 1/4" female jack (either the attached cable or the installed endpin jack) to your amplifier, mixer, or audio interface using a standard 1/4" instrument cable (not included).
3. Adjust the volume and tone settings on your amplifier or mixing console to achieve your desired sound. Since this is a passive pickup, all amplification and tone shaping will occur externally.
4. Begin playing. The pickup will translate the vibrations of your steel strings into an electrical signal.

This pickup is suitable for various applications, including:

- Live performances in clubs or on stage.
- Studio recording sessions.
- Band rehearsals.
- Personal practice with amplification.



Image: A collage depicting various usage scenarios for the AMUMU SP31WN pickup, including live club performances, studio recording, large concerts, and casual rehearsals.

MAINTENANCE

To ensure the longevity and optimal performance of your AMUMU SP31WN pickup, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the pickup's walnut housing with a soft, dry cloth. Avoid using abrasive cleaners or solvents, which can damage the wood finish.
- **Storage:** When not in use for extended periods, store the pickup in a cool, dry place, away from direct sunlight and extreme temperature fluctuations.

- **Cable Care:** Avoid sharp bends or kinks in the audio cable. Coil it loosely when storing to prevent internal wire damage.
- **Inspection:** Periodically check the pickup's fit in the soundhole and the integrity of the cable connections.

TROUBLESHOOTING

If you encounter issues with your AMUMU SP31WN pickup, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Sound Output	◦ Loose cable connection. ◦ Amplifier/mixer not powered on or volume too low. ◦ Faulty instrument cable. ◦ Pickup not properly seated.	◦ Check all cable connections are secure. ◦ Ensure amplifier/mixer is on and volume is up. ◦ Try a different instrument cable. ◦ Re-seat the pickup firmly in the soundhole.
Weak or Distorted Sound	◦ Improper gain staging on amplifier/mixer. ◦ Pickup not positioned optimally. ◦ Damaged cable.	◦ Adjust input gain on your amplifier/mixer. ◦ Ensure pickup is centered and close to the strings. ◦ Inspect cable for damage; replace if necessary.
Excessive Noise/Hum	◦ Electromagnetic interference (EMI) from other electronics. ◦ Ground loop issue. ◦ Faulty cable.	◦ Move away from sources of interference (e.g., computer monitors, fluorescent lights). ◦ Try plugging equipment into different outlets on the same circuit. ◦ Test with a different cable.
Pickup Falls Out of Soundhole	◦ Soundhole size is too large. ◦ Pickup not properly secured.	◦ Verify soundhole is within 3.82" to 4.33" (97-110 mm). ◦ Ensure the clamps are fully engaged and snug.

SPECIFICATIONS

Feature	Detail
Model	SP31WN
Type	Magnetic Soundhole Pickup
Coil Type	Single Coil
Power Source	Passive (Battery-Free)
Housing Material	Walnut Wood
Cable Length	2 ft (0.6 meters)
Output Jack	1/4" Female Jack Assembly
Compatible Soundhole Diameter	3.82" – 4.33" (97 mm – 110 mm)
Compatible Guitar Type	Steel-string Acoustic Guitars (40-41 inch)
Item Weight	1.76 ounces (approx. 50 grams)
Product Dimensions	4.13 x 0.98 x 0.98 inches (approx. 10.5 x 2.5 x 2.5 cm)

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Amumu website or contact your retailer. Keep your purchase receipt as proof of purchase for any warranty claims.

Amumu Official Website: www.amumu.rocks

For further assistance, you may also visit the [Amumu Store on Amazon](#).

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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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question