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› Dean Markley Pro Mag Plus XM Acoustic Guitar Pickup Instruction Manual

Dean Markley 3011

Dean Markley Pro Mag Plus XM Acoustic Guitar Pickup Instruction Manual

Model: 3011

1. PRODUCT OVERVIEW

The Dean Markley Pro Mag Plus XM is a single coil acoustic guitar pickup designed to provide clear, bright, and balanced tones for steel-string guitars. It features a smooth maple wood housing and a 15-foot low-noise double-shielded cable with a 1/4" nickel jack for direct connection.

Key Features:

- Excellent string balance with clear and bright tones.
- Bell-like harmonics and wide dynamic range for a warm, rich tone.
- 15-foot low-noise double-shielded cable with 1/4" nickel jack.
- Maple wood ebony finish housing for high-end response and balanced tone clarity.
- Quick-mount, tool-free installation without guitar modification.



Figure 1: Dean Markley Pro Mag Plus XM Acoustic Guitar Pickup, showing the pickup unit, attached cable with 1/4-inch jack, and product packaging.

Patented Coil Configuration:

The pickup utilizes a patented coil configuration with thousands of finely tuned copper wires wrapped around a magnetic core. This design creates a concentrated magnetic field, translating acoustic vibrations into electric signals for amplification.

Dean Markley

THE PATENTED COIL CONFIGURATION



Figure 2: Internal diagram of the pickup's coil configuration and key electrical features.

2. SETUP AND INSTALLATION

The Dean Markley Pro Mag Plus XM pickup is designed for quick, tool-free installation into the soundhole of most acoustic guitars. No drilling or soldering is required, and it does not require a battery.

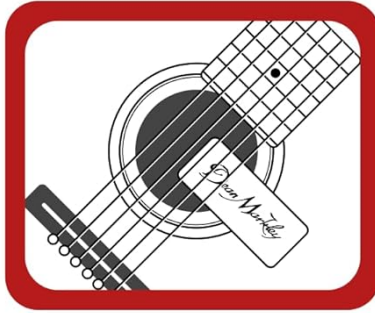
Installation Steps:

1. **Step 1:** Slide the pickup under the strings into the guitar's soundhole.
2. **Step 2:** Line up the cushion against the base side of the soundhole.
3. **Step 3:** Compress the foam until the treble end clears, ensuring a snug fit.

The pickup is compatible with 6-string, 7-string, and 12-string guitars, fitting soundholes with a diameter of 3-4 inches. Installation typically takes under 30 seconds.

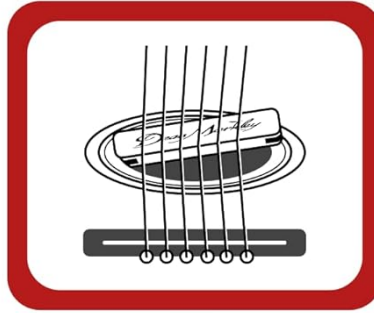
NO NEED TO MODIFY YOUR GUITAR

TOOL-FREE EASY INSTANT-MOUNT INSTALLATION



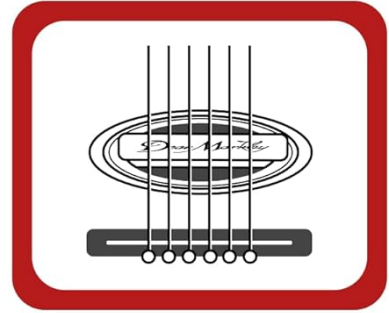
STEP 1

SLIDE THE PICKUP
UNDAER THE STRING



STEP 2

LINE UP THE CUSSION
AGAINST THE BASE SIDE



STEP 3

COMPRESS THE FOAM UNTIL
THE TREBLE END CLEARS



Figure 3: Visual guide for installing the Pro Mag Plus XM pickup.

For detailed visual instructions, you may refer to the official [Installation Manual \(PDF\)](#).

3. OPERATING INSTRUCTIONS

Once installed, the Pro Mag Plus XM pickup is ready for immediate use. Connect the integrated 1/4" jack to your desired amplification or recording equipment.

Connection Options:

- **Amplifier:** Connect the pickup directly to a guitar amplifier using a standard instrument cable.
- **Sound Mixer:** Connect to a sound mixer for live sound reinforcement or recording.
- **Sound Card:** Connect to a computer's sound card input port for direct recording.

INSTANT ON-STAGE AMPLIFICATION



Capture the sound from your acoustic guitar to guitar amp or plugged directly into PA systems or mixing consoles

 These pickups will work with any amp or direct box with a 1/4" plug.

Figure 4: Connection diagrams for various amplification setups.

Sound Characteristics:

The single coil design provides a high-end frequency response, amplifying the natural tone of your acoustic guitar. It is responsive to center tone and delivers:

- Wider range high-frequency tones.
- Tight bass response.
- Distinct midrange punch.
- Bright, snappy tone.
- Treble-focused sound.

SINGLE COIL ACOUSTIC GUITAR PICKUP

HIGH-END FREQUENCY RESPONSE

MORE RESPONSIVE
TO CENTER TONE

AMPLIFY THE EXACT
NATURAL TONE OF
YOUR GUITAR

WIDER RANGE
HIGH-FREQUENCY
TONES

TIGHT
BASS
RESPONSE

DISTINCT
MIDRANGE
PUNCH

BRIGHT
SNAPPY
TONE

TREBLE
FOCUSED
SOUND

Figure 5: The Pro Mag Plus XM pickup amplifies the natural acoustic tone.

4. MAINTENANCE

The Dean Markley Pro Mag Plus XM pickup is designed for durability and requires minimal maintenance. The maple wood housing is decay-resistant and features a smooth, non-porous surface.

- **Cleaning:** To clean the pickup, gently wipe it with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these may damage the finish.
- **Storage:** When not in use for extended periods, store the pickup in a clean, dry environment away from extreme temperatures and humidity.

THE *Dean Markley* DIFFERENCE



GUITARISTS WHO LIKE AND TRUST DEAN MARKLEY CAN NOW USE ACOUSTIC GUITAR PICKUPS THAT HAVE THE SAME QUALITY AND THOUGHTFULNESS AS OUR STRINGS.



Figure 6: Dimensions and material properties of the Pro Mag Plus XM pickup.

5. TROUBLESHOOTING

If you encounter issues with your Dean Markley Pro Mag Plus XM pickup, consider the following common troubleshooting steps:

- **No Sound Output:**

- Ensure the pickup's 1/4" jack is fully inserted into the amplifier/mixer input.
- Check all cable connections from the pickup to the amplifier/mixer.
- Verify that the amplifier/mixer is powered on and its volume is turned up.
- Test with a different instrument cable to rule out a faulty cable.
- If using an amplifier, ensure it is functioning correctly by testing with another instrument.

- **Hum or Unwanted Noise:**

- Ensure the pickup is securely seated in the soundhole to minimize vibrations.
- Check for any loose connections in the cable or input jack.

- Move away from sources of electromagnetic interference (e.g., power supplies, fluorescent lights).
- Test with a different instrument cable.

- **Weak or Distorted Sound:**

- Ensure the pickup is positioned correctly in the soundhole.
- Check the input gain settings on your amplifier or mixer; too high or too low can cause distortion or weakness.
- Verify that the strings are not too far from the pickup, affecting signal strength.

If these steps do not resolve the issue, please contact Dean Markley customer support for further assistance.

6. SPECIFICATIONS

Feature	Detail
Item Weight	2.4 ounces
Product Dimensions	0.63 x 6 x 6.13 inches
Item Model Number	3011
Color Name	Maple
Guitar Pickup Configuration	Single-coil
Material Type	Wood (Maple)
Number of Strings Supported	6, 7, 12
Soundhole Diameter Compatibility	3-4 inches
Cable Length	15 feet (approx. 4.57 meters)
Connector Type	1/4" Nickel Jack
Battery Required	No

Pickup Comparison (Pro Mag Plus XM vs. Humbucker):

QUALITY THAT LASTS FOR YEARS

	SINGLE COIL PICKUPS	HUMBUCKER PICKUPS
PICKUP THEORY:	Cutting Magnetic Lines	Cutting Magnetic Lines
PICKUP TYPE:	Single Coil Passive	Humbucking Passive
TRANSDUCER:	Magnetic	Magnetic
SOUND:	bright, sharp sound	thicker, warmer, and richer output
GENRE:	Classic Rock, Blues, RnB, Funk, Surf, Soul, Country	Classic Rock, Jazz, Heavy Metal, Blues
CONNECTION METHOD:	PROMAG PLUS STANDARD: 13 ft. cable with 1/4 in. endpin jack (male) PROMAG PLUS XM: 24 in. cable with 1/4 in. endpin jack(female) & clip to attach to guitar strap	PROMAG GRAND STANDARD: 13 ft. cable with 1/4 in. endpin jack (male) PROMAG GRAND XM: 24 in. cable with 1/4 in. endpin jack(female) & clip to attach to guitar strap
SUITABLE STRING TYPE:	steel and nickel brass and bronze	steel and nickel brass and bronze
PLACEMENT:	Soundhole	Soundhole
DIMENSIONS:	6.13 x 6 x 0.063 in. Weight 5.6oz	6.13 x 6 x 0.063 in. Weight 5.6oz

Figure 7: Comparison of Single Coil and Humbucker Pickup characteristics.

7. WARRANTY AND SUPPORT

The Dean Markley Pro Mag Plus XM Acoustic Guitar Pickup comes with a **5-year warranty**, reflecting the manufacturer's commitment to quality and durability.

Customer Support:

For warranty claims, technical assistance, or any questions regarding your product, please contact Dean Markley customer support directly. Refer to the product packaging or the official Dean Markley website for the most current contact information.

Dean Markley was established in 1972 and is known for manufacturing musical instrument-related products, primarily strings for guitars, and accessories like pickups, amplifiers, and tuners. Products are Made in the USA.

