

D'Addario PW-CT-15

D'Addario NS Micro Soundhole Tuner (Model PW-CT-15) - Instruction Manual

For Acoustic Guitars, Ukuleles, and other Acoustic Instruments

INTRODUCTION

The D'Addario NS Micro Soundhole Tuner (Model PW-CT-15) is a chromatic tuner designed for discreet and accurate tuning of acoustic guitars, ukuleles, and other acoustic instruments. Its compact design allows it to remain concealed within the instrument's sound hole, providing quick and precise tuning response by sensing vibrations directly from the soundboard.

PACKAGE CONTENTS

- 1 x D'Addario NS Micro Soundhole Tuner (Model PW-CT-15)
- 1 x CR2032 Battery (pre-installed)

SETUP

1. Battery Activation

The tuner comes with a pre-installed CR2032 battery. Before first use, you must remove the plastic insulator tab to activate the battery.

1. Locate the battery compartment on the underside of the tuner.
2. Gently press the small release tab next to the battery to partially eject it.
3. Carefully pull out the battery with the plastic insulator tab.
4. Remove the plastic insulator tab and reinsert the battery with the positive (+) side facing up. Ensure it clicks securely into place.



Image: The D'Addario NS Micro Soundhole Tuner, showing its compact size and the location of the battery compartment on the underside.

2. Clip Adjustment (Optional)

For optimal vibration sensing and a secure fit, the tuner's clip tension can be adjusted if necessary. This is particularly useful if the tuner feels too loose or too tight in your instrument's soundhole.

1. Using a small Phillips head screwdriver, carefully remove the screw holding the metal clip in place.
2. Gently remove the metal clip.
3. Using small pliers, slightly bend the metal clip to increase or decrease its tension. Bend it slightly inwards for a tighter fit, or slightly outwards for a looser fit. Exercise caution to avoid over-bending or damaging the clip.
4. Reinsert the metal clip and secure it with the screw.

3. Installation into Soundhole

The tuner is designed to fit discreetly inside the soundhole of most acoustic instruments.

1. Hold the tuner by its top mounting hook.
2. Carefully slide the tuner into the soundhole, positioning it in the lower bout (typically around the 6 o'clock or 7 o'clock position for optimal viewing).

3. Press down gently with your thumb until the non-marring clip secures the tuner firmly to the edge of the soundhole. Ensure it is stable and does not wobble.



Image: The NS Micro Soundhole Tuner installed, showing its discreet placement within the instrument's soundhole.

OPERATING INSTRUCTIONS

1. Power On/Off

- To turn on the tuner, press the power button (marked with a circle and vertical line) located on the left side of the display.
- The tuner will automatically power off after 10 minutes of inactivity to conserve battery life.
- To manually turn off the tuner, press and hold the power button for a few seconds.

2. Tuning Process

The NS Micro Soundhole Tuner uses a highly sensitive piezo transducer to detect vibrations directly from your instrument, ensuring fast and accurate tuning even in noisy environments.

1. Once powered on, pluck a single string on your instrument.
2. The multi-color display will show the note being played and indicate whether it is sharp, flat, or in tune.
3. Adjust your instrument's tuning peg until the display shows the correct note in green, with the indicator centered.
4. Repeat for all strings.



MULTI-COLOR DISPLAY

Image: Close-up of the tuner's multi-color display, indicating the note and tuning accuracy.

Your browser does not support the video tag.

Video: Official D'Addario video demonstrating the NS Micro Soundhole Tuner's features and tuning process.

3. Calibration

The tuner's calibration can be adjusted from 410Hz to 480Hz.

- To change the calibration, press the '+' button located on the right side of the display.
- Each press will cycle through the available calibration settings.
- Release the button when your desired calibration is displayed.

MAINTENANCE

1. Battery Replacement

When the display becomes dim or the tuner's response is sluggish, it's time to replace the battery.

1. Follow the steps for "Battery Activation" in the Setup section to remove the old battery.
2. Insert a new CR2032 Lithium Ion battery with the positive (+) side facing up.
3. Dispose of the old battery responsibly.

2. Cleaning

Wipe the tuner with a soft, dry cloth to remove dust or fingerprints. Do not use liquid cleaners or abrasive materials.

TROUBLESHOOTING

Problem	Solution
Tuner does not power on.	Ensure the battery insulator tab has been removed. Check if the battery is correctly inserted with the positive (+) side up. Replace the battery if it is depleted.
Tuner display is dim or flickers.	The battery may be low. Replace with a new CR2032 battery.
Tuner is not accurately detecting notes or is unstable.	Ensure the tuner is securely clipped into the soundhole. Adjust the clip tension if it feels loose. Avoid external noise sources that might interfere with vibration detection.
Tuner falls out of soundhole.	The clip tension may be too loose. Follow the "Clip Adjustment" steps to increase tension.

SPECIFICATIONS

Feature	Detail
Model Number	PW-CT-15
Tuning Type	Chromatic
Detection Method	Piezo Transducer (vibration-based)
Display	Multi-color LCD
Calibration Range	410Hz - 480Hz
Auto Power-Off	10 minutes
Battery Type	1 x CR2032 Lithium Ion (included)
Dimensions	3 x 1.13 x 4.63 inches
Weight	0.007 ounces

WARRANTY AND SUPPORT

For warranty information, technical support, or to register your product, please visit the official D'Addario website or contact their customer service department. Keep your proof of purchase for warranty claims.

