

## D'Addario EJ16

# D'Addario EJ16 Phosphor Bronze Acoustic Guitar Strings Instruction Manual

Model: EJ16 Light Gauge (12-53)

## 1. INTRODUCTION

This manual provides essential information for the installation, care, and optimal use of your D'Addario EJ16 Phosphor Bronze Acoustic Guitar Strings. D'Addario was the first to use Phosphor Bronze in acoustic guitar strings, a material now widely recognized for its balanced sonic qualities and tonal warmth. These strings are precision wound to deliver consistent performance across various acoustic playing styles.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- **Construction:** Precision-wound phosphor bronze wrap wire over a hexagonal high-carbon steel core.
- **Tone:** Designed to provide a balanced and warm acoustic tone, suitable for various musical genres.
- **Material Origin:** Phosphor Bronze strings were first introduced by D'Addario in the 1970s.
- **Packaging:** Supplied in a recyclable VCI (Volatile Corrosion Inhibitor) bag, which includes a code for product registration.
- **Manufacturing:** Produced in the USA, adhering to specific production standards.



Figure 1: Front packaging of D'Addario EJ16 Phosphor Bronze Acoustic Guitar Strings, Light Gauge (12-53).



**+100** YEARS OF PRECISION  
ENGINEERING

YOU DESERVE STRINGS THAT CAN  
GO THE DISTANCE. ONLY D'ADDARIO  
STRINGS ARE SEALED INSIDE & OUT  
TO ENSURE HIGH PERFORMANCE.

## Corrosion barrier sleeve

INSIDE

THIS SEAL HELPS KEEP YOUR STRINGS AND YOUR PLAYING FRESH

MELLOW

BRIGHT

SILK & STEEL GYPSY JAZZ FLAT TOPS PHOSPHOR BRONZE NICKEL BRONZE 80/20 BRONZE

### Pioneered by D'Addario in 1974,

phosphor bronze is synonymous with a **WARM, BRIGHT, WELL-BALANCED** acoustic tone. These strings feature a **PRECISION WOUND** corrosion-resistant phosphor bronze wire that is carefully drawn around a hexagonally shaped, high-carbon steel core. The result is consistent, long-lasting tone with excellent intonation.

12

16

24

32

42

53

D'ADDARIO &  
COMPANY, INC.  
FARMINGDALE, NY  
11735 USA  
DADDARIO.COM



**GET REWARDED**  
DETAILS INSIDE

Figure 2: Back packaging detailing string gauges (12, 16, 24, 32, 42, 53) and the corrosion barrier sleeve technology.



**CORROSION RESISTANT PACKAGING**



**COMMITMENT TO SUSTAINABILITY**



**MADE IN THE USA**

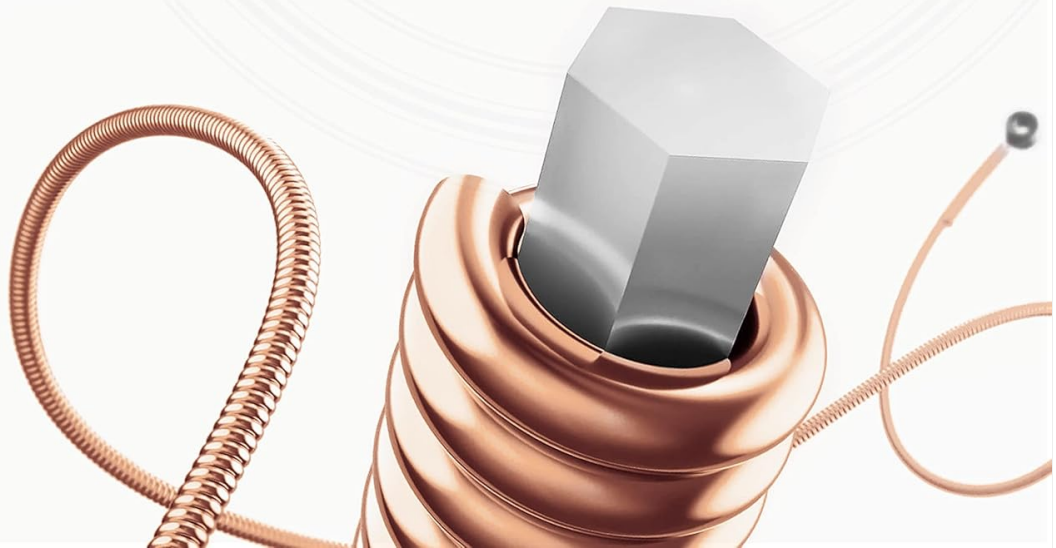


Figure 3: Visual representation of corrosion-resistant packaging, commitment to sustainability, and USA manufacturing, alongside a detailed view of a string's winding.

## **3. INSTALLATION GUIDE**

### **3.1 Preparing Your Guitar**

Before installing new strings, ensure your guitar is clean. This is an opportune time to clean the fretboard and bridge area.

### **3.2 Removing Old Strings**

1. Loosen the tension on each string using your guitar's tuning pegs until they are slack.
2. Carefully remove the bridge pins to release the ball ends of the strings from the bridge.
3. Unwind the strings from the tuning pegs and remove them from the guitar.

### **3.3 Installing New Strings**

1. Insert the ball end of each new string into its corresponding hole in the bridge. Ensure the ball end is seated firmly against the bridge plate by gently pulling the string while re-inserting the bridge pin.



## 4.2 Maintenance for Longevity

- **Clean After Use:** Wipe down your strings with a clean, dry cloth after each playing session. This removes oils, sweat, and dirt that can corrode strings and dampen their tone.
- **Hand Hygiene:** Wash your hands before playing to minimize the transfer of oils and dirt to the strings.
- **Storage:** When not in use, store your guitar in a stable environment, ideally in a case, to protect it from extreme temperature and humidity fluctuations.
- **Regular Replacement:** Strings naturally lose their vibrancy over time. Replace your strings regularly, depending on your playing frequency and style, to maintain optimal tone and playability.

## 5. TROUBLESHOOTING

### 5.1 Common Issues

- **Tuning Instability:** New strings require stretching to settle. Ensure proper installation and stretching as described in Section 3.4. Environmental changes can also affect tuning.
- **Dull Tone:** If strings sound dull shortly after installation, ensure they are clean. If the dullness persists or develops over time, it may indicate the strings need replacement due to accumulated grime or corrosion.
- **Premature Breakage:** Check for sharp edges on the bridge saddle, nut, or tuning machine posts that could be causing string wear. Ensure strings are not over-tightened during installation.
- **Buzzing:** String buzzing can be caused by improper string installation, incorrect string gauge for your guitar's setup, or issues with the guitar's action or fretwork. Consult a guitar technician if the issue persists after proper string installation.

## 6. SPECIFICATIONS






Specification	Detail
Brand	D'Addario
Model Number	EJ16
String Gauge	Light (12-53)
Number of Strings	6
String Material	Phosphor Bronze
Compatible Devices	6 String Acoustic Guitar
Item Weight	0.48 ounces
Product Dimensions	0.75 x 5 x 5 inches
ASIN	B000EEJ8CS
Date First Available	October 2, 2001

## 7. WARRANTY AND SUPPORT

D'Addario products are manufactured to high standards. For information regarding product warranty or support, please refer to the official D'Addario website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Official D'Addario Website: [www.daddario.com](http://www.daddario.com)

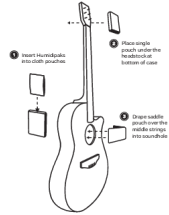
## Related Documents - EJ16

 <p><b>D'Addario</b> <b>ACOUSTIC GUITAR HUMIDIFIER</b></p> <p>The D'Addario Acoustic Guitar Humidifier protects your guitar even in the driest conditions. Its built-in wick system draws moisture from the water reservoir into the soundboard, preventing cracks, warped necks, and shrinkage, while maintaining your instrument's playability. Designed for the strings, the humidifier also maintains string tension, keeping your guitar in perfect tuning. The guitar's body MoistureGuard Humidifier is as easy as adding water to the reservoir. No batteries or power source needed. The humidifier is made of high-quality, non-toxic materials. The frequency of maintenance will vary considerably depending on your specific atmospheric conditions.</p> <p><b>INSTRUCTIONS:</b></p> <ol style="list-style-type: none"><li>1. Remove cap and wick system.</li><li>2. Dip wick into water. Do not let the wick touch the reservoir.</li><li>3. Place humidifier in the guitar's soundboard.</li><li>4. Reattach cap and wick system.</li></ol>	<p><a href="#">D'Addario Acoustic Guitar Humidifier - Protect Your Instrument</a></p> <p>Protect your acoustic guitar from cracks, warped necks, and shrinkage with the D'Addario Acoustic Guitar Humidifier. Includes simple instructions for use and maintenance to keep your instrument in optimal condition.</p>
 <p><b>D'Addario</b> <b>AUTO LOCK GUITAR STRAP</b></p> <p><b>INSTRUCTIONS:</b></p> <ol style="list-style-type: none"><li>1. The strap is in the form of a 'D' shape.</li><li>2. The strap is made of a soft, flexible material.</li><li>3. The strap is designed to be used with the D'Addario Auto Lock Guitar Strap.</li><li>4. The strap is designed to be used with the D'Addario Auto Lock Guitar Strap.</li></ol> <p>Securely attach your instrument to the strap.</p>	<p><a href="#">D'Addario Auto Lock Guitar Strap: Secure and Easy Attachment Instructions</a></p> <p>Learn how to easily attach and detach your guitar with the D'Addario Auto Lock Guitar Strap. This guide provides simple, step-by-step instructions for secure instrument connection.</p>
 <p><b>D'Addario</b> <b>AUTO-TRIM LOCKING TUNING MACHINES</b></p> <p>The Auto-Trim Tuners are precision-tuning machines that automatically trim the excess string length, making string changes fast and easy. The auto-trimming feature allows you to change strings in seconds, without the need for a stringer or multiple wraps. The 10:1 gear ratio provides precise tuning, and the auto-trim feature prevents backlash and slippage even during the hardest playing session. Follow the instructions below when changing strings to ensure the proper performance from your tuners.</p> <p><b>INSTRUCTIONS:</b></p> <ol style="list-style-type: none"><li>1. Pull string through standard slot of tuner.</li><li>2. Pull string back and tighten until string is taut.</li><li>3. Turn the auto-trim knob to trim the string.</li></ol>	<p><a href="#">D'Addario Auto-Trim Locking Tuning Machines: User Guide</a></p> <p>Learn how to install and use D'Addario Auto-Trim Locking Tuning Machines for fast, easy string changes and precise tuning. Includes step-by-step instructions.</p>
 <p><b>Violin, Viola, Cello Survival Guide</b></p> <p><b>Contents:</b></p> <ul style="list-style-type: none"><li>1. Introduction</li><li>2. Care and Maintenance</li><li>3. String Selection</li><li>4. Bow Care</li><li>5. Tuning</li><li>6. Troubleshooting</li><li>7. Appendix</li></ul> <p><b>Installing &amp; Tuning Your Strings</b></p> <p><b>1. Preparation:</b> Before you begin, make sure you have all the necessary tools and materials. This includes a screwdriver, a string winder, and a set of strings.</p> <p><b>2. String Selection:</b> Choose the right strings for your instrument. This includes the type of string (steel, nylon, or gut) and the gauge (thickness).</p> <p><b>3. String Installation:</b> Follow the instructions for installing the strings on your instrument. This includes threading the strings through the bridge, nut, and body.</p> <p><b>4. Tuning:</b> Tune your instrument to the correct pitch. This includes using a tuner or a reference pitch.</p> <p><b>5. Troubleshooting:</b> If you encounter any problems, refer to the troubleshooting section for solutions.</p> <p><b>6. Appendix:</b> This section contains additional information, including a list of recommended products and a glossary of terms.</p>	<p><a href="#">Violin, Viola, Cello Survival Guide: Care, Maintenance, and String Selection</a></p> <p>A comprehensive guide for violin, viola, and cello players on instrument and bow care, string installation and tuning, and selecting the right strings, featuring D'Addario string products.</p>
 <p><b>D'Addario</b> <b>PEDAL TUNER+</b></p> <p>The D'Addario Pedal Tuner+ is a versatile and accurate chromatic guitar pedal tuner featuring a clear LED display, a convenient countdown timer, and selectable buffered or true bypass modes. Learn how to use its features, calibrate, and optimize your signal chain.</p> <p><b>INSTRUCTIONS:</b></p> <ol style="list-style-type: none"><li>1. Connect the pedal to your guitar and amplifier.</li><li>2. Turn on the pedal.</li><li>3. Select the tuning mode (chromatic or standard).</li><li>4. Select the bypass mode (buffered or true bypass).</li><li>5. Tune your guitar.</li></ol>	<p><a href="#">D'Addario Pedal Tuner+   Accurate Guitar Pedal Tuning &amp; Countdown Timer</a></p> <p>The D'Addario Pedal Tuner+ is a versatile and accurate chromatic guitar pedal tuner featuring a clear LED display, a convenient countdown timer, and selectable buffered or true bypass modes. Learn how to use its features, calibrate, and optimize your signal chain.</p>

**D'Addario**  
**HUMIDIPAK™**  
QUICK START GUIDE

**IMPORTANT:**  
Follow these six simple steps to start using Humidipak Maintain. If your instrument is new, all of D'Addario's guitar care is the better way to go. If you already use Humidipak Maintain to regulate your instrument's proper humidity level before using Humidipak Maintain.

1. Open the outer packaging on your Humidipak Maintain packets.
2. Insert one in each side of the saddle/saddle and one in the headstock (each included with this kit). Do not use in guitars with Humidipak ports. If a port is in use, insert the packet.
3. If your instrument is a flat-top guitar with a soundboard, insert the saddle bag over the 3rd and 4th string and place the packets in the body of the guitar. If you are using Humidipak Maintain on a hollow-body guitar, find a space in your instrument's body that will allow you to place the packets. Humidipak Maintain is a product that they can use to place or where it is in the body of the guitar.
4. Place the headstock packet under the headstock in your case.
5. Keep your instrument in its case with the lid loosely fastened. When playing the instrument, close the lid and Humidipak Maintain will take care of it in a matter of days.
6. When the packets are used, they are replaced by moisture and should be discarded and replaced with fresh packets.



[D'Addario Humidipak Maintain Quick Start Guide](#)

A quick start guide for D'Addario Humidipak Maintain, providing instructions on how to use the product to maintain proper humidity levels for musical instruments, particularly guitars.