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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.

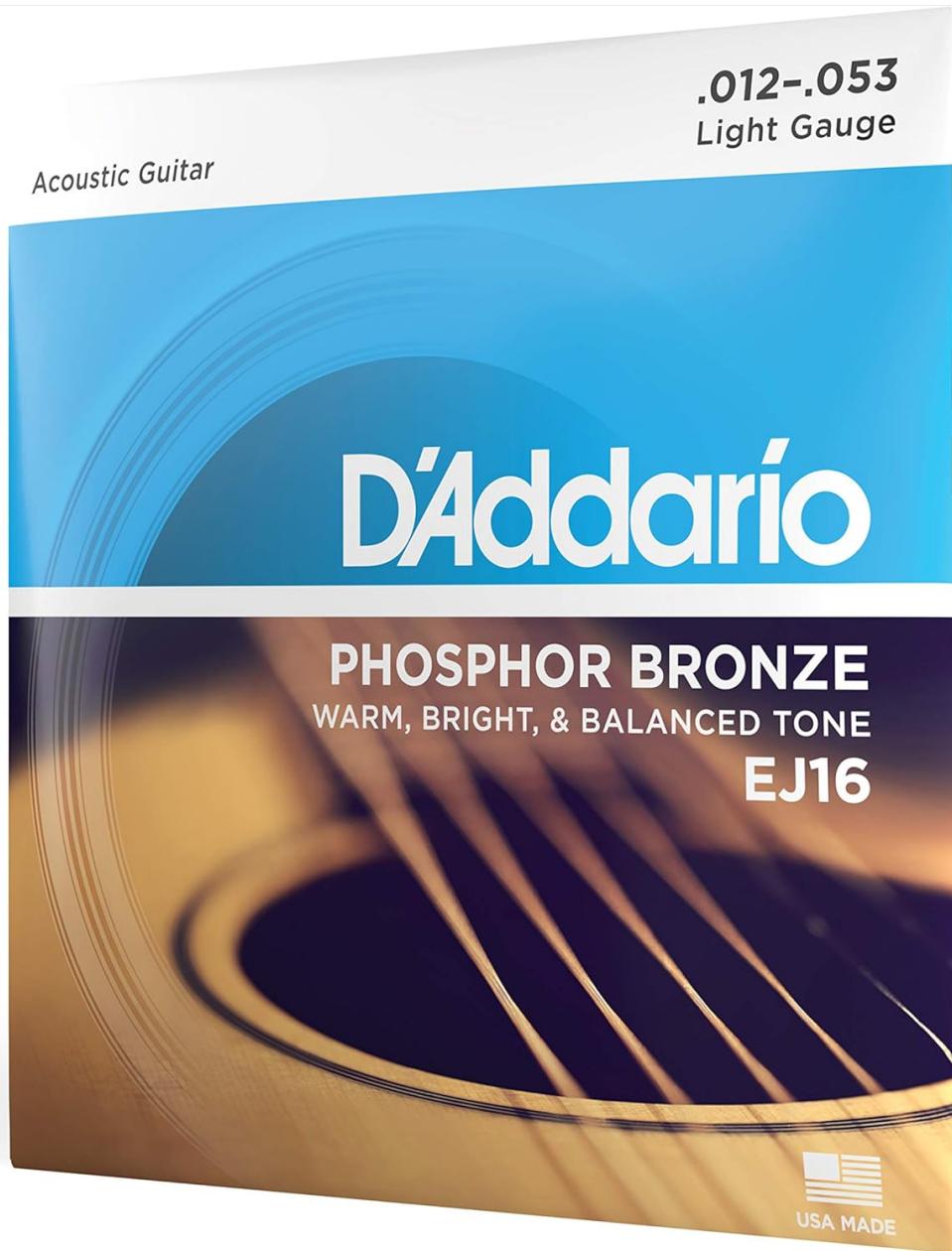


Figure 1: Front packaging of D'Addario EJ16 Phosphor Bronze Acoustic Guitar Strings, Light Gauge (12-53).



+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 53
16 42
24 32

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

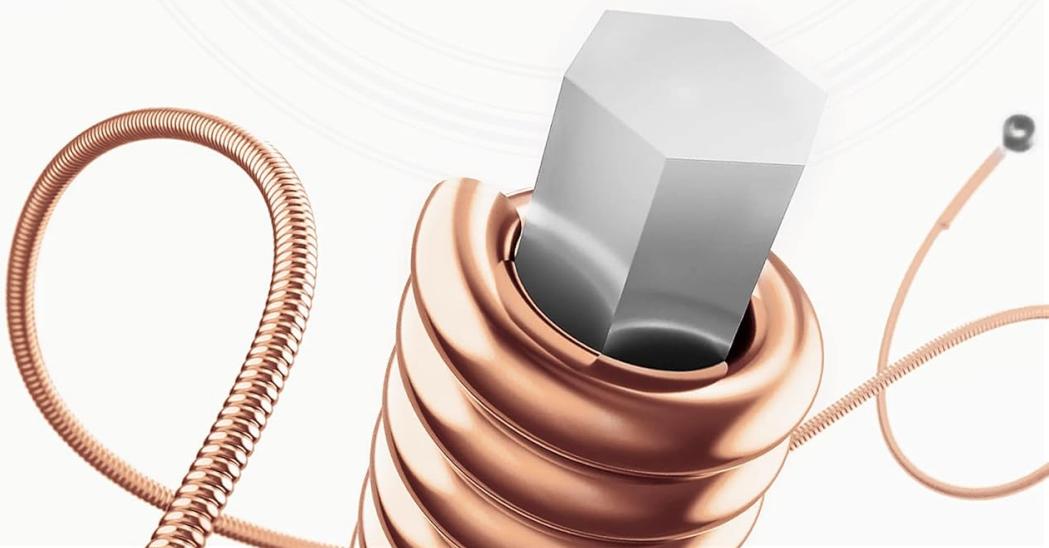


Figure 3: Visual representation of corrosion-resistant packaging, commitment to sustainability, and USA manufacturing, alongside a detailed view of a string's winding.

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.

2. Feed the other end of the string through the tuning machine post.
3. For optimal tuning stability, bend the string at a 90-degree angle approximately one post's width past the tuning post. Wind the string around the post, ensuring at least 2-3 wraps for the thicker strings and 3-4 wraps for the thinner strings.
4. Ensure each string is wound neatly downwards on the tuning post.



Figure 4: Close-up view of the string construction, highlighting the hexagonal core and precision winding.

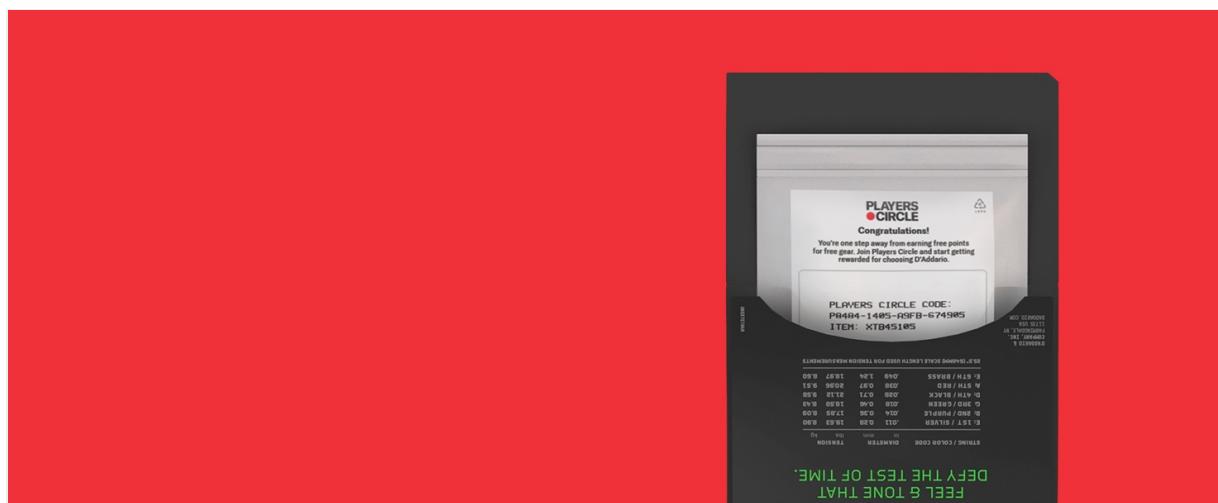


Figure 5: The color-coded ball ends assist in identifying individual string gauges during installation.

3.4 Tuning and Stretching

1. Tune each string to its correct pitch using an electronic tuner.
2. Once tuned, gently pull each string upwards away from the fretboard several times along its length. This helps to stretch the strings and seat them properly, improving tuning stability.
3. Re-tune the guitar after stretching. Repeat the stretching and tuning process a few times until the strings hold their pitch consistently.

4. USAGE AND CARE

4.1 Playing Tips

These strings are designed to offer a balanced and warm tone. Experiment with different playing dynamics and techniques to explore the full tonal range. The light gauge (12-53) provides a comfortable playing experience while maintaining good projection.

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

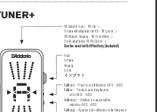
Specification	Detail
Brand	D'Addario
Model Number	EJ16
String Gauge	Light (12-53)
Number of Strings	6
String Material	Phosphor Bronze
Compatible Devices	6 String Acoustic Guitar
Item Weight	0.48 ounces
Product Dimensions	0.75 x 5 x 5 inches
ASIN	B000EEJ8CS
Date First Available	October 2, 2001

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

Related Documents - EJ16

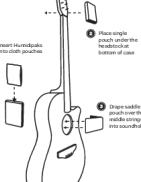
 ACOUSTIC GUITAR HUMIDIFIER <p>The D'Addario Acoustic Guitar Humidifier protects your guitar from damage caused by dry air, such as cracks, warped necks, and shrinkage. While maintaining your instrument's natural tone and feel, the D'Addario Acoustic Guitar Humidifier increases moisture evenly and slowly inside your guitar; yet never becomes saturated. The built-in hygrometer allows you to easily monitor the sponge when it becomes dry. The frequency of water changes may vary considerably depending on your specific atmospheric conditions.</p> <p>INSTRUCTIONS:</p> <ol style="list-style-type: none"> 1. Remove the sponge from the case. 2. Place the sponge inside the guitar. 3. Place the guitar in a cool, dry place. 4. Check the sponge daily and add water as necessary. 5. When the sponge is full, the water will stop rising. 	<p>D'Addario Acoustic Guitar Humidifier - Protect Your Instrument</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>
 AUTO LOCK GUITAR STRAP <p>INSTRUCTIONS:</p> <ol style="list-style-type: none"> 1. Place the strap in the groove of the strap lock. 2. Turn the strap clockwise until it locks. 3. Turn the strap in the opposite direction. <p>Strap located below neck of the instrument.</p>	<p>D'Addario Auto Lock Guitar Strap: Secure and Easy Attachment Instructions</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>
 AUTO-TRIM LOCKING TUNING MACHINES <p>The Auto-Trim Tuners are precision locking tuners designed especially for the guitar player. The unique design allows for a quick and easy installation, and the built-in lock allows for precise tuning. The Auto-Trim Tuners are designed for the guitar player, providing a quick and easy way to tune your instrument. The built-in lock allows for precise tuning, and the unique design allows for a quick and easy installation.</p> <p>INSTRUCTIONS:</p> <ol style="list-style-type: none"> 1. Turn the tuning pegs until the tuner is seated. 2. Pull string tight and tighten tuner locking knobs. 3. Turn the tuning pegs clockwise to the desired tuning. 	<p>D'Addario Auto-Trim Locking Tuning Machines: User Guide</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>
 Violin, Viola, Cello Survival Guide <p>Caring For Your Instrument & Bow</p> <p>Installing & Tuning Your Strings</p> <ul style="list-style-type: none"> • Preparation • Remove the Strings • Insert the New String • Tuning the Instrument • Tuning the Cello • String Stability 	<p>Violin, Viola, Cello Survival Guide: Care, Maintenance, and String Selection</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>
 PEDAL TUNER+ 	<p>D'Addario Pedal Tuner+ Accurate Guitar Pedal Tuning & Countdown Timer</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

STAY DRY

Follow these simple steps to activating Humidipak. If your instrument or hard shell (Case) guitar case is in a known very dry environment or hard shell (Case) guitar case is in a known very dry environment, activate the Humidipak pouches and increase proper humidity level before using Humidipak Maintain.

- 1 Open the outer packaging on your Humidipak pouches.
- 2 Insert one in each end of the saddle neck and one in the headstock neck. If you are using Humidipak with guitar case, hang the pouches inside the body of the guitar. If you are using Humidipak with guitar case, hang the pouches inside the guitar case. If you are using Humidipak with guitar case, hang the pouches inside the guitar case. If you are using Humidipak with guitar case, hang the pouches inside the guitar case.
- 3 If your instrument is a guitar with a neck soundhole, insert the pouches in the neck soundhole. If your instrument is a guitar with a neck soundhole, insert the pouches in the neck soundhole. If your instrument is a guitar with a neck soundhole, insert the pouches in the neck soundhole.
- 4 Place the headstock neck pouch under the headstock neck case.
- 5 When the pouches are full, they are depleted of moisture and should be discarded and replaced with fresh pouches.



[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.