

## ABM 2400c-RO

# ABM 2400c-RO Rollerbridge Chrome Instruction Manual

Model: 2400c-RO

## 1. PRODUCT OVERVIEW

The ABM 2400c-RO Rollerbridge is a high-quality guitar bridge designed for precise string intonation and smooth string movement. Milled from solid brass and finished in chrome, this bridge offers durability and a classic aesthetic. Its roller saddles minimize friction, enhancing tuning stability and reducing string breakage.



Figure 1.1: Top-down view of the ABM 2400c-RO Rollerbridge, showcasing its chrome finish and individual roller saddles.



Figure 1.2: Angled view of the ABM 2400c-RO Rollerbridge, highlighting the design of the roller saddles and the overall robust construction.



Figure 1.3: Included accessories for the ABM 2400c-RO Rollerbridge, featuring mounting bolts and a hex key for adjustments.

## 2. SPECIFICATIONS

<b>Material</b>	Solid Brass
<b>Surface Finish</b>	Chrome
<b>Bolt Spacing</b>	71.7 - 75 mm
<b>String Spacing</b>	10.4 mm
<b>Number of Strings Supported</b>	6
<b>Included Accessories</b>	4mm bolts (on M5), M5 bolts, Hex key
<b>Manufacturing Origin</b>	Germany

*Note: Some specifications from the product listing (e.g., "Fretboard Material: Mahogany Wood", "Top Material: Mahogany Wood", "Bridge Type: Tremolo") appear to be generic or miscategorized for a guitar bridge. The specifications listed above are directly relevant to the bridge itself.*

## 3. SETUP AND INSTALLATION

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The ABM 2400c-RO Rollerbridge is designed as a replacement or upgrade for guitars utilizing a tune-o-matic style bridge with specific bolt spacing. Professional installation is recommended for optimal performance and to prevent damage to your instrument.

### 3.1 Pre-Installation Check

- Ensure your guitar's bridge posts are compatible with the included 4mm and M5 bolts.
- Verify that the bolt spacing on your guitar (71.7 - 75 mm) matches the bridge's specifications.
- Confirm the string spacing (10.4 mm) is suitable for your guitar's neck and string alignment.

### 3.2 Installation Steps

1. Carefully remove the old bridge from your guitar, if applicable. Loosen strings completely before removal.
2. Install the appropriate mounting bolts into your guitar's bridge posts. Ensure they are securely seated.
3. Place the ABM 2400c-RO Rollerbridge onto the installed bolts. The bridge should sit firmly without excessive play.
4. Re-string your guitar. Do not fully tension the strings yet.
5. Proceed to Section 4 for initial adjustments.

## 4. OPERATING AND ADJUSTMENT

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The rollerbridge design allows for smooth string movement and precise intonation. Adjustments are made using the included hex key and standard guitar setup tools.

### 4.1 String Height Adjustment

String height (action) is adjusted by raising or lowering the bridge posts. Use a suitable tool to turn the bridge post screws. Adjust incrementally and check playability and fret buzz.

### 4.2 Intonation Adjustment

Each saddle on the rollerbridge can be adjusted individually for intonation. Use the included hex key to turn the small screws located at the back of each saddle. Move the saddle forward to sharpen the note or backward to flatten it. Tune the string, check the intonation at the 12th fret, and adjust as needed until the open note and 12th fret harmonic/fretted note match.

### 4.3 Lateral Adjustment (String Flow)

The ABM 2400c-RO features lateral adjustment for adapting to string flow. This allows for fine-tuning the horizontal position of the bridge to ensure optimal string alignment over the pickups and fretboard. Consult a guitar technician if you are unsure about this adjustment.

## 5. MAINTENANCE

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Proper maintenance will ensure the longevity and performance of your ABM Rollerbridge.

- **Cleaning:** Wipe the bridge regularly with a soft, dry cloth to remove dust, sweat, and grime. For stubborn dirt, a slightly damp cloth can be used, followed immediately by drying. Avoid abrasive cleaners or solvents.

- **Lubrication:** Periodically apply a small amount of graphite or a specialized lubricant to the roller saddles to ensure smooth string movement and reduce friction.
- **Inspection:** Regularly inspect the bridge for any signs of wear, loose screws, or damage. Ensure all saddles move freely.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter with your rollerbridge.

### 6.1 Tuning Instability

- **Cause:** Friction at the saddles, nut, or tuning machines.
- **Solution:** Ensure roller saddles are clean and lubricated. Check the guitar's nut for binding and tuning machines for proper function.

### 6.2 Fret Buzz

- **Cause:** String action too low.
- **Solution:** Raise the bridge height slightly by adjusting the bridge posts (refer to Section 4.1). Also check neck relief.

### 6.3 Poor Intonation

- **Cause:** Saddles are not correctly positioned.
- **Solution:** Follow the intonation adjustment steps in Section 4.2 precisely. Ensure strings are new and stretched.

## 7. WARRANTY AND SUPPORT

Information regarding specific warranty terms for the ABM 2400c-RO Rollerbridge is not available in the provided product details. For any warranty claims or technical support, please contact ABM directly or the authorized dealer from whom you purchased the product.

When contacting support, please have your product model (2400c-RO) and purchase information readily available.

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This manual is for informational purposes only. ABM is not responsible for any damage or injury resulting from improper installation or use.

Documents - ABM – 2400c-RO



#### [ABM 2400-RO Roller Bridge: Features, Installation, and Compatibility Guide](#)

Comprehensive guide to the ABM 2400-RO Roller Bridge by ABM, detailing its features, universal mounting options, technical specifications, assembly tips, and troubleshooting for guitarists. High-quality German guitar parts.

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