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> Muzata Side Mount Cable Railing Post PF02 LH4S 36 Inch User Manual

Muzata PF02

Muzata Side Mount Cable Railing Post PF02 LH4S 36 Inch User Manual

Model: PF02 LH4S | Brand: Muzata

1. PRODUCT OVERVIEW

The Muzata Side Mount Cable Railing Post (Model PF02 LH4S) is a 36-inch square post designed for side-mounted installation on horizontal sections of decks, stairs, porches, balconies, and fences. It features pre-drilled level holes for cable installation and is constructed from high-quality T304 stainless steel, offering excellent rust resistance for both indoor and outdoor applications.

Safe, Simple, Sleek

Regulation Compliant

Over 200 lbs of force / post



Weldless Design

Screw-in, easy to install



Smooth Edges

Polished edges reduce the risk of injury

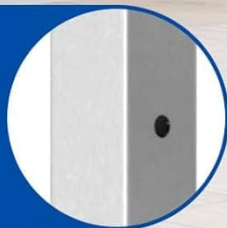


Figure 1: Key features of the Muzata Side Mount Cable Railing Post, highlighting regulation compliance, weldless design for easy installation, and smooth edges for safety.

Key Features:

- **Side-mounted Installation:** 36-inch square post with a brushed finish, designed for installation against the side of a landing. Pre-drilled with 10 pairs of level holes for horizontal sections.
- **Material:** High-quality T304 stainless steel for excellent rust resistance and long-term durability.
- **Applications:** Suitable for indoor and outdoor use, including decks, stairs, porches, balconies, and fences.
- **Space-Saving Design:** Side mount posts maximize usable deck or stair tread space compared to top-mount posts.
- **Code Compliance:** Designed with 3-inch cable spacing. Consult local building codes for specific requirements.

Space Saving

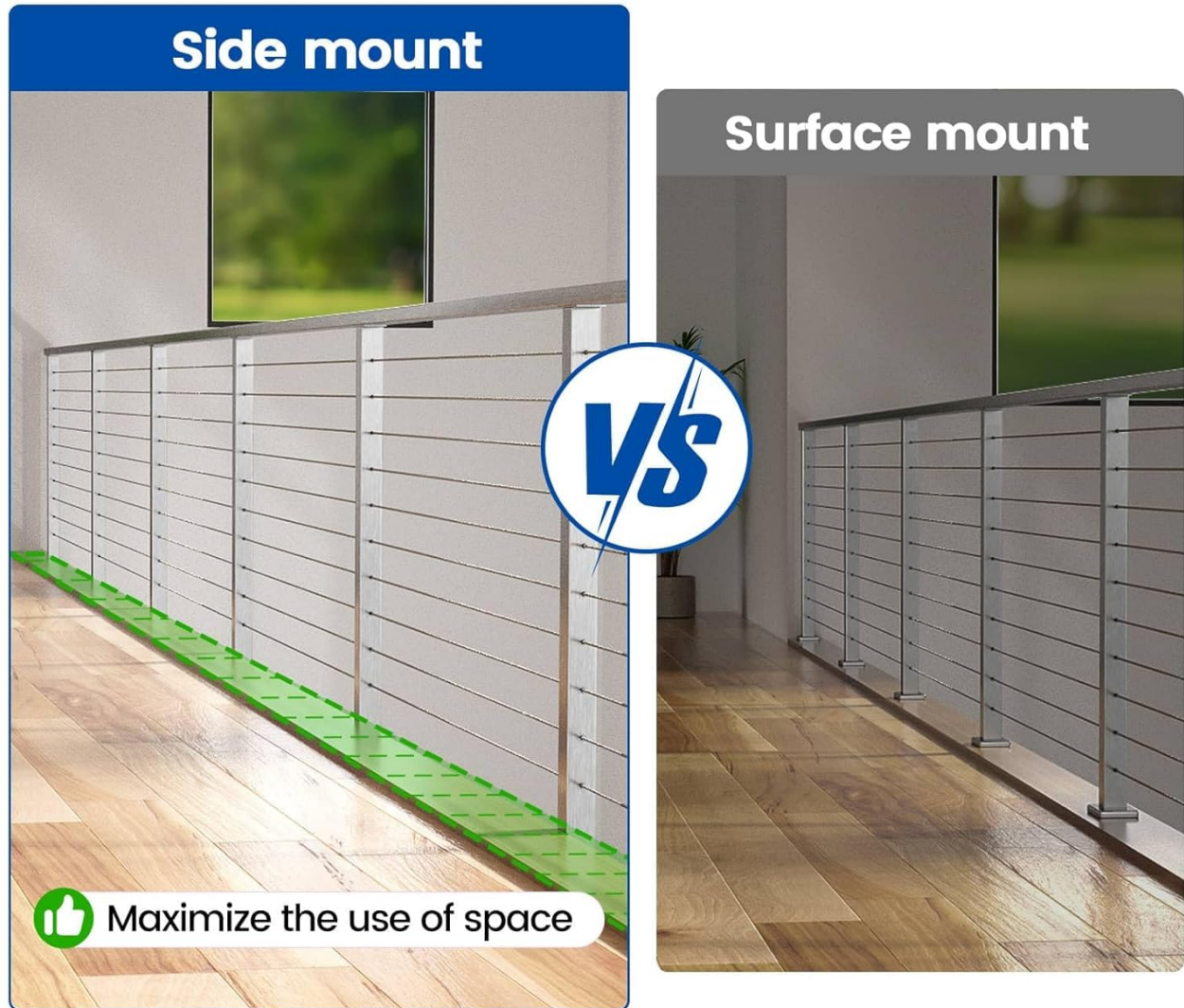


Figure 2: Visual comparison illustrating how side-mounted posts (left) maximize usable space on a deck or stair tread compared to surface-mounted posts (right).

2. IMPORTANT SAFETY INFORMATION

Read all instructions carefully before installation. Failure to follow these instructions may result in injury or product damage. Always wear appropriate personal protective equipment (PPE) during installation, including safety glasses and gloves.

- **Local Building Codes:** It is crucial to consult local building offices regarding specific requirements and regulations for cable railing systems in your area. Code compliance may vary by state and region.
- **Environmental Limitations:** This PF02 post is not suitable for projects located within 10 miles of the sea or saltwater areas due to potential corrosion risks.
- **Post Spacing:** Generally, the span between two structural posts should not exceed 4 feet to pass the 4-inch sphere test, ensuring safety and compliance.
- **Secure Installation:** Ensure all fasteners are tightened securely to prevent movement or instability of the railing system.

3. PACKAGE CONTENTS

Verify that all components listed below are present and undamaged before beginning installation.

Suitable for Horizontal Scenarios

* Handrail not Included

Level-drilled holes

Side view

Top view

<div style="display: flex; justify-content: center; align-items: center;"> x1 </div> <p style="text-align: center;">Fixed top bracket</p>	<div style="display: flex; justify-content: center; align-items: center;"> x1 </div> <p style="text-align: center;">Bottom stopper</p>	<div style="display: flex; justify-content: center; align-items: center;"> x2 </div> <p style="text-align: center;">ST8x80mm lag screw</p>	
<div style="display: flex; justify-content: center; align-items: center;"> x1 </div> <p style="text-align: center;">5/16" H Side mount spacer</p>	<div style="display: flex; justify-content: center; align-items: center;"> x1 </div> <p style="text-align: center;">User guide</p>	<div style="display: flex; justify-content: center; align-items: center;"> x1 </div> <p style="text-align: center;">Allen wrench</p>	
<div style="display: flex; justify-content: center; align-items: center;"> x1 </div> <p style="text-align: center;">Nut setter</p>			<div style="display: flex; justify-content: center; align-items: center;"> </div> <p style="text-align: center;">Related accessories included</p>

Figure 3: Detailed view of the Muzata Side Mount Cable Railing Post and its included accessories, such as the fixed top bracket, bottom stopper, side mount spacer, lag screws, Allen wrench, nut setter, and user guide.

Item	Description	Quantity
Cable Railing Post (36")	Pre-drilled square post for side mounting	1
Fixed Top Bracket	For securing flat handrails to the post	1
Bottom Stopper	Secures the base of the post	1
Side Mount Spacer	Provides proper spacing for side mounting	1
ST8x80mm Lag Screws	For securing the post to wood surfaces	2
Allen Wrench	Tool for assembly	1

Item	Description	Quantity
Nut Setter	Tool for tightening nuts	1
Related Accessories	Additional small parts (e.g., adhesive wafers)	Varies
User Guide	This instruction manual	1

4. INSTALLATION GUIDE

This section provides detailed instructions for installing your Muzata Side Mount Cable Railing Post. Ensure you have all necessary tools and safety equipment before proceeding.

4.1. General Installation Overview

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Video 1: An overview of the Muzata SpaceSaver cable railing system, demonstrating its side-mounted design for maximizing space on decks and stairs, weldless connections, weather protection, and general system components. This video also highlights related items that may be purchased separately.

4.2. Installing the Side Mount Post

The following video provides a step-by-step guide for installing the fascia side mount post.

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Video 2: Detailed installation guide for the Muzata fascia side mount post. This video covers measuring, drilling pilot holes, securing the post to wood or concrete surfaces using appropriate fasteners, and covering the mounting holes with adhesive wafers for a clean finish. It also demonstrates handrail and cable installation.

Step-by-Step Instructions:

- Measure and Mark:** Determine the precise location for each post. Ensure the post will be vertical to the deck surface. Mark the drilling points for the mounting screws.
- Drill Pilot Holes:** For wood surfaces, drill pilot holes using a 5/16" (7mm) drill bit. For concrete, brick, or stone surfaces, use an appropriate masonry drill bit and expansion bolts (sold separately).
- Install the Post:** Align the side mount spacer and the post with the drilled holes. Secure the post using the provided ST8x80mm lag screws for wood, or expansion bolts for concrete/brick/stone. Ensure the post is plumb using a level.
- Tighten Fasteners:** Use the Allen wrench and nut setter to securely tighten all screws/bolts. Do not overtighten.
- Cover Holes:** Apply the adhesive wafers over the exposed screw heads for a clean and finished appearance.

4.3. Handrail and Cable Installation (General Guidance)

Once the posts are securely installed, proceed with handrail and cable installation. Refer to the specific instructions provided with your Muzata handrail and cable kits for detailed steps.

- Handrail Attachment:** Attach the handrail to the fixed top bracket using appropriate fasteners. Ensure the handrail is level and securely fastened.
- Cable Threading:** Thread the cable through the pre-drilled holes in the posts.
- Tensioning:** Use cable tensioners (e.g., Muzata CR23) and tools (e.g., hydraulic crimper CT01, cable cutter

CR12) to secure and tension the cables. Follow the recommended sequence for tightening cables to ensure even tension and structural integrity.

System Recommendation

Muzata MetalBudget cable railing system

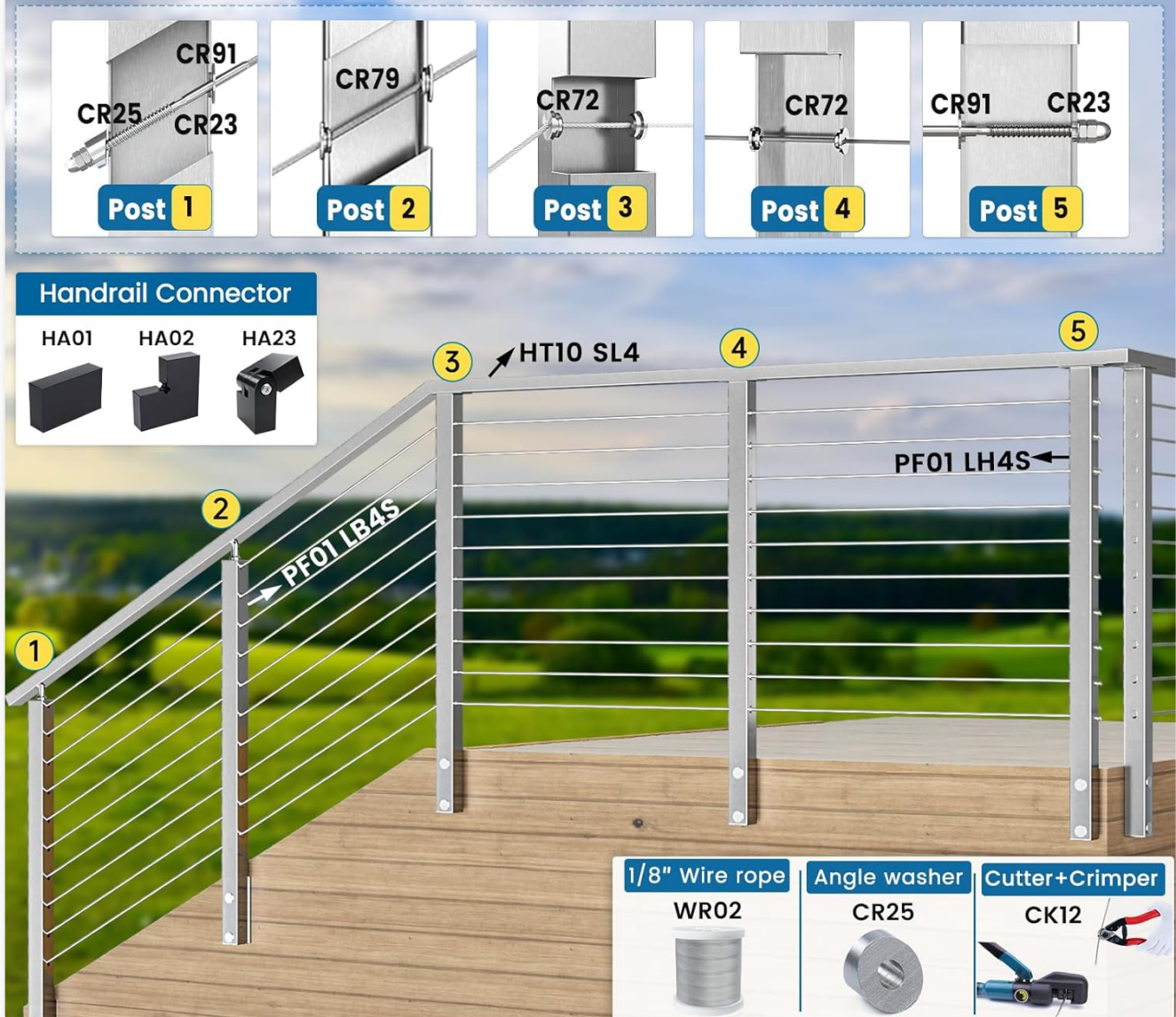


Figure 4: A system recommendation diagram illustrating various Muzata components for a complete cable railing system, including different post types, handrail connectors (HA01, HA02, HA23), wire rope (WR02), protector sleeves (CR72, CR79, CR91), angled washers (CR25), and tools like cable cutters (CK12) and hydraulic crimpers (CT01).

5. CARE AND MAINTENANCE

Regular maintenance will ensure the longevity and appearance of your Muzata cable railing system.

- **Cleaning:** Clean stainless steel components regularly with a soft cloth and mild soap and water. Avoid abrasive cleaners or harsh chemicals that can damage the finish.
- **Inspection:** Periodically inspect all posts, cables, and fasteners for any signs of wear, damage, or loosening. Tighten any loose connections immediately.
- **Corrosion Prevention:** While T304 stainless steel is rust-resistant, it is not entirely corrosion-proof in all environments. For installations in coastal or high-salinity areas (though not recommended for this specific post), more frequent cleaning and specialized stainless steel protectants may be necessary.



Figure 5: This image emphasizes the long-term durability of the cable railing system, showcasing its resilience in various weather conditions (sunny and rainy) and highlighting benefits such as T304 stainless steel construction, UV resistance, rust resistance, and ease of maintenance.

6. TROUBLESHOOTING

If you encounter any issues during or after installation, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Post is not plumb/vertical	Improper measurement or tightening	Loosen fasteners, adjust post with a level, then re-tighten securely.
Cables are sagging	Insufficient tension	Re-tension cables using appropriate tools, following the recommended tightening sequence.
Rust spots appear on posts	Exposure to harsh chemicals or saltwater (if applicable)	Clean with a stainless steel cleaner. Avoid harsh chemicals. Ensure proper environmental conditions for T304 steel.

Problem	Possible Cause	Solution
Handrail feels loose	Loose connection to post bracket	Inspect and tighten all fasteners connecting the handrail to the post bracket.

7. PRODUCT SPECIFICATIONS

Attribute	Detail
Brand	Muzata
Model Number	PF02
Material	Stainless Steel 304
Item Dimensions (L x W x H)	3 x 3 x 44.5 inches (Note: 36" post height, 44.5" total length including base)
Color	Brushed
Shape	Square
Item Thickness	2 Inches
Cable Spacing	3 inches (pre-drilled)
UPC	706597341891

8. SUPPORT AND WARRANTY

Muzata is committed to providing quality products and professional service. If you require assistance with your cable railing project, have questions during installation, or need after-sales support, please contact us.

8.1. Personalized Design Service

Muzata offers a free personalized railing design service. If you are a beginner or unsure about planning your railing project, you can provide a simple sketch and answer a few questions. Our engineers will assist you in designing the entire railing project and recommend the correct products. After the solution is confirmed, you will receive a shopping list with prices and a total budget.

8.2. Technical Support

Our experienced technical support team is available to assist you with any questions or challenges you may encounter during installation. You can find tutorial videos on our website or contact us directly for personalized help.

8.3. Contact Information

To reach Muzata for support or design services, please visit the [Muzata Store on Amazon](#) or use the contact options provided on the product page (e.g., 'Ask a question' to the seller).

