



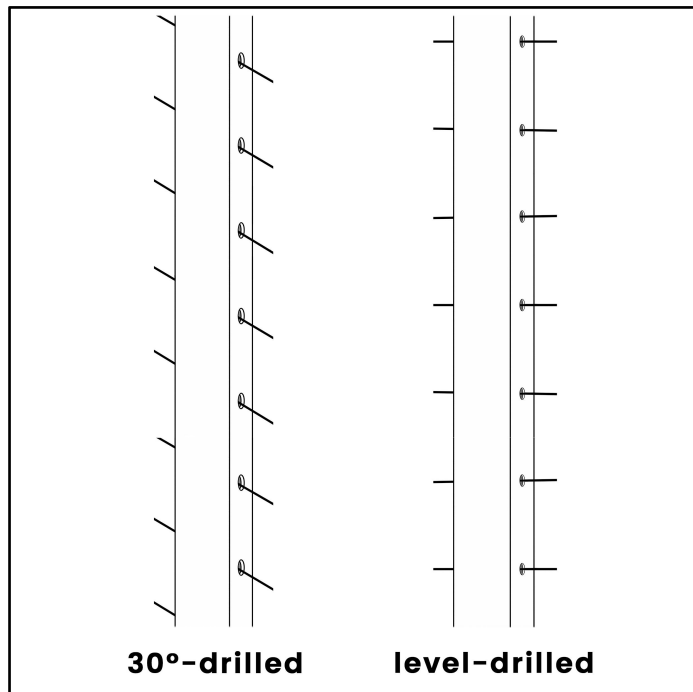
Adjustable Top Post PS01 User Guide

1. Overview

Muzata's adjustable-top post PS01 is a great choice for building your cable railing project. Its weldless design saves time on installation while the T304 stainless steel provides excellent rust resistance. This post is specifically designed for stair sections, presenting a nice and durable cable railing system.

2. Specifications

Each color is available in two types of posts, level-drilled and 30°-drilled.

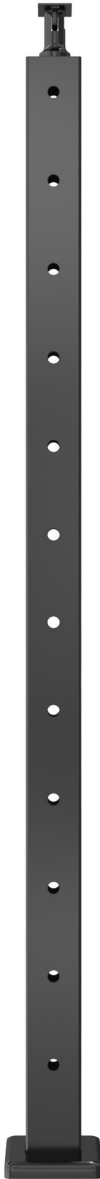


	Specification	Finishing	Hole Type	Model
36" cable railing posts	33"x2"x2" (36" total height of post and handrail)	Black powder-coated	level-drilled	PS01 BH4S
			30°-drilled	PS01 BA4S
		Brushed	level-drilled	PS01 LH4S
			30°-drilled	PS01 LA4S
42" cable railing posts	39"x2"x2" (42" total height of post and handrail)	Black powder-coated	level-drilled	PS01 BH4L
			30°-drilled	PS01 BA4L

3. Items related

For your convenience, we have provided a list of items included in the post packaging below.

1



Adjustable-top post
Work as support posts

2



M8 Lag screw
For fixing posts and wood floor

3



Adjustable-top bracket
For connecting posts and handrails

4



M5 lag screw
For wood handrails

5



M5 bolts
For metal handrails

6



Foot cover
For hiding the bottom of the post

7



5mm Allen wrench
For connecting posts and brackets

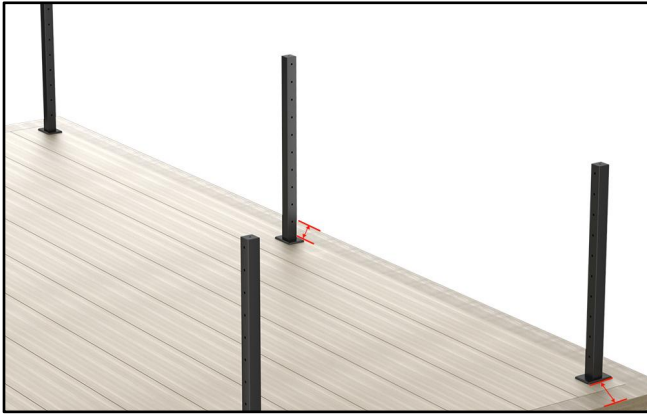
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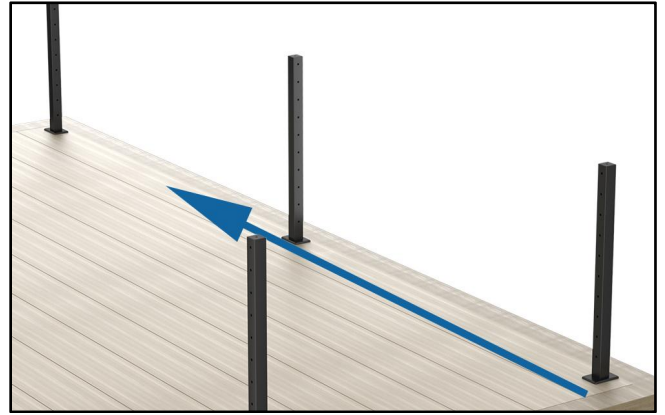
4mm Allen wrench
For connecting brackets

4. Installation Steps

(1) Cable Railing Posts Installation



Step 1 - Determine the distance between the foot plate and the edge of the deck.



Step 2 - Draw a horizontal line to ensure that the posts **1** are aligned.



Step 3 - Mark the hole positions.



Step 4 - Drill 1/4" pilot holes.



Step 5 - Thread the four screws **2** through the washer and tighten them with a wrench.



Step 6 - Install the foot cover **6**.

(2) Brackets Installation

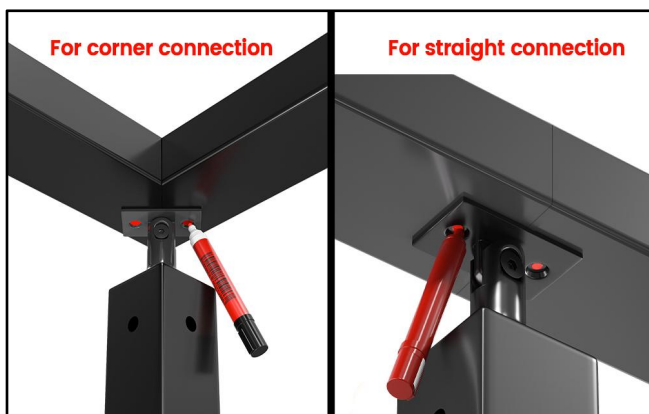


Step 1 - Install the bracket base to the post with 5mm allen wrench **7**.

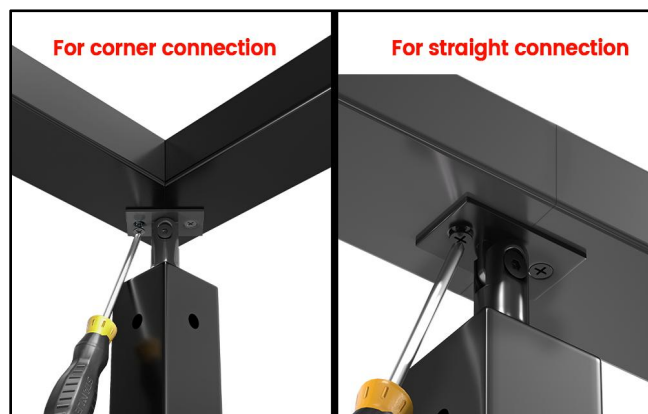


Step 2 - Assemble the bracket top to the base with 4mm allen wrench **8** and screws.

(3) Handrails Installation



Step 1 - Place the handrail above the adjustable top bracket **3** and mark the hole positions.

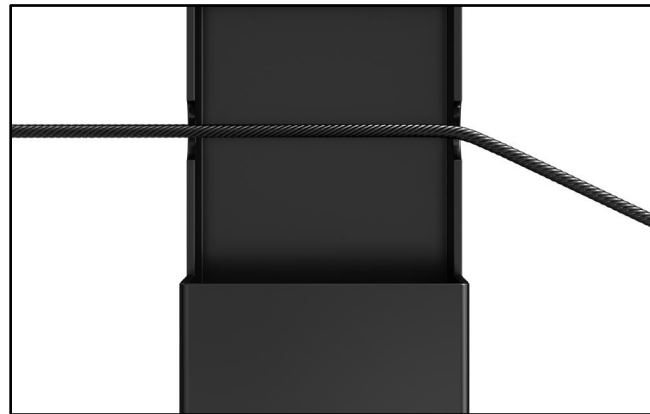


Step 2 - Drill the holes, connect the handrail and bracket with screws **4** (for wood handrails) or **5** (for metal handrails).

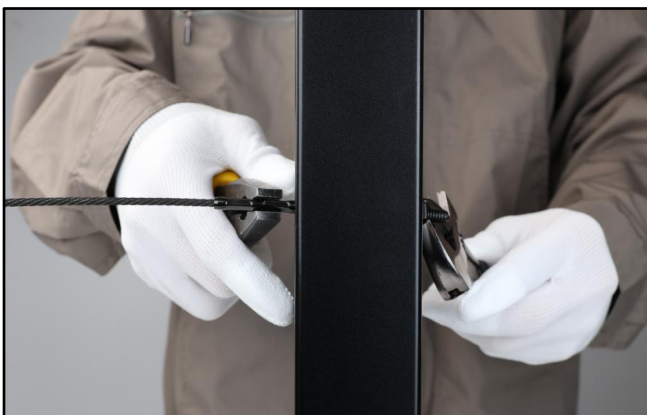
(4) Cable Infillings Installation



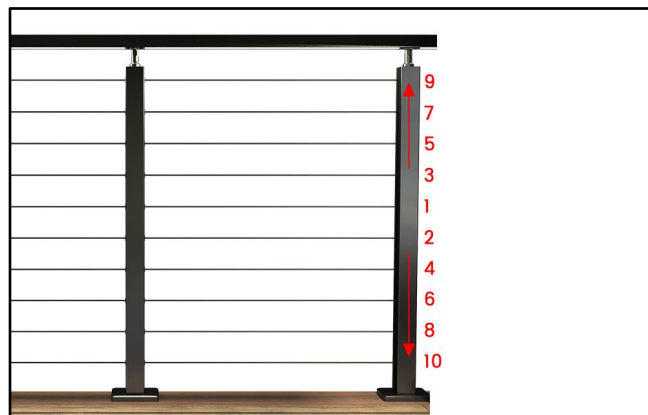
Step 1 - Crimp the terminal with cable and install the terminal as fixed end.



Step 2 - Straighten the wire rope to the opposite end post, measure, mark, and cut the wire rope.



Step 3 - Crimp the tensioner with cable and install the tensioner. Tighten the cable with wrench to achieve the required tension.



Step 4 - Follow the sequence to install other cable runs.

Please note that installation videos are available on our product pages for further details if needed.

5. Tips

- (1) Please make sure the post is perpendicular to the ground before the installation.
- (2) The recommended post spacing between two posts is 3ft-4ft, no more than 4ft. For our 6'6" handrails, it would be best to adopt 3'3" post spacing.
- (3) 3" cable spacing and 200 lbs tension on each cable line are recommended in order to pass the 4" sphere test (required by some states). You can buy a tension gauge online or from local stores.
- (4) You might have to buy a few more materials than expected in case some materials might not be reusable after operation mistakes.

6. Free design service

We offer custom cable railing design service for free. If you are a beginner or not sure about how to do it, please reach us. Our experts can do all the planning, designing and budget work for you without extra charging.

7. About Muzata

MUZATA has helped millions of families with their cable railing projects during the past years. We believe that home renovation should be easy and affordable. So we work with every effort to provide quality products and professional service, to make Muzata a reliable brand.

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