



StarTech 4POSTRACKxU Adjustable 4 Post Open Frame Server Rack User Manual

[Home](#) » [StarTech](#) » StarTech 4POSTRACKxU Adjustable 4 Post Open Frame Server Rack User Manual 

Contents

- [1 StarTech 4POSTRACKxU Adjustable 4 Post Open Frame Server Rack User Manual](#)
- [2 Compliance Statements](#)
- [3 Warning Statements](#)
- [4 Product Diagram](#)
 - [4.1 Expanded View](#)
- [5 Package Contents](#)
- [6 Requirements](#)
- [7 Installation](#)
- [8 Set the Mounting Depth](#)
- [9 Mounting Depth Chart](#)
- [10 Assemble the Rack](#)
- [11 Install the Leveling Feet](#)
- [12 Install the Casters](#)
- [13 Install the Cable Management Hooks](#)
- [14 Ground the Rack](#)
- [15 Operation](#)
- [16 Warranty Information](#)
- [17 Limitation of Liability](#)
- [18 Hard-to-find made easy. At StarTech.com, that isn't a slogan. It's a promise.](#)
- [19 Reviews](#)
- [20 StarTech.com Ltd. StarTech.com LLP StarTech.com Ltd.](#)
- [21 Read More About This Manual & Download PDF:](#)
- [22 Documents / Resources](#)
 - [22.1 References](#)
- [23 Related Posts](#)

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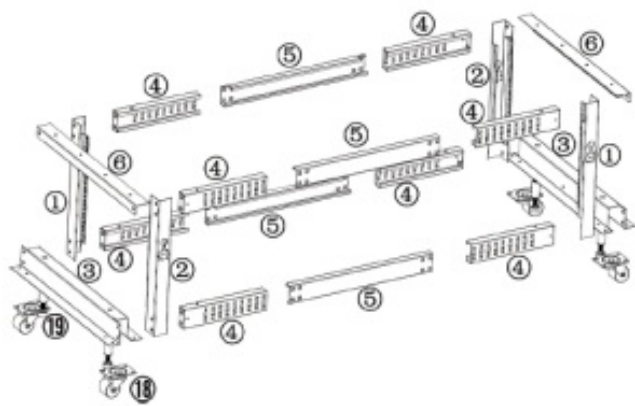
PHILLIPS® is a registered trademark of Phillips Screw Company in the United States or other countries.

Warning Statements

- Make sure that you assemble this product according to the instructions.
- Do not exceed the weight capacity of this product. Overloading this product might result in injury or property damage. This product can support the following weight: Stationary = 1200 lb. (544 kg) Rolling = 660 lb. (300 kg).
- This product is intended for indoor use only and should not be used outdoors.
- This enclosure is extremely heavy. Never attempt to move or lift this enclosure without assistance.
- Tipping hazard! Extending multiple components from this enclosure increases the chance that the enclosure will tip over. To avoid this risk, do not extend more than one component from the enclosure.
- Do not place any items on this enclosure and do not stack the enclosure on top of another enclosure.
- Keep liquid away from this enclosure.
- Make sure that you install the enclosure in an area that can handle the combined weight of the enclosure and the equipment that you intend to place inside of the enclosure.
- This product requires an earth ground connection. Do not use this product without an earth ground connection.

Product Diagram

Expanded View



1	Left Vertical Rails (x 2)	5	Center Sections (x 4)
2	Right Vertical Rails (x 2)	6	Top Brackets (x 2)
3	Base Brackets (x 2)	18	Casters (x 4)
4	Corner Sections (x 8)	19	Leveling Feet (x 4)

Package Contents



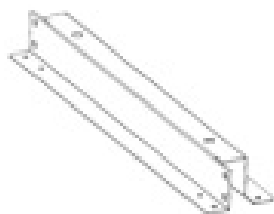
Left Vertical Rail

Qty: 2



Right Vertical Rail

Qty: 2



Base Bracket

Qty: 2



Corner Section

Qty: 8



Center Section

Qty: 4



Top Bracket

Qty: 2



M8 Bolt

Qty: 50



M8 Washer

Qty: 50



10 mm Wrench

Qty: 1



13 mm Wrench

Qty: 1



Phillips Head Screwdriver
Qty: 1



M6 Cage Nuts
8U/12U/15U/18U Qty: 24
25U Qty: 32
42U Qty: 50



M6 Plastic Washers
8U/12U/15U/18U Qty: 24
25U Qty: 32
42U Qty: 50



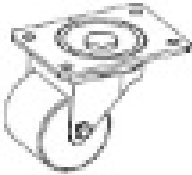
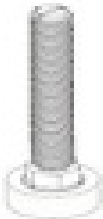
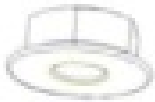
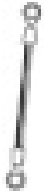
M6 Phillips Head Screw
8U/12U/15U/18U Qty: 24
25U Qty: 32
42U Qty: 50



Cable Management Hooks
8U/12U Qty: 4
15U/18U Qty: 8
25U Qty: 12
42U Qty: 24



Hook Mounting Screws
8U/12U Qty: 4
15U/18U Qty: 8
25U Qty: 12
42U Qty: 24

 Casters Qty: 4	 Leveling Feet Qty: 4
 M6 Screws Qty: 18	 M6 Flat Washers Qty: 18
 M6 Flange Nut Qty: 18	 Grounding Wires Qty: 4

 M6 Grounding Wire Bolts Qty: 4	 M6 Grounding Wire Lock Washers Qty: 4
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Requirements

For the latest requirements please visit www.startech.com/4POSTRACKxxU.

- Pliers (sold separately)
- 14 mm Wrench (sold separately)
- Two People (for assembly)
- Earth Ground Connection
- (Optional) Spirit/Bubble Level (sold separately)

Installation

Note: Two people are required for the Rack assembly.

Set the Mounting Depth

1. Align the Corner Sections (x 2) with the Center Sections (x1) and slide the Corner Sections overtop of the Center Sections. (Figure 1)



Figure 1

2. Determine the maximum required mounting depth for the Rack Mountable Equipment. Review the Mounting Depth Chart to determine the Setting Numbers that are required for the application.

Mounting Depth	Setting Numbers		Mounting Depth	Setting Numbers
22 in.	0 and 0		32 in.	5 and 5
23 in.	1 and 0		33 in.	5 and 6
24 in.	1 and 1		34 in.	6 and 6
25 in.	1 and 2		35 in.	6 and 7
26 in.	2 and 2		36 in.	7 and 7
27 in.	2 and 3		37 in.	7 and 8
28 in.	3 and 3		38 in.	8 and 8
29 in.	3 and 4		39 in.	8 and 9
30 in.	4 and 4		40 in.	9 and 9
31 in.	4 and 5			

Mounting Depth Chart

- Slide the Corner Sections (x 2), inward along the Center Sections (x1), and align the Setting Numbers on the Center
Sections with the first Rectangular Cutout on the Corner.
- Insert eight M8 Bolts through eight M8 Washers and into the holes in the Corner Sections (x2) and Center
Sections. (Figure 3)
- Tighten the M8 Bolts on the Centre Section Assembly using the 13 mm Wrench.

Assemble the Rack

1. Place one Left Vertical Rail and Right Vertical Rail on the ground so that they are parallel to one another.
Note: The rack height numbers should be facing outwards and up.
2. Insert one Center Section Assembly between the bottom of the Left Vertical Rail and the Right Vertical Rail.
Ensure the holes in the ends of the Center Section Assembly align with the holes in the bottom of the Left Vertical Rail and the Right Vertical Rail.
Note: The Setting Numbers on the Center Section Assembly should be facing the ground.
3. Lift a Base Bracket so that it is vertical and align the two holes in the side with the two holes in the Vertical Rail and Center Section Assembly.
4. Insert two M8 Bolts through two M8 Washers and into the holes in the Base Bracket, Vertical Rails, and the Center Section Assembly. Repeat for the other side of the Base Bracket. (Figure 4)

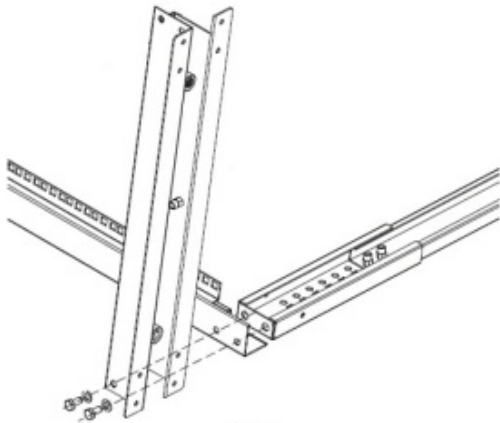


Figure 4

5. Tighten the M8 Bolts using the 13 mm Wrench.
6. Repeat steps 3 to 5 to install the second Base Bracket.
7. Lift the current assembly of parts upright.
8. Slide a second Center Section Assembly between the other side of the Base Brackets. (Figure 5)
Note: The Setting Numbers on the Center Section Assembly should be facing the outside of the Rack.

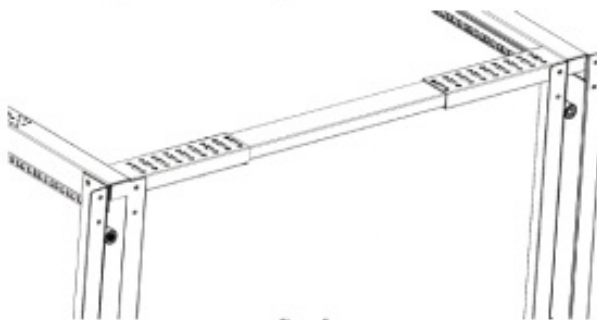
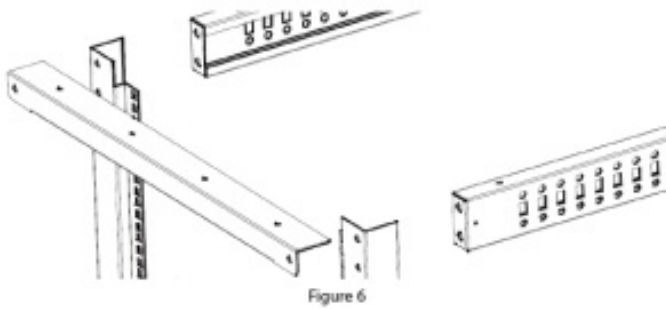
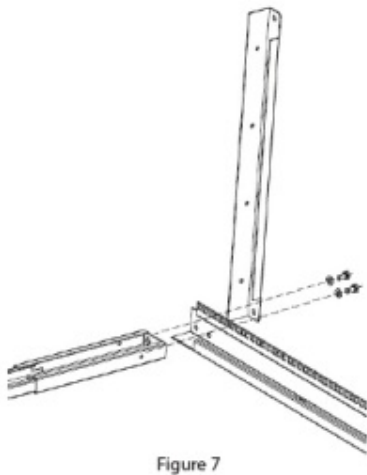


Figure 5

9. Slide the Left Vertical Rail between the Base Bracket and the Center Section Assembly.
Note: The rack height numbers on the Left Vertical Rail should be facing upright
10. Insert two M8 Bolts through two M8 Washers and into the holes in the Base Bracket that align with the Vertical Rails and the Center Section Assembly.
11. Tighten the M8 Bolts using the 13 mm Wrench.
12. Repeat steps 9 to 11 to install the Right Vertical Rail.
13. Slide a Center Section Assembly between the top of the Vertical Rails on the left-hand side of the Rack.
14. Slide a Center Section Assembly between the top of the Vertical Rails on the right-hand side of the Rack.
15. Place one Top Bracket on the top front side of the Rack. (Figure 6)



16. Place a second Top Bracket on the top rear side of the Rack.
17. Insert eight M8 Bolts through eight M8 Washers and into the holes in the Top Brackets and the tops of the Vertical Rails. (Figure 7)
18. Tighten the M8 Bolts using the 13 mm Wrench.



Install the Leveling Feet

Note: Flip the Rack onto its side to complete this step.

1. Insert the four Leveling Feet into the four holes located in the bottom of each Base Bracket.
2. Tighten each one of the Leveling Feet by hand, or with a 14 mm Wrench. (Figure 8)

Install the Casters

Notes: Flip the Rack onto its side to complete this step.
Two people may be required to complete this step.

1. Align the four holes in a Caster with the four holes in the bottom of the Rack.
2. Insert four M6 Screws through four M6 Flat Washers and down through the holes in the Rack
3. Thread four M6 Flange Nuts onto the M6 Screws. (Figure 8)

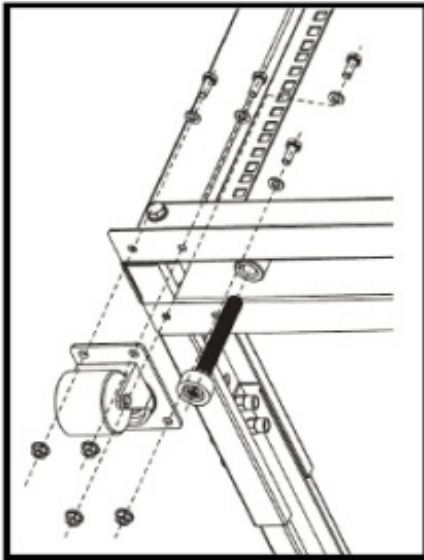


Figure 8

4. Hold the M6 Screws with the Pliers and tighten the M6 Flange Nuts with the 10 mm Wrench.

Note: The M6 Screws will freely rotate if they are not held to prevent rotation.

5. Repeat steps 1 to 4 to install the three remaining Casters.

Install the Cable Management Hooks

1. Align the Cable Management Hooks with the Cable Mounting Screw Holes along the back of the Rack.
2. Insert a Hook Mounting Screw through the Rack and into the Cable Management Hook. (Figure 9)

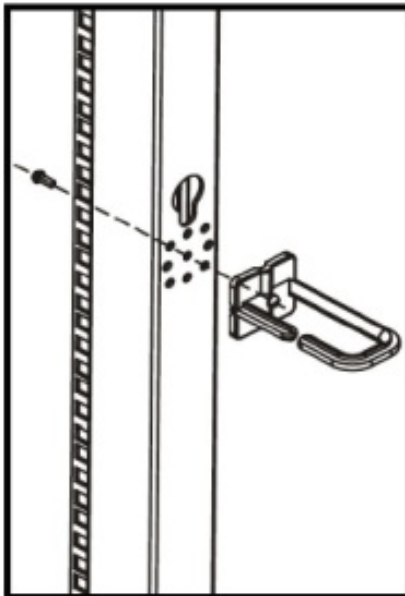


Figure 9

3. Using the Phillips Head Screwdriver, tighten the Hook Mounting Screw, being careful not to over-tighten.]
4. Repeat steps 1 to 3 to install the remaining Cable Management Hooks.

Ground the Rack

1. Insert an M6 Screw through the Grounding Point on the Grounding Wire and into the Ground Hole located on the bottom of the Rack. (Figure 10)
2. Run the Grounding Wire under the Rack's Frame.

3. Connect the Grounding Wire to an Earth Ground Connection.

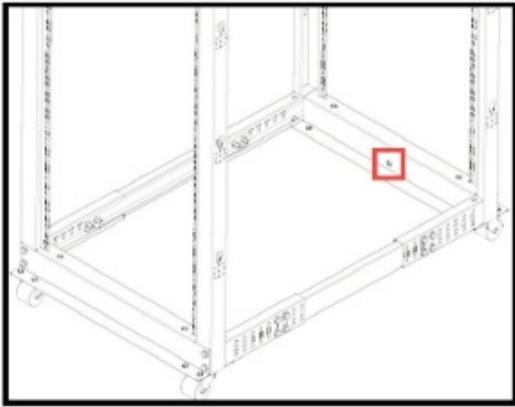


Figure 10

Operation

Adjust the Leveling Feet

Unscrew the Levelling Feet by hand and with a 14 mm

Wrench, until all four Levelling Feet are set to the same height and pressed firmly against the floor.

Note: Use a Spirit/Bubble Level to ensure the Rack is level.

Warranty Information

This product is backed by a two-year warranty. For further information on product warranty terms and conditions, please refer

to www.startech.com/warranty

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