Adjustable Depth Open Frame Wall Mount Rack

Product IDs

RK12WALLOA

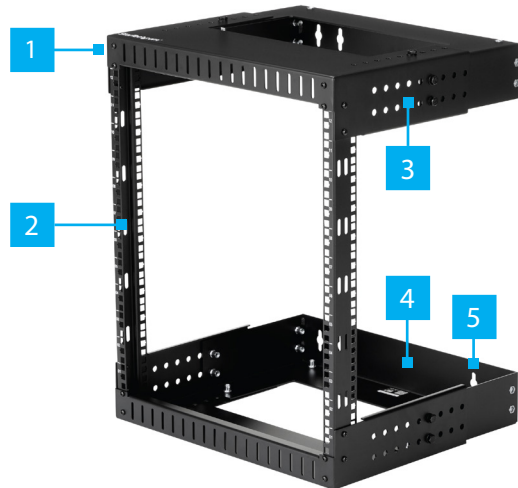**RK15WALLOA**

RACK-18U-20-WALL-OA

RACK-21U-20-WALL-OA

RACK-24U-20-WALL-OA

Product Diagram

Front View

*Product may vary from image

Component		Function
1	Front Horizontal Brackets (x 2)	• Structural components of the **Adjustable Depth Rack** • The **Adjustment Holes** on the sides allow for variable depth • **Assembly Screw Holes** can be found at the front and sides to attach the **Mounting Posts**
2	Mounting Posts	• **Mounting Holes** along the **Mounting Posts** allow to mount **Rack Equipment** • Features **Square Cage Nut Holes**

3	Depth Adjustment Holes	• Used to assemble the **Front** and **Rear Horizontal Brackets** together • Allow for **Adjustable Depth** from 12 to 20 inches (30.4 to 50.8 cm)
4	Rear Horizontal Brackets (x 2)	• Structural components of the **Adjustable Depth Rack** • **Wall Mounting Holes** are located along the length
5	Wall Mounting Holes (x 8)	• Use to wall mount the **Adjustable Depth Rack** • **Wall Mounting Holes** are spaced 12 inches (30.48 cm) [inner holes] and 16 inches (40.64 cm) [outer holes]

Product Information

For the latest manuals, product information, technical specifications, and declarations of conformance, please visit:

www.StarTech.com/RK12WALLOA

www.StarTech.com/RK15WALLOA

www.StarTech.com/RACK-18U-20-WALL-OA

www.StarTech.com/RACK-21U-20-WALL-OA

www.StarTech.com/RACK-24U-20-WALL-OA

Requirements

• Phillips Head Screwdriver
• Appropriate Mounting Hardware for the Wall Type
• (Optional) Wrench
• (Optional) Cage Nut Tool

Package Contents

• Adjustable Depth Server Rack x 1
• Assembly Screws x 16
• Bolts x 24
• Washers x 24
• Quick-Start Guide x 1
• M6 Cage Nuts (Quantity outlined in the table below)
• M6 Screws (Quantity outlined in the table below)
• M6 Plastic Washers (Quantity outlined in the table below)

Product ID	M6 Cage Nuts Qty.	M6 Screws Qty.	M6 Plastic Washers Qty.
RK12WALLOA	48	48	48
RK15WALLOA	60	60	60
RACK-18U-20-WALL-OA	72	72	72
RACK-21U-20-WALL-OA	84	84	84
RACK-24U-20-WALL-OA	96	96	96

Warnings!

- *Read the entire manual and ensure the instructions are fully understood before assembling and/or using this product.*
- *StarTech.com Ltd. is not responsible for any property damage and/or personal injury resulting from the installation procedures outlined in this technical document.*
- *Mounting hardware is not included with this product. Make sure to source appropriate mounting hardware that is capable of supporting the weight of a loaded Rack, and is adequate for the wall type the rack is going to be mounted on.*
- *Before adding equipment to this product, ensure this product has been properly mounted.*
- *Never operate this product if parts are missing or damaged*
- *If lacking the necessary expertise to wall mount this product, contact a construction professional to install the wall mount or to provide specific mounting instructions for the wall structure.*
- *Ensure the weight of the equipment does not exceed the weight capacity of this product. If the weight capacity is exceeded, personal injury or damage to the equipment are possibilities. These products can support the following weight: up to 90 kg (198.4 lb).*
- *Wall structures vary. Ensure the type of wall structure and mounting hardware will properly support the mounted equipment. Failure to do so might result in personal injury and/or equipment damage. The wall structure should be capable of supporting at least four times the weight of the mounted equipment.*

Installation

Assemble the Adjustable Depth Server Rack

The Adjustable Depth Rack features Front and Rear Horizontal Brackets that can be set to the required mounting depth. The Adjustment Holes on the brackets are spaced 1 inch (2.5 cm) apart. The minimum depth is 12 inches (30. 5 cm) and the maximum depth is 20 inches (50.8 cm).

Assemble the Bracket Assemblies

1. Prepare **Bolt Assemblies** (x 12) for use in **Step 4** by sliding the **Washers** (x 12) over the **Bolts** (x 12).

2. Determine the **Required Mounting Depth** according to your application.

3. Slide one of the **Rear Horizontal Brackets** into one of the **Front Horizontal Brackets**. Slide these two components together until the **Required Mounting Depth** has been achieved and the **Adjustment Holes** are aligned on the two brackets.

4. Insert the **Bolt Assemblies** through the **Adjustment Holes**, two on the side and one on the horizontal surface, on the aligned **Front** and **Rear Horizontal Brackets** from **Step 3**. Tighten with an appropriately sized **Wrench**.

5. Repeat **Step 4** for the second set of **Adjustment Holes** on the opposite side of the **Front** and **Rear Horizontal Brackets**. The first **Bracket Assembly** is now complete.

6. Repeat **Steps 3** to **5** to assemble the second **Bracket Assembly**.

Attach the Mounting Posts to a Bracket Assembly

1. Place one of the **Mounting Posts** inside one of the front corners of one **Bracket Assembly** and align the **Assembly Screw Holes**.

2. Insert the **Assembly Screws** (x 4) through the **Assembly Screw Holes** (x 4) on the **Front Horizontal Brackets** aligned in **Step 3** and tighten using a **Phillips Head Screwdriver**. (Figure 1)
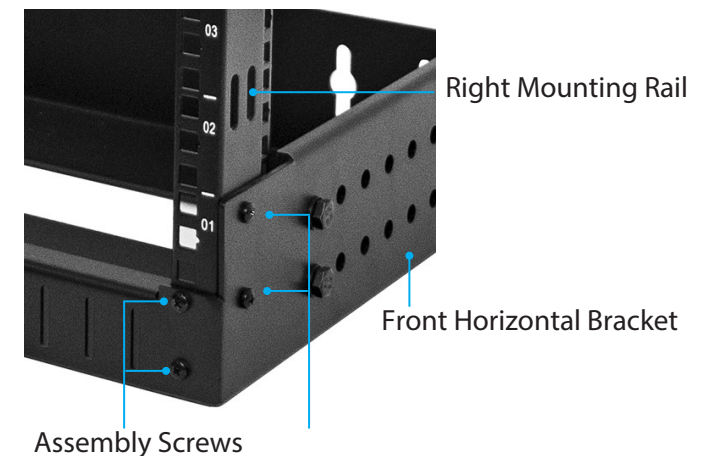

Figure 1

3. Repeat **Steps 1** and **2** to attach the second **Mounting Post** into the same **Bracket Assembly**.

   Note: *Use the U markings on each Mounting Post as a guide to ensure both Mounting Posts are oriented in the same direction.*

Attach the Second Bracket Assembly

1. Slide the second **Bracket Assembly** over the **Mounting Post**.

2. Repeat **Steps 2** and **3** from Attach the Mounting Posts to a Bracket Assembly to complete the assembly for the **Adjustable Depth Rack**.

Mount the Adjustable Depth Rack

1. Mark the **Mounting Points** (x 4) using the **Wall Mounting Holes** (x 4) on the **Rear Horizontal Brackets** as a **Template**. Ensure it is level, using a **Spirit/Bubble Level**.

2. Use the appropriate **Mounting Hardware** to fasten the **Wall Mount Server Rack** to the **Mounting Surface**.

Install the Cage Nuts

1. Install the **M6 Cage Nuts** into the **Mounting Holes** on the **Mounting Posts**. If available, use a **Cage Nut Tool** or your preferred installation method to install the **Cage Nuts**.

2. Repeat **Step 1** as many times as needed to install the number of **M6 Cage Nuts** for the application.

3. Align the **Mounting Holes** on the **Rack Equipment** with the **M6 Cage Nuts** installed on the **Mounting Posts**.

4. Insert the **M6 Screws** (x 4) through the **M6 Plastic Washers** (x 4), the **Mounting Holes** (x 4) on the **Rack Equipment**, and into the **M6 Cage Nuts** (x 4). Tighten each **Screw** (x 4) using a **Phillips Head Screwdriver** to fasten the **Rack Equipment** to the **Front Posts**.

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