Installation Sheet
Swing Out™ Wall Mount Rack

31-0114A 10/2006

Tools Required

- 3/8" socket or open-end wrench
- A level or carpenter's square
- Electric screwdriver or Phillips screwdriver

Frame Assembly Instructions

The Swing OutTM can be assembled in less that 10 minutes by completing the following steps:

Step 1 - Mark Mounting Holes

- Using a level or carpenter's square and the dimensions from Table 1, mark the remaining (3) mounting holes. See Figure 1 & Table 1.
- Ensure the mounting holes are plumb (straight up & down) and level.

Mounting Dimensions Table 1

Note: All frames utilize standard 16" hole to hole for horizontal mounting to wall studs.

Frame Size	Dim V (Vertical Hole to Hole)	Dim H (Horizontal Hole to Hole)
12U (24.40")	21.75"	16"
20U (38.40")	35.75"	16"
25U (47.15")	44.50"	16"

Step 2 - Attach Verticals To Wall

- Loosely attach the vertical fixed frames to the wall as shown in Figure 1. The frame will be secured to the wall after it is completely assembled. Note: The frame wall mounting hardware must be provided by the installer.

Step 3 - Assemble Brackets

- Loosely attach the top and bottom brackets to the vertical members as shown in Figure 2 using (8) bolts provided in the hardware pack. The bolts will be secured after frame is completely assembled.
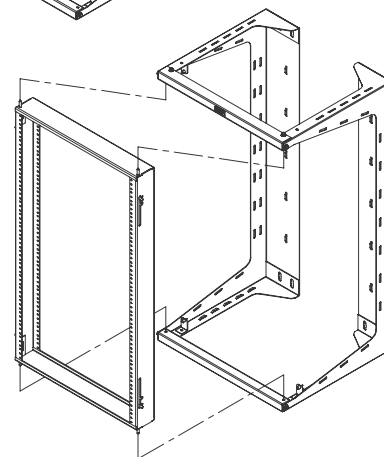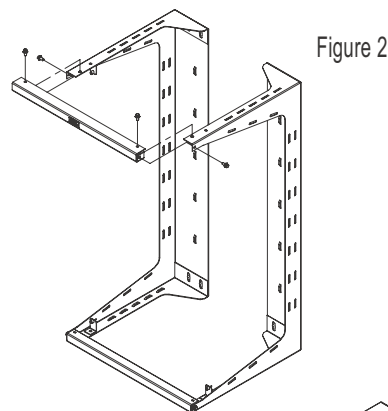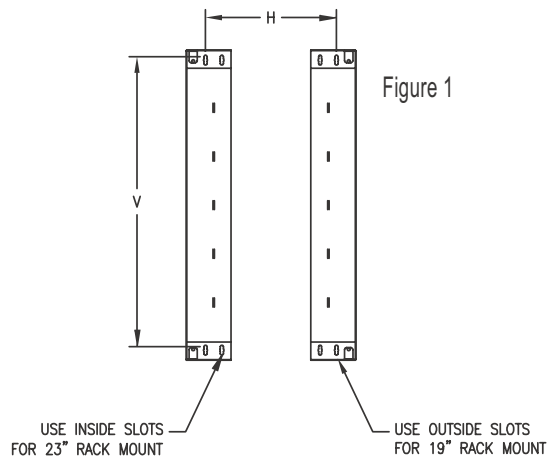
Step 4 - Tighten Frame

- Ensure the frame verticals are plumb (straight up & down), then tighten the mounting bolts and frame bracket bolts.

Step 5 - Install Swing Frame

- Lock the release pins into the open position (Figure 3).
- Slide the swing frame into position against the bumpers then release the pins. Gently move the frame so the pins line up with the guide holes and the pins will fall into place.
- Push the pins closed and lock into closed position.

Included Hardware

Ref DWG	Part Number	Qty	Description
	117502-01000	8	Bolt, Hex Flange Head 1/4-20 x 1/2″
	117708-01000	24	Screw, Cup Head, 12-24 x 5/8″
	30061-627000	1	Kit, Cable Tie, Black, 20 pcs

Figure 1

USE INSIDE SLOTS FOR 23″ RACK MOUNT

USE OUTSIDE SLOTS FOR 19″ RACK MOUNT

Figure 2

Figure 3

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General Use and Guidelines

Opening Swing Out™

- Check to see that all release pins are secured into their corresponding positions.
- Open the quick release pins (Figure 4) on either side to allow the rack to swing out.
- Use both hands to release and swing the rack open (Figure 4).

Closing Swing Out™

- This rack is equipped with a stopper to aid the installer when positioning and closing the swing frame (Figure 4).
- Depress corresponding release pins and close the rack.
- Close the rack until it touches the stopper and position the release pins into their corresponding guide holes.

PLEASE NOTE:

- Your Swing Out™ was designed to handle loads up to 120 lbs. To prevent stress on the hinges, weight is distributed evenly across the lower part of the frame itself. As a result, you may have to lift the portion of the frame that swings approximately 1/8" before being able to fully close it. *This is normal.*
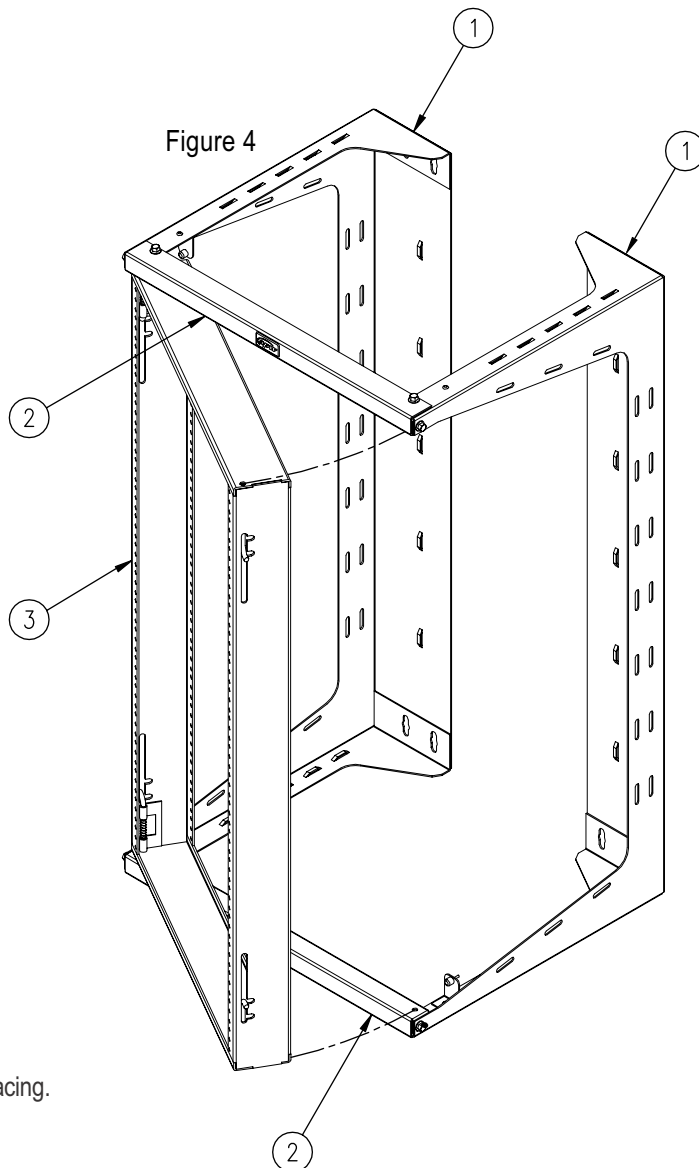
Cabling Guideline

- When mounting electronic hardware to the swing frame, leave adequate cable slack to allow the swing frame to open (Figure 4).
- Use the integrated cable management tie slots and bridge lances to secure cables using nylon ties or Velcro straps (Figure 4).

Equipment Mounting

- Equipment swing frame rails are tapped 12-24 with standard EIA spacing.
- Equipment frame will accept most standard EIA rack accessories for 19" or 23" rack widths.
- Reference the Technical Data Sheet TSSO-R02 for complete frame dimensions and maximum equipment mounting depths.

Thank you for purchasing the Swing Out™

Figure 4

ITEM	DESCRIPTION
1	FRAME VERTICALS
2	TOP & BOTTOM BRACKETS
3	SWING FRAME

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