CSR-G6100

6U Rack Chassis

Operation Manual

Ver 1.00

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SAFETY PRECAUTIONS

Please read all instructions before attempting to unpack, install or operate this equipment and before connecting the power supply. Please keep the following in mind as you unpack and install this equipment:

- Always follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Never spill liquid of any kind on or into this product.
- Never push an object of any kind into this product through any openings or empty slots in the unit, as you may damage parts inside the unit.
- Do not attach the power supply cabling to building surfaces.
- Use only the supplied power supply unit (PSU). Do not use the PSU if it is damaged.
- Do not allow anything to rest on the power cabling or allow any weight to be placed upon it or any person walk on it.
- To protect the unit from overheating, do not block any vents or openings in the unit housing that provide ventilation and allow for sufficient space for air to circulate around the unit.

VERSION HISTORY

REV.	DATE	SUMMARY OF CHANGE
Ver 1.00	2025/3/15	Initial Release

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1. INTRODUCTION

These flexible rack-mounting systems offer the ability to efficiently house up to 15 professional AV products and are available as 6U rack chassis. These storage units are suitable for customers who require the efficient integration and mounting of multiple units into a relatively small rack space along with built-in cooling fans. Each rack chassis is a standard 19 inches wide.

2. APPLICATIONS

- Efficient storage of multiple low-profile audio/video units

3. PACKAGE CONTENTS

- 1× 6U Rack Chassis
- 1× Operation Manual
- 1×12V/1.25A DC Power Adapter
- 1× 3-Pin DC Connecter
- 12× Screw 4*6L
- 4× Screw 4*10L

4. SYSTEM REQUIREMENTS

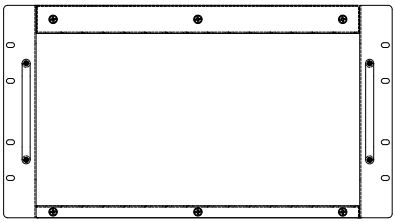
- 6U rack chassis requires a minimum of 266.7mm (10.5in) contiguous free space in the rack for mounting

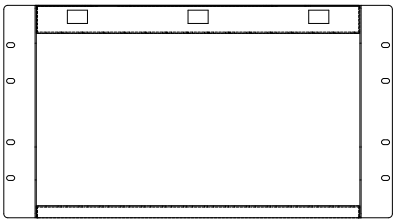
5. FEATURES

- Rack chassis with 19 inches width and 6U height designed for installation into standard rack cabinets
- A maximum of 15 individual units may be installed in a single chassis
- Built-in cooling fan units can be temperature controlled to automatically turn the fan on or off as needed
- Accessories included: Built-in cooling fan, Power Adapter, 3-Pin DC Connecter, 12× 4*6L Screws, and 4×4*10L Screws

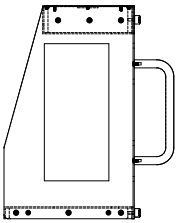
6. OPERATION CONTROLS AND FUNCTIONS

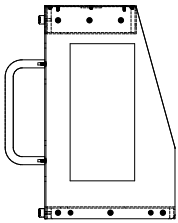
6.1 Front and Rear Panels



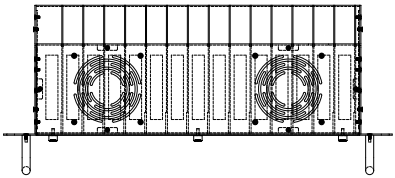


6.2 Left and Right Panels





6.3 Top Panel



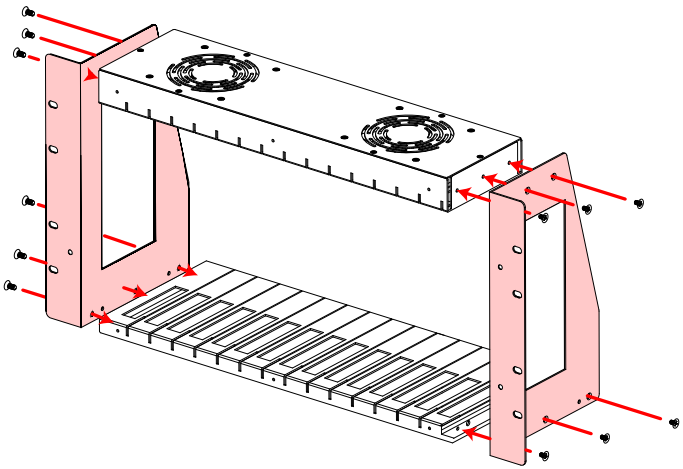
6.4 Installation Instructions

Each rack chassis is shipped partially assembled. Assembling of the left and right panels, 2 handles, and 2 front locking panels can be performed without any disassembly, however access to the top, bottom, and sides of the rack chassis is required in order to secure them in place so it is recommended to do so prior to placement within a rack. Installation of compatible units only requires the removal of the 2 front locking panels and can be performed while the chassis is installed in a rack.

6.4.1 Complete Rack Chassis Assembly

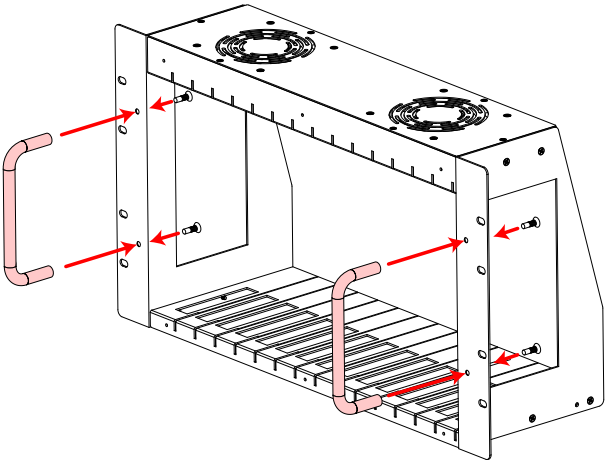
STEP 1

Screw the 6 screws holding the right panel in place, then screw the 6 screws holding the left panel in place.



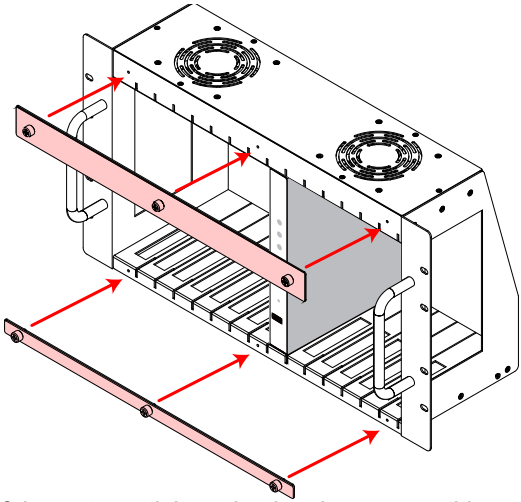
STEP 2

Screw the 2 screws holding the right handle in place, then screw the 2 screws holding the left handle in place.



STEP 3

Attach the top and bottom locking panels by screwing in the 3 thumbscrews on each until they are tight and secure.

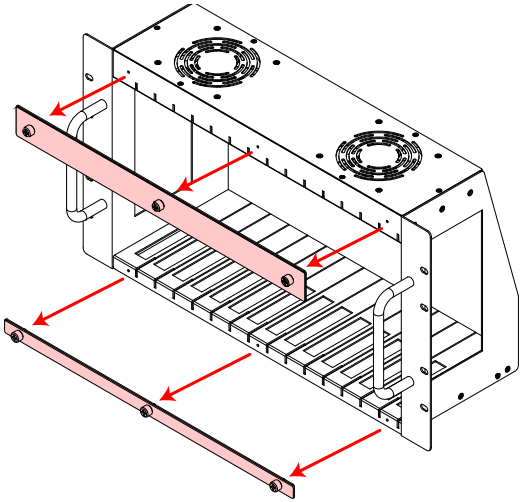


Note: Be careful to not overtighten the thumbscrews as this could damage the screw threads.

6.4.2 Full/Half-Length Unit Installation

STEP 1

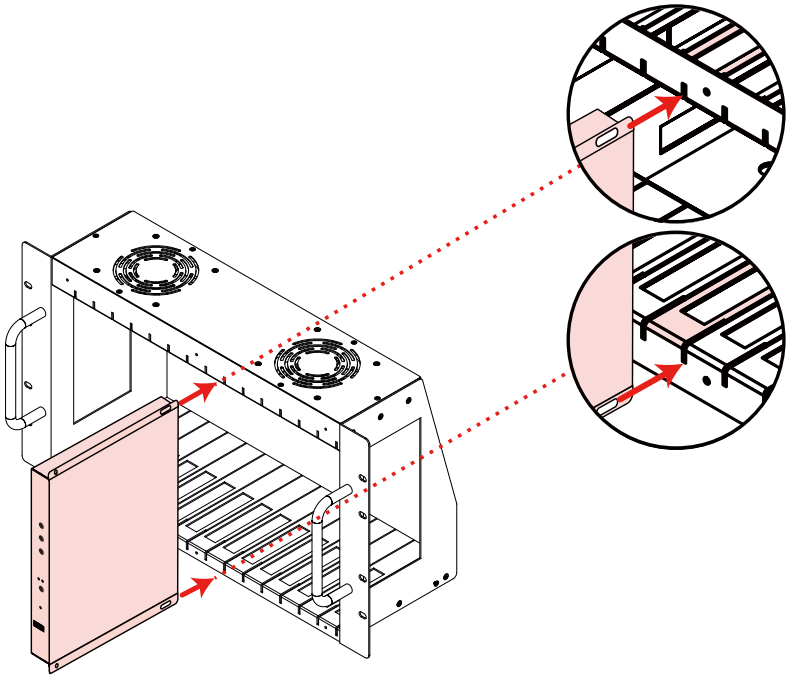
Unscrew the 3 thumbscrews holding the top locking panel in place, and remove the panel from the front of the chassis. Unscrew the 3 thumbscrews holding the bottom locking panel in place, and remove the panel from the front of the chassis.



Note: The thumbscrews are connected to the locking panels with a retention mechanism and will not come completely free when they have been unscrewed from the chassis.

STEP 2

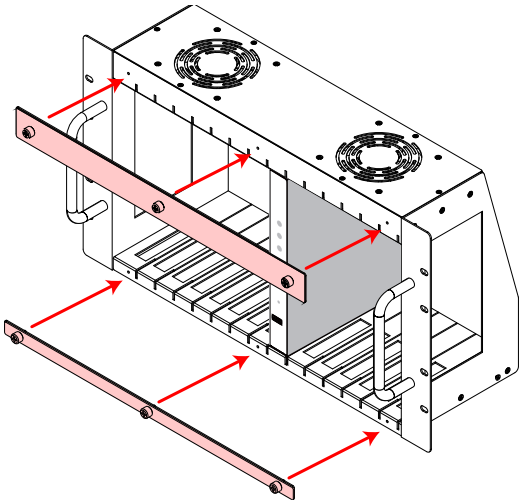
Align and then carefully slide a full or half-length compatible audio/video unit into the top/bottom grooves of a free slot. Half-length units are designed with a notch to prevent them from sliding all the way to the back of the rack chassis. Repeat this step until all units have been installed.



Note: If fewer than 15 units are being mounted it is strongly suggested to leave empty space between units that get particularly warm to improve airflow and heat dissipation.

STEP 3

Reattach the top and bottom locking panels by screwing in the 3 thumbscrews on each until they are tight and secure.



Note: Be careful to not overtighten the thumbscrews as this could damage the screw threads.

7. SPECIFICATIONS

Dimensions (W×H×D)	483mm×264mm×161.5mm [Case Only]
	483mm×264mm×210.5mm [All Inclusive]
Weight	2900g
Chassis Material	Metal
Silkscreen Color	Black

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