# Rack Mount Aluminum Instrument Enclosure *RMC Series*

**19" Rack-Mount or Desktop Use**







EIA STANDARDS

MANUFACTURED IN NORTH AMERICA

RoHS

## Features

- Uses all machine screw and PEM nut construction, perfect for applications where repetitive assembly and disassembly are required
- Lightweight aluminum design for easy modification (type 5052 H32). For example, the 19" rack mountable enclosure **RMCS190313BK1** shown in the photo to the left weighs only 5 pounds (2.3 kg).
- Strong design construction using:
  - 0.125" (3.2 mm) thick - side panels and rack mount brackets
  - 0.064" (1.6 mm) thick - front and rear panels
  - 0.062" (1.6 mm) thick - top and bottom panels
- Can be used with or without rack mounting brackets (included)
- Enclosure is finished in rugged, satin textured black powder coat
- Includes top, bottom, side panels, front and rear panels, rubber self adhesive feet, rack-mount brackets, and all hardware
- Pull handle accessory kit available
- Easy access to inside; only 4 screws need to be removed from any of the 6 panels for internal access
- Internal aluminum chassis panel is optional (see below)
- Knockdown design ships unassembled for easy handling and shipping protection
- Note: Panels are not grounded to frame due to powder coat finish.  Grounding method to be determined by user

**Replacement Hardware kit: RMCHDWKIT includes:**

- #10-32 X 5/8" Pan head black, qty 8
- #6-32 X 3/8" Flat head black, qty 16
- Rubber bumpon, qty 4

## Accessories

- Hardware for Rack Mounting Solutions
- Rack Equipment Installation Tool

Patented Rack Rail Support

- Rack Panels for Rack Optimization

| Part No. Solid Top/Bottom | Part No. Vented Top/Bottom | Overall Dimensions Height | Overall Dimensions Width | Overall Dimensions Depth | Usable Mounting Dimensions Rack Units | Usable Mounting Dimensions Height | Inside Height Clearance With Chassis Installed | Optional Pull Handle Mounting Bracket Kit |
|---|---|---|---|---|---|---|---|---|
| RMCS9018BK1 | RMCV9018BK1 | 1.73 | 8.50 | 8.00 | 1U | 1.75 | 0.81 | RMCHANDLE1U |
| RMCS19018BK1 | RMCV19018BK1 | 1.73 | 17.00 | 8.00 | 1U | 1.75 | 0.81 | RMCHANDLE1U |
| RMCS190113BK1 | RMCV190113BK1 | 1.73 | 17.00 | 13.00 | 1U | 1.75 | 0.81 | RMCHANDLE1U |
| RMCS9038BK1 | RMCV9038BK1 | 3.48 | 8.50 | 8.00 | 2U | 3.50 | 2.56 | RMCHANDLE2U |
| RMCS19038BK1 | RMCV19038BK1 | 3.48 | 17.00 | 8.00 | 2U | 3.50 | 2.56 | RMCHANDLE2U |
| RMCS190313BK1 | RMCV190313BK1 | 3.48 | 17.00 | 13.00 | 2U | 3.50 | 2.56 | RMCHANDLE2U |
| RMCS9058BK1 | RMCV9058BK1 | 5.23 | 8.50 | 8.00 | 3U | 5.25 | 4.18 | RMCHANDLE3U |
| RMCS190513BK1 | RMCV190513BK1 | 5.23 | 17.00 | 13.00 | 3U | 5.25 | 4.18 | RMCHANDLE3U |
| RMCS190713BK1 | RMCV190713BK1 | 6.98 | 17.00 | 13.00 | 4U | 7.00 | 6.06 | RMCHANDLE4U |

| Part No. Solid Top/Bottom | Part No. Vented Top/Bottom | Overall Dimensions Height | Width | Depth | Usable Mounting Dimensions Rack Units | Height | Inside Height Clearance With Chassis Installed | Optional Pull Handle Mounting Bracket Kit |
|---|---|---|---|---|---|---|---|---|
| **RMCS190813BK1** | **RMCV190813BK1** | 8.73 | 17.00 | 13.00 | 5U | 8.75 | 7.81 | **RMCHANDLE5U** |
| **RMCS191013BK1** | **RMCV191013BK1** | 10.48 | 17.00 | 13.00 | 6U | 10.50 | 9.56 | **RMCHANDLE6U** |
| **RMCS191015BK1** | **RMCV191015BK1** | 10.48 | 17.00 | 15.00 | 6U | 10.50 | 9.56 | **RMCHANDLE6U** |

## Front & Rear Replacement Panels (Full 17" Width Only)

| Part No. Textured Black | Part No. Smooth Black | Part No. Beige | Mounting Dimensions Height | Rack Units |
|---|---|---|---|---|
| **RMCP1** | **RMCP1BK** | **RMCP1CG** | 1.75 | 1U |
| **RMCP3** | **RMCP3BK** | **RMCP3CG** | 3.5 | 2U |
| **RMCP5** | **RMCP5BK** | **RMCP5CG** | 5.25 | 3U |
| **RMCP7** | **RMCP7BK** | **RMCP7CG** | 7 | 4U |
| **RMCP8** | **RMCP8BK** | **RMCP8CG** | 8.75 | 5U |
| **RMCP10** | **RMCP10BK** | **RMCP10CG** | 10.5 | 6U |

## Internal Aluminum Chassis Panel

| | Overall Panel Dimensions | | | For use with Enclosure Dimensions | |
|---|---|---|---|---|---|
| **Part No.** | **Height** | **Width** | **Depth** | **Width** | **Depth** |
| **RMP908** | 0.50 | 8.22 | 6.00 | 8.50 | 8.00 |
| **RMP1908** | 0.50 | 16.72 | 6.00 | 17.00 | 8.00 |
| **RMP1913** | 0.50 | 16.72 | 11.00 | 17.00 | 13.00 |
| **RMP1915** | 0.50 | 16.72 | 13.00 | 17.00 | 15.00 |

## Replacement Rack Mounting Flanges (Sold in Pairs)

| Part Number (Pair) | Enclosure Height |
|---|---|
| **RMCFLANGE1U** | 1U |
| **RMCFLANGE2U** | 2U |
| **RMCFLANGE3U** | 3U |
| **RMCFLANGE4U** | 4U |
| **RMCFLANGE5U** | 5U |
| **RMCFLANGE6U** | 6U |

Tags: **rackmount**, **instrument**, **aluminum**, **rack unit**, **19"**, **brackets**, **removable front panel**, **rack and enclosure**

*Data subject to change without notice.*

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