

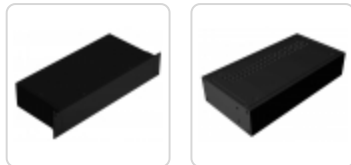


Quality Products. Service Excellence.

## Rack-Mounted Instrument Enclosure *RM Series*

Extruded Aluminum, 19" Rack-Mount or Desktop Use

### NEW SIZES



### Features

- Strong yet lightweight construction using all aluminum components.
- Suitable for desktop or rack mount applications.
- Knockdown design ships unassembled for easy handling and shipping protection.
- Strong construction using:
  - Extruded aluminum side panels 0.125" (3.2 mm) thick
  - Extruded aluminum front and rear panels 0.125" (3.2mm) thick
  - Flat aluminum top and bottom panels 0.064" (1.6 mm) thick
- Can be used with or without rack mounting brackets. One pair included with 19" mounting versions.
- Enclosure is finished in rugged textured black powder coat.
- Pull handles and adjustable rear bracket rack mount kit for deeper models are available separately.
- RoHS Compliant.
- Manufactured in North America.
- **NOTE:** Panels are not grounded to frame due to powder coat finish. Grounding method to be determined by customer.

### What's In The Box

Each assembly includes:

- 2x interchangeable front and rear panels
- 2x interchangeable top and bottom panels
- 2x interchangeable side panels
- 4x self-adhesive rubber feet
- Assembly hardware, including screws and speed nuts. Quantities are size-specific; see drawings for more details
- Full-width versions only - 1x pair of 19" rack mounting flanges and hardware

### Accessories

- Chassis Tilt Bail
- Rack Equipment Installation Tool
- Hardware for Rack Mounting Solutions

| Part No.    | Part No.    | Overall Dimensions |       |       |            | Includes         | Accepts     | Adj. Rear Bracket |
|-------------|-------------|--------------------|-------|-------|------------|------------------|-------------|-------------------|
| Solid       | Vented      |                    |       |       |            | 19" Rack         | Pull Handle | Rack Mount        |
| Top/Bottom  | Top/Bottom  | Height             | Width | Depth | Rack Units | Mounting Flanges | Part No.    | Part No.          |
|             |             |                    |       |       |            |                  |             | (Sold in Pairs)   |
| RM1U0804SBK | RM1U0804VBK | 1.75               | 8.30  | 4.25  | 1U         | No               | 1427B2BK    |                   |
| RM1U0808SBK | RM1U0808VBK | 1.75               | 8.30  | 8.00  | 1U         | No               | 1427B2BK    |                   |
| RM1U1908SBK | RM1U1908VBK | 1.75               | 16.60 | 8.00  | 1U         | Yes              | 1427B2BK    |                   |
| RM1U1913SBK | RM1U1913VBK | 1.75               | 16.60 | 13.00 | 1U         | Yes              | 1427B2BK    |                   |
| RM1U1918SBK | RM1U1918VBK | 1.75               | 16.60 | 18.00 | 1U         | Yes              | 1427B2BK    | RM1U18BRKT        |
| RM1U1922SBK | RM1U1922VBK | 1.75               | 16.60 | 22.00 | 1U         | Yes              | 1427B2BK    | RM1U18BRKT        |

| Part No.<br>Solid<br>Top/Bottom | Part No.<br>Vented<br>Top/Bottom | Overall Dimensions |       |       |            | Includes<br>19" Rack<br>Mounting<br>Flanges | Accepts<br>Pull Handle<br>Part No. | Adj. Rear Bracket<br>Rack Mount<br>Part No.<br>(Sold in Pairs) |
|---------------------------------|----------------------------------|--------------------|-------|-------|------------|---------------------------------------------|------------------------------------|----------------------------------------------------------------|
|                                 |                                  | Height             | Width | Depth | Rack Units |                                             |                                    |                                                                |
|                                 |                                  |                    |       |       |            |                                             |                                    |                                                                |
| RM1U1928SBK                     | RM1U1928VBK                      | 1.75               | 16.60 | 28.00 | 1U         | Yes                                         | 1427B2BK                           | RM1U18BRKT                                                     |
| RM2U0804SBK                     | RM2U0804VBK                      | 3.50               | 8.30  | 4.25  | 2U         | No                                          | 1427E1BK                           |                                                                |
| RM2U0808SBK                     | RM2U0808VBK                      | 3.50               | 8.30  | 8.00  | 2U         | No                                          | 1427E1BK                           |                                                                |
| RM2U1908SBK                     | RM2U1908VBK                      | 3.50               | 16.60 | 8.00  | 2U         | Yes                                         | 1427E1BK                           |                                                                |
| RM2U1913SBK                     | RM2U1913VBK                      | 3.50               | 16.60 | 13.00 | 2U         | Yes                                         | 1427E1BK                           |                                                                |
| RM2U1918SBK                     | RM2U1918VBK                      | 3.50               | 16.60 | 18.00 | 2U         | Yes                                         | 1427E1BK                           | RM2U18BRKT                                                     |
| RM2U1922SBK                     | RM2U1922VBK                      | 3.50               | 16.60 | 22.00 | 2U         | Yes                                         | 1427E1BK                           | RM2U18BRKT                                                     |
| RM2U1928SBK                     | RM2U1928VBK                      | 3.50               | 16.60 | 28.00 | 2U         | Yes                                         | 1427E1BK                           | RM2U18BRKT                                                     |
| RM3U0804SBK                     | RM3U0804VBK                      | 5.25               | 8.30  | 4.25  | 3U         | No                                          | 1427P1BK                           |                                                                |
| RM3U0808SBK                     | RM3U0808VBK                      | 5.25               | 8.30  | 8.00  | 3U         | No                                          | 1427P1BK                           |                                                                |
| RM3U1908SBK                     | RM3U1908VBK                      | 5.25               | 16.60 | 8.00  | 3U         | Yes                                         | 1427P1BK                           |                                                                |
| RM3U1913SBK                     | RM3U1913VBK                      | 5.25               | 16.60 | 13.00 | 3U         | Yes                                         | 1427P1BK                           |                                                                |
| RM3U1918SBK                     | RM3U1918VBK                      | 5.25               | 16.60 | 18.00 | 3U         | Yes                                         | 1427P1BK                           | RM3U18BRKT                                                     |
| RM3U1922SBK                     | RM3U1922VBK                      | 5.25               | 16.60 | 22.00 | 3U         | Yes                                         | 1427P1BK                           | RM3U18BRKT                                                     |
| RM3U1928SBK                     | RM3U1928VBK                      | 5.25               | 16.60 | 28.00 | 3U         | Yes                                         | 1427P1BK                           | RM3U18BRKT                                                     |
| RM4U1908SBK                     | RM4U1908VBK                      | 7.00               | 16.60 | 8.00  | 4U         | Yes                                         | 1427P1BK                           |                                                                |
| RM4U1913SBK                     | RM4U1913VBK                      | 7.00               | 16.60 | 13.00 | 4U         | Yes                                         | 1427P1BK                           |                                                                |
| RM4U1918SBK                     | RM4U1918VBK                      | 7.00               | 16.60 | 18.00 | 4U         | Yes                                         | 1427P1BK                           | RM4U18BRKT                                                     |
| RM4U1922SBK                     | RM4U1922VBK                      | 7.00               | 16.60 | 22.00 | 4U         | Yes                                         | 1427P1BK                           | RM4U18BRKT                                                     |
| RM4U1928SBK                     | RM4U1928VBK                      | 7.00               | 16.60 | 28.00 | 4U         | Yes                                         | 1427P1BK                           | RM4U18BRKT                                                     |
| RM5U1913SBK                     | RM5U1913VBK                      | 8.75               | 16.60 | 13.00 | 5U         | Yes                                         | 1427P1BK                           |                                                                |
| RM5U1918SBK                     | RM5U1918VBK                      | 8.75               | 16.60 | 18.00 | 5U         | Yes                                         | 1427P1BK                           | RM5U18BRKT                                                     |
| RM5U1922SBK                     | RM5U1922VBK                      | 8.75               | 16.60 | 22.00 | 5U         | Yes                                         | 1427P1BK                           | RM5U18BRKT                                                     |
| RM5U1928SBK                     | RM5U1928VBK                      | 8.75               | 16.60 | 28.00 | 5U         | Yes                                         | 1427P1BK                           | RM5U18BRKT                                                     |

Replacement Front or Rear Panel (Sold Individually)

| Part No.   | Height | Width | Rack Units |
|------------|--------|-------|------------|
| RM1U08BKFP | 1.75   | 8.30  | 1U         |
| RM2U08BKFP | 3.50   | 8.30  | 2U         |
| RM3U08BKFP | 5.25   | 8.30  | 3U         |
| RM1U19BKFP | 1.75   | 16.60 | 1U         |
| RM2U19BKFP | 3.50   | 16.60 | 2U         |
| RM3U19BKFP | 5.25   | 16.60 | 3U         |
| RM4U19BKFP | 7.00   | 16.60 | 4U         |
| RM5U19BKFP | 8.75   | 16.60 | 5U         |

Replacement Hardware

| Part No.      | Description                                             | Used For                       |
|---------------|---------------------------------------------------------|--------------------------------|
| RM632SC100BK  | 100 pack of 6-32 x 3/8" thread rolling (taptite) screws | Side panel assembly            |
| RM440SN100BK  | 100 pack of 4-40 speed nuts                             | Top & bottom panel assembly    |
| RM440MS100BK  | 100 pack of 4-40 machine screws                         | Top & bottom panel assembly    |
| RM1032MS100BK | 100 pack of 10-32 machine screws                        | Rack mounting bracket assembly |

Replacement Rack Mounting Flanges (Sold in Pairs)

| Part No.  | Rack Units |
|-----------|------------|
| RM1UMTGFL | 1U         |
| RM2UMTGFL | 2U         |
| RM3UMTGFL | 3U         |
| RM4UMTGFL | 4U         |
| RM5UMTGFL | 5U         |

Includes enclosure mounting screws

Adjustable Rear Brackets (Sold in Pairs)

| Part No.   | Height | Chassis Dimensions |                     | Rack Units |
|------------|--------|--------------------|---------------------|------------|
|            |        | Width              | Depth               |            |
| RM1U18BRKT | 1.75   | 16.60              | 18" (457mm) or more | 1U         |
| RM2U18BRKT | 3.50   | 16.60              | 18" (457mm) or more | 2U         |
| RM3U18BRKT | 5.25   | 16.60              | 18" (457mm) or more | 3U         |
| RM4U18BRKT | 7.00   | 16.60              | 18" (457mm) or more | 4U         |
| RM5U18BRKT | 8.75   | 16.60              | 18" (457mm) or more | 5U         |

Compatible with 18", 22", and 28" depths.

Replacement Top/Bottom Body Panel (Sold Singly)

| Solid<br>Part No. | Vented<br>Part No. | Panel Dimensions |       |
|-------------------|--------------------|------------------|-------|
|                   |                    | Width            | Depth |
| RM0804BKSP        | RM0804BKVP         | 8.30             | 4.25  |
| RM0808BKSP        | RM0808BKVP         | 8.30             | 8.00  |
| RM1908BKSP        | RM1908BKVP         | 16.60            | 8.00  |
| RM1913BKSP        | RM1913BKVP         | 16.60            | 13.00 |
| RM1918BKSP        | RM1918BKVP         | 16.60            | 18.00 |
| RM1922BKSP        | RM1922BKVP         | 16.60            | 22.00 |
| RM1928BKSP        | RM1928BKVP         | 16.60            | 28.00 |

Replacement Side Panels

| 1U         | 2U         | 3U         | 4U         | 5U         | Depth |
|------------|------------|------------|------------|------------|-------|
| RM1U04BKSP | RM2U04BKSP | RM3U04BKSP |            |            | 4.00  |
| RM1U08BKSP | RM2U08BKSP | RM3U08BKSP | RM4U08BKSP |            | 8.00  |
| RM1U13BKSP | RM2U13BKSP | RM3U13BKSP | RM4U13BKSP | RM5U13BKSP | 13.00 |
| RM1U18BKSP | RM2U18BKSP | RM3U18BKSP | RM4U18BKSP | RM5U18BKSP | 18.00 |
| RM1U22BKSP | RM2U22BKSP | RM3U22BKSP | RM4U22BKSP | RM5U22BKSP | 22.00 |
| RM1U28BKSP | RM2U28BKSP | RM3U28BKSP | RM4U28BKSP | RM5U28BKSP | 28.00 |

Tags: **RMU**, **rackmount**, **rack-mount**, **brackets**, **19"**, **rack unit**, **instrument**, **it rack enclosures**, **Rack Mount Aluminum Chassis**

*Data subject to change without notice*