

The RMM4 is a 1RU rack mount carriage with a built-in power supply. The assembly accepts up to four mini modules, such as Video Modulators, Video or Audio Switching Modules, etc.

The power supply features a universal input voltage switching power supply with attached 115 VAC line cord and four separate DC output cables with polarized 3-circuit connectors.

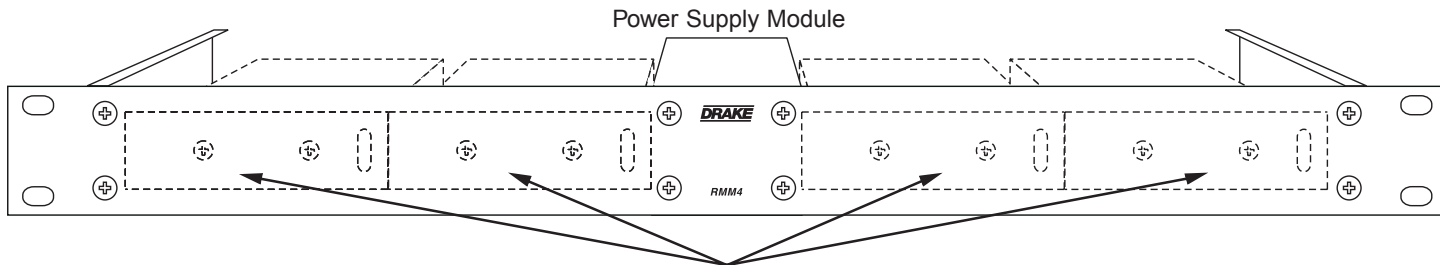


FIGURE 1 - Front Panel View of RMM4.  
Space allows for up to four mini-modules (modules not included).

**SPECIFICATIONS:**

**GENERAL**

Power Requirements: ----- 100 VAC to 240 VAC  
(and -10%/+10% of end limits).  
Frequency: ----- 50/60 Hz.  
AC Input Power: ----- 30 WATTS.  
Temperature Range: ----- 0 to +50 °C.  
Output Voltages: ----- +12 VDC @ 1.5A (WHITE wire),  
+5 VDC @ 1.5A (RED wire),

**CONNECTORS**

AC Line Cord ----- Attached, with North American plug. (Power supply module is internally fused: 2A, 250V, SLO-BLO, 5x20 mm. Power supply module also employs current sense limiting protection).  
DC Output: ----- Four separate cables with 3-CKT Molex connector, female, polarized.

**MECHANICAL**

Dimensions: (WxHxD): ----- 19 in. x 1.75 in. x 8.5 in.,  
(40.1 cm x 4.4 cm x 21.6 cm).  
Weight: ----- 2.8 lbs. (1.3 kgs).

(BLACK wire = Ground).

**INSTALLATION**

Secure modules to the RMM4 using the supplied #4-40 x 1/2" PAN PHL screws (R. L. Drake part # 3320351) at the four corners of each module as shown.

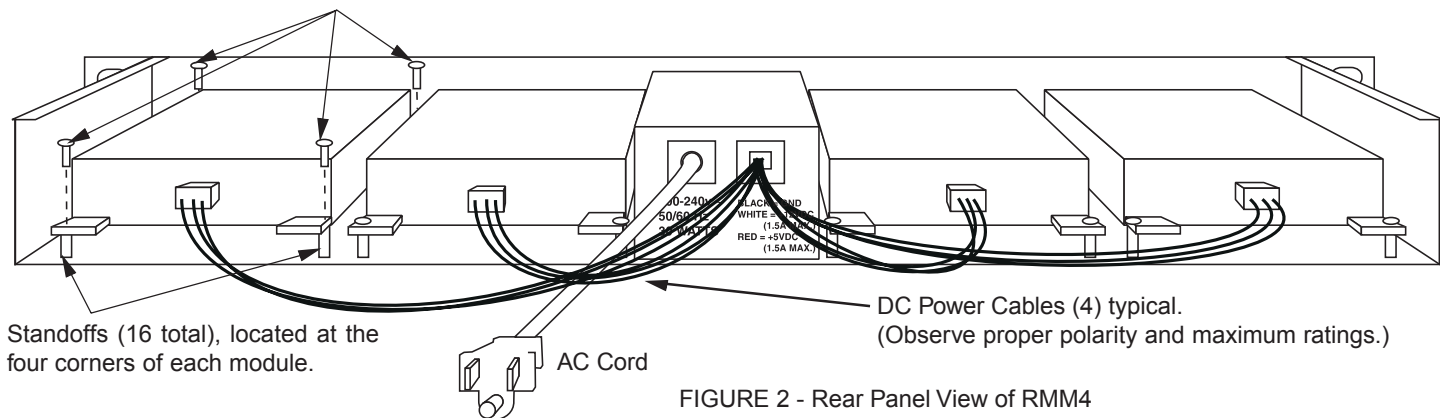


FIGURE 2 - Rear Panel View of RMM4

**MODULE INSTALLATION**

All mini modules install through one of the four openings in the front panel of the RMM4. Each module is installed with the handle toward the right-hand side of the RMM4 unit. Each module should be secured with #4-40 x 1/2" screws via mounting tabs/holes at the four corners of each module. DC power cable connections, and any other module-to-module interconnections, should be made to each module prior to mounting the RMM4 system into the rack. Observe proper polarity of cable connectors.

**RACK MOUNTING**

Adequate ventilation is very important in multi-channel installations. Units should be spaced apart by at least one panel height wherever possible, and some air movement is advisable in enclosed rack cabinets. Excessive heat will shorten component life and system performance will be degraded without proper cooling.

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