

RMM12 Rack Mount

The RMM12 Rack Mount supports a single Drake Power Supply and up to (12) modular Audio/Video modulators to configure a professional quality, modular, headend system, which optimizes rack space. Up to (12) Drake Video Modulators, in any combination, can be supported as well as combinations of video modulators with Drake Video and/or Audio Switching modules.

Identify the following items shipped with this kit of rack mount assembly and cable assembly:

- (1) RMM12 Rack Mount chassis.
- (1) Wire, ground bonding chassis to power supply (P/N: 2700017).
- (1) Cable Assembly, 37-pin D connector (male) to (12) fan-out 3-Ckt connectors (female) (P/N: 2707362).
- (2) End Caps, Black (P/N: 4802616).

Installation:

Adequate ventilation is very important in multichannel installations. Rack 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 the life of components and individual module(s). Power supply performance will also be degraded without proper cooling.

If desired, the supplied black end caps can be installed over the mounting ears of the RMM12 and secured by the rack support screws.

Locate the Power Supply (sold separately). Prior to sliding the power supply into the right-hand side top and bottom slide rails of the RMM12, loosen the #6-32 screw located on the top surface of the power supply. Position the free end of the ground wire lug (other end of wire fastened to RMM12) under the #6-32 screw, and tighten the screw to secure the ground wire. Slide the power supply into the RMM12.

If necessary, use the following steps to remove the Drake Power Supply from the rack:

1) Remove the module immediately adjacent to the Drake Power Supply. Be aware that the module power cable will become disconnected from the rear when the module is removed.

2) Now grasp the edge of the Drake Power Supply front panel and remove the unit from rack.

3) Reconnect the module power cable then replace the adjacent module as required.

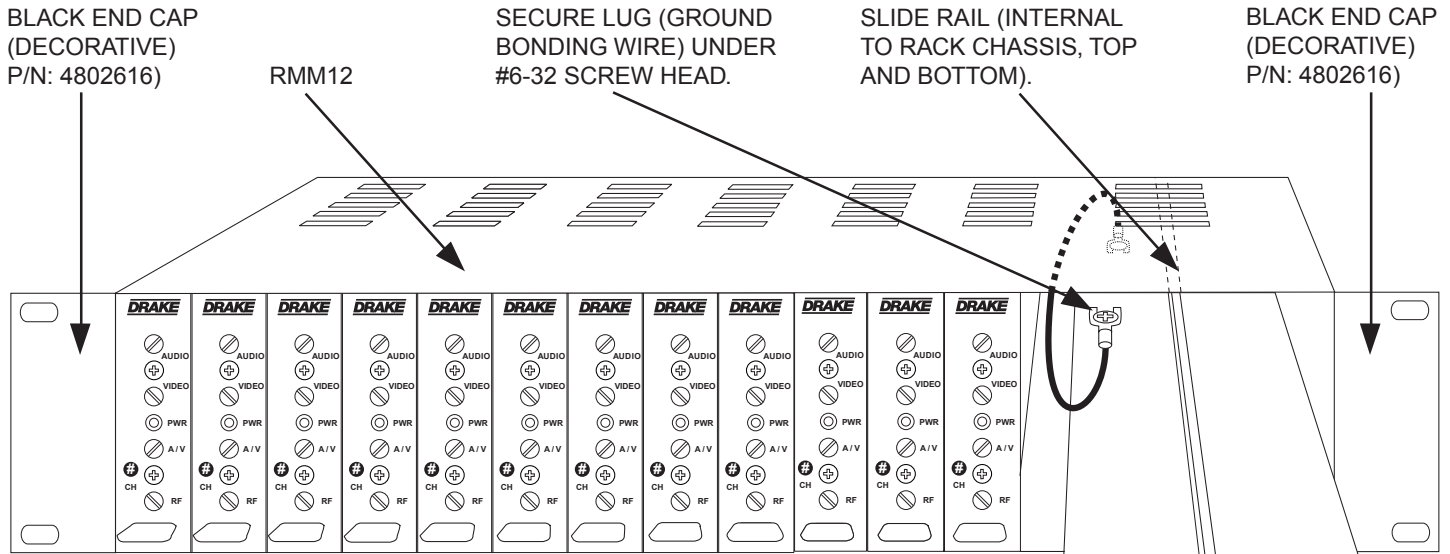


FIGURE 1 - Front View of Rack Mount System with Power Supply

RMM12 Rack Mount, continued

With the Drake Power Supply installed in the RMM12, connect the 37-pin D connector to the mating connector at the rear of the Drake Power Supply. Slide individual modules (maximum of 12 units) into the desired rack locations. Connect one 3-Ckt connector to the rear panel power input connector of each installed module. Connect the shorter 3-Ckt cables to the modules that are located closer to the power supply, and

longer cables to the modules located farther from the power supply. Avoid stretching the cables or routing them where damage to the cable is likely.

After the desired modules are installed into the RMM12 and the RMM12 is secured in the rack, connect the power supply to a source of AC power.

