

# DRMM4 Rack Mount

The DRMM4 is a 1RU rack mount carriage with a built-in power supply. The assembly accepts up to four, 1 unit wide digital component series modules, such as the DDC806, DUC550, or DUC860.

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.

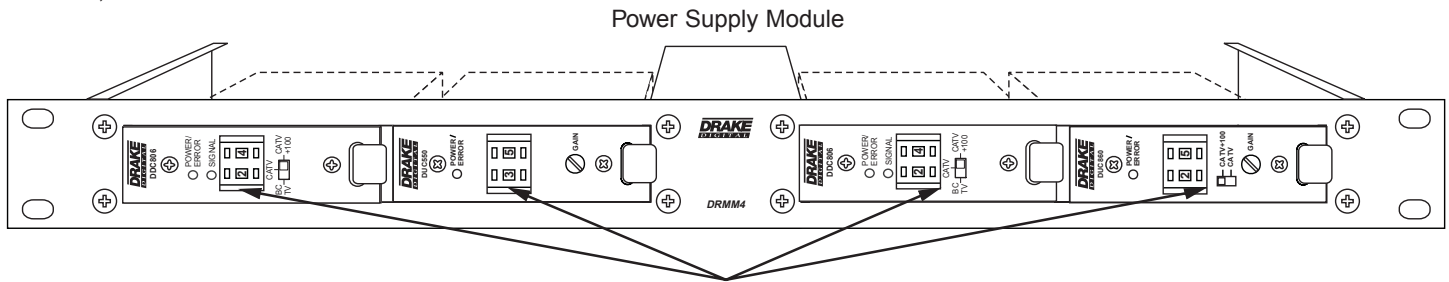


FIGURE 1 - Front Panel View of DRMM4.  
Space allows for up to four digital modules (modules not included).

## SPECIFICATIONS:

### GENERAL

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

### 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 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),  
(with power supply and no modules installed).

## INSTALLATION

Secure modules to the DRMM4 using the supplied #4-40 x 1/2" PAN PHL screws (R. L. Drake part # 3320351) at the two corners of each module as shown. No screws are required for the front standoffs.

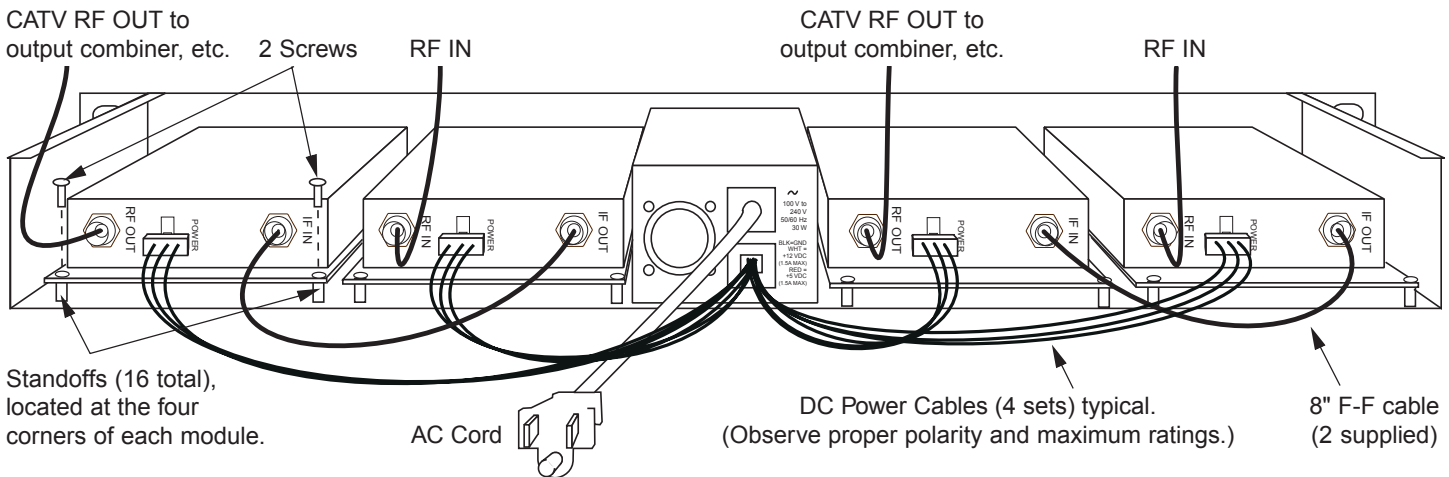


FIGURE 2 - Typical Installation with 2 DDC806 modules and a DUC550 or a DUC860

## MODULE INSTALLATION

All modules install through one of the four openings in the front panel of the DRMM4. Each module is installed with the handle toward the right-hand side of the DRMM4 unit. Each module should be secured with #4-40 x 1/2" screws via mounting tabs/holes at the two rear 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 DRMM4 system into the rack. Observe proper polarity of cable connectors.

## RACK MOUNTING

Adequate ventilation is very important in multichannel 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.