Miranda™ Presmaster Setup

This device was tested with MC1-MK version 3.0, 3.1, and 4.0.

Cable Connections

The Miranda™ Presmaster communicates with the MC1-MK via a serial connection. Refer to **Figure 1** on the following page for a cabling overview.

Presmaster to MC1-MK

The Miranda™ Presmaster connects to the MC1-MK using a standard cable connector such as CAT-5 or CAT-5e on one end to connect to the. Refer to **Table 1** for pinouts for the **Serial COM** port on the MC1-MK rear module (8320AR-033). Ross Video does not supply this cable.

Table 1 Serial Pinouts on the MC1-MK

RJ45 Pin	RS-232	RS-422
1	n/c	Tx+
2	Rx	Tx-
3	Tx	Rx+
4[a]	+12V	+12V
5[a]	+12V	+12V
6	n/c	Rx-
7	GND	GND
8	GND	GND

a. Pins 4 and 5 provide +12V.

MC1-MK Setup

This section outlines how to configure the MC1-MK to communicate with the Presmaster via a serial protocol.

To set up communications

1. From the Tree View in DashBoard, expand the node for the MC1-MK you want to access.
2. Select the **Configuration** node to display the interface in the right-half of DashBoard.
3. Select the **Config** tab.
4. Select the **Remote Control** tab.
5. Select the electrical standard from the **Port Type** menu. This must match the serial cable type you used in the previous section.
6. Select **Presmaster** from the **Protocol** menu located in the Serial Port area of the tab.

***Operating Tip** — The Bit Rate, Data Bits, Parity, and Stop Bits values are reset to their default values when a different Protocol is selected.*

7. Use **Table 2** to set the required parameters for the Presmaster.

Table 2 Setup Parameters

Parameter	Setting
Bit Rate	38400
Data Bit	8
Parity	Even
Stop Bit	1

8. Select the **Port Enabled** box. When the Port is disabled, any incoming data on the serial port is discarded by the card.

Presmaster Setup

Refer to your Presmaster documentation for details on setting up your device to communicate via a serial protocol.

OG3-FR Series Frame

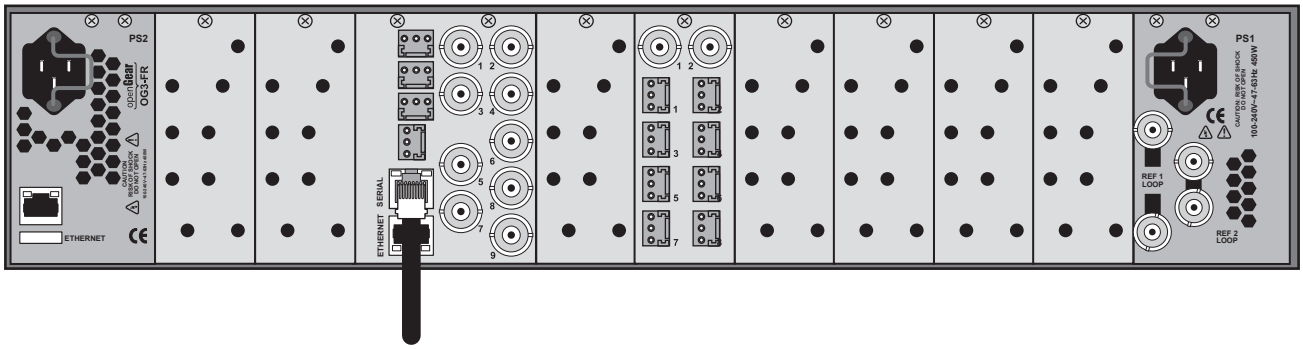

Figure 1 *Cabling Designations*