MDC4T8RJ/MDC8T8RJ
Combined Telephone and COAX Distribution Panel

Installation Guide
Description

The MDC4-T8RJ/ MDC8-T8RJ Coax and Telephone Distribution Module provides distribution between a single incoming coax signal (TV or Cable TV) and up to four (4) locations (MDC4-T8RJ) or eight (8) locations (MDC8-T8RJ), two (2) Satellite TV signals to two (2) locations, and four (4) incoming telephone lines to eight (8) locations. Please be sure to review this installation guide carefully prior to installing the module.

Installing the MDC4T8RJ/MDC8T8RJ

Connecting TV and Cable TV

1. Route a RG6 coax cable between the video source (antenna or Cable TV) and the distribution module.

2. Connect the RG6 coax cable to the coax input on the underside of the module to either the single port of the 4-way splitter (MDC4-T8RJ) or to the 8-way splitter (MDC8-T8RJ).

3. Connect the RG6 coax cable running to the rooms (premise wiring) to the outputs (8 or 4) on the front of the coax and telephone distribution module.

Installing Telephone lines

1. Route a CAT5e twisted pair cable between the NID (The NID or network Interface Device is installed by the phone company) and the coax and telephone distribution module.

2. Identify the CAT5e wire running from the module to each of the rooms (premise wiring) and remove two (2) inches of the outer PVC jacket from the end, exposing the four (4) pairs.

3. Terminate each of the premise wires with a n RJ45 Modular Telephone Plug using the 569A termination.

4. Terminate the incoming CAT5e wire from the NID to the 110-style punch down block on the rear of the module. If you are also installing a security system, you can use the RJ31X port on the underside of the module to connect the security system.
*Note:* Make sure that the Tip and Ring is connected to the 110 punch down correctly. In most cases the Blue/White is first and then the White/Blue. Follow the same pattern with the remaining colors. The Tip & Ring is important so that the RJ31x port will work properly.

5. Plug the premise wiring into the RJ45 ports on the front of the module. If you are using a MDP-3 patch module, then use a patch cord to patch from the telephone outputs to the zones on the MDP-3 patch module.

**Connecting the module to a Security System**

After phone service has been connected to the module, route a CAT5 patch cord between the RJ31x port and the security system. Cut the RJ45 connector off at the Security system end and use the following diagram to connect the phone service to the security system and to the module.
R  R  T  T
1  2  3  4  5  6  7  8

Incoming Phone Line
(Take to Security System)

House Phones
(From Security System)

RJ31X Layout