

PKG-CCRP

FIBER OPTIC REMOTE FOR EXELIS RO™ TACTICAL RADIO

fiberplex
TECHNOLOGIES, LLC



Radio and Handset not included

Overview

The PKG-CCRP is a two part solution providing a fiber optic remote extension of the Exelis RO™ Tactical Radio handset / data port to a desk set monitor. The solution allows the radio to be mounted in a convenient location to allow a shorter permanent antenna cable, maximizing the signal strength, while allowing the radio to be used in a location where it may not normally function.

The 2U high rack mount chassis provides power regulation for the radio, local connector access for install verification/configuration/monitoring, and a fiber optic interface for remote connection of the radio accessory port. All installed devices are modular and can be easily accessed from the rear of the chassis. Front panel LEDs show system power and radio PTT status.

The desk set monitor provides for connections of the same radio accessories (handset, headset, PDA device, etc.) as well as a separate rear serial port (standard 9 pin connector) for connection to a PC or other serial device while allowing for monitoring of incoming audio via the desk set speaker. Separate volume controls allows adjustment of the handset volume apart from the monitor speaker volume. The monitor speaker has a mute control, allowing quick silencing of the speaker without having to adjust the volume. LED indicators show the monitor speaker mute status as well as fiber link status. The rear serial port allows simultaneous data and audio use.

Features:

Radio Rack (RMC-CCR):

- Provides housing and power for an Exelis RO™ Tactical Radio
- Hot Swappable Redundant Power Supplies
- Supports all functions of the RO™ Tactical Radio including PTT and serial data connection
- Front panel access for local handset connection
- Local / Remote selector
- Status indicators
- Includes all radio connections
- Easy access for external antenna connection

Desktop Remote (CCR-B):

- Full handset support
- Built-in speaker for audio monitoring
- Separate volume control for handset and speaker
- D9 Serial port connector for remote radio monitoring



PKG-CCRP rear