

QuickLinx-M Mobile Command Center Family



Two Radio System



System Components

NCS-C250AM19 Mobile Multi-Switcher

The heart of the M series is an NCS-C250 Mobile Multi-Switcher. This "Mini Dispatch Console" connects up to four



radios to one microphone and two speakers. The console provides Selected and Unselected audio control and provides a crossbanding function with COR or VOX functionality. For a complete description of the C250 Mobile Multi-Switcher, see the [NCS-C250 Mobile Multi-Switcher](#) page.

NCS-C251M19 Expansion Unit (for 5 to 8 radio system configurations)

Three Radio System



When the system contains more than 4 radios, an NCS-C251 Expansion Unit is included and connected to the C250. The C251



connects up to four (4) additional radios and provides the same functionality as the C250.

Mobile Radios (Customer Supplied)

Available configurations support 2 to 8 radios. All radios are supplied pre-programmed by the customer.

Radio Interface Cables

Cables to connect the NCS-C250 and NCS-C251 with the radios are integrated in the system.

Radio Antennas and Cables

Antennas and cables are customer supplied. Connections are provided on a panel accessible from the rear of the case. The connectors can be labeled or of different series (N, UHF, etc) in order to eliminate operator error. Some cases may have adequate space to store the cables.

Four Radio System



DTMF Microphone

A DTMF microphone (Model Number NCS-E214)



is included.

Speakers

Two speakers are included to provide Selected & Unselected Audio.

AC/DC Supply(s)

The system contains a 12 V @ 50 A switching power supply. The supply is mounted on a shelf unit that can house up to five power supplies. Additional supplies may be added to supply current up to 140 A.

Five Radio System



Battery Module

The Battery Module allows the 12 VDC power supply, along with an external battery, to function as an Uninterruptible Power Source (UPS). The unit acts as an interface between the AC/DC power supply, an external battery and the radios. In case the output of the AC/DC power supply fails, the external battery will start feeding the load immediately thus ensuring un-interrupted DC power to the radios.

Power Distribution Panel

A fused power distribution panel is included. The C250, C251, C410 (s) and all radios are connected to the panel. In addition to circuit protection the panel simplifies the process of repair and replacement of the individual components.

External AC Extension Cable

The system contains a 50 foot AC extension cable in addition to the 6 foot AC cable that connects the internal AC/DC power supply to an external AC source.

External DC cables

The system contains a cable to connect to an external DC source.

Transportable Rack Case

The system is housed in a rack mount case selected by the customer. Some cases have shock mounts for rugged environments. Others are available with rollers and a retractable handle for easy transportation. Finally, some cases have additional space available to store external power and antenna cables. Please inquire about available case designs.

Six Radio System



NCS-C410 Audio & PTT Delay Module(s) (Optional)

The system may contain optional NCS-C410 Audio & PTT Delay Modules installed between the NCS-C250 or NCS-C251 and any trunked radio. The C410 provides a user selectable audio and PTT delay of 0, 50, 100, 200, 400, 800 or 1600 msec.



Seven Radio System



Eight Radio System

