

*The QuickLinx M Series
is a family of mobile
command centers housed
in a transportable rack case for easy
transportation. The QuickLinx M Series
system is available in a variety of
configurations comprising from two
to eight customer supplied radios.
NCS integrates the radios with the
NCS-C250 and NCS-C251, if required,
along with necessary radio interface
cabling, AC/DC power supply,
and cabling to connect to an
external power source.*



QUICKLINX M SERIES

A family of mobile command centers



*For More Information
Phone 888.883.5788
Or Visit www.ncsradio.com*





2 Radio System (5U)



3 Radio System (7U)



4 Radio System (7U)



5 Radio System (10U)



6 Radio System (10U)



7 Radio System (12U)



8 Radio System (12U)

System Components

- NCS-C250AM19 Mobile Multi-Switcher
- NCS-C251M19 Expansion Unit (for 5 to 8 radio system configurations)
- Mobile Radios (Customer Supplied)
- Radio Antennas with cables (Customer Supplied)
- Radio Interface Cables
- DTMF Microphone
- Speakers
- NCS-C410 Audio & PTT Delay Module(s) (Optional)
- AC/DC Supply(s)
- Battery Module
- Power Distribution Panel
- Power Control Switch
- External AC Extension Cable
- External DC cables
- Transportable Rack Case
- User Manual

NCS-C250

The heart of the M series is an NCS-C250 Mobile Multi-Switcher. This “Mini Dispatch Console” connects up to four (4) radios to one (1) microphone and two (2) speakers. The console provides Selected and Unselected audio control and provides a crossbanding function as well. The built in crossband repeater has COR or VOX functionality. The unit also contains the Multi-Cast, Hook-Switch, and Sidetone features. The Multi-Cast feature provides simultaneous broadcast on 2, 3 or 4 radios. Hook-Switch sends a “off-hook” signal to selected radios when the microphone is taken off hook. The Sidetone feature will accommodate recording of all audio, transmit & receive, at the speaker outputs.



NCS-C250
Mobile Multi-Switcher

NCS-C251

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.



NCS-C251 Expansion Unit

Radios

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

Radio Antenna Cables & Interconnects

The radio antenna cables are customer supplied. Cable connections will be provided on a panel accessible from the rear of the case. The connectors will be labeled in order to eliminate operator error. Some cases may have adequate space to store the cables.

Radio Interface Cables

Cables to interface the NCS-C250 and NCS-C251 with the customer's radios are integrated in the system.

Speakers

Two speakers are included to provide Selected & Unselected Audio separation.



NCS-C410
Delay Module

Audio & PTT Delay Module (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.

DTMF Microphone

A DTMF microphone (Model Number NCS-E214) is included in the system.



NCS-E214
DTMF
Microphone

AC/DC Power Supply

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

Battery Module

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

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.

Power Control Switch

The system possesses a Power Control Switch with cover to prevent accidental On/Off switching of the system.

External AC Power Cable

The system contains a 50 foot AC cable. The cable connects to a fused outlet on a panel accessible from the rear of the case.

External DC Power Cable

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

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.