



### Features

- ⊗ Expands capability of NCS-C250E from 4 radios to 8 radios
- ⊗ Automatic sync process with C250E
- ⊗ Works with Trunked or Conventional, Digital or Analog radio systems
- ⊗ COR or VOX operation configurable for each radio
- ⊗ Intuitive Control Panel

The NCS-C251E is designed to operate with the NCS-C250E acting as the primary unit of control. It provides connections for 4 additional radios. The combined units will support 8 radios with the same features as a single NCS-C250E. All options available on the NCS-C250E are also available in this configuration to enhance operation. Specific features such as the ability to configure each radio port for COR or VOX and Hook-Switch (Off Hook Signal) are included as standard features in the basic C251E. An interconnect cable is provided with the Expansion Unit to connect with the NCS-C205E.

The NCS-C250 Mobile Multi-Switcher is an interoperable solution best suited for First Responders that utilize multiple radios such as police, fire and EMS personnel. However, many customers have purchased the unit for dispatch purposes. The unit in combination with the C251E connects eight radios to one microphone and two speakers. Specific features such as crossband repeating of up to 8 radios (COR or VOX configurable), Hook-Switch (Off Hook Signal), Select/Unselect audio control and muting, and PA output make the unit more than a “microphone switch.”

The NCS-C250E & C251E can be configured in systems to provide sharing of radios between multiple units, thereby reducing the number of radios required and resulting in a reduction of overall system cost.



*NCS-C250E*

### OPTIONS

#### Multi-Cast (Simulcast):

This option provides the ability to broadcast on multiple radios simultaneously. This feature may be enabled or disabled by the user.

#### Sidetone:

This option mixes transmit (microphone) audio at a suppressed level with the Selected radio's receive audio to provide aural feedback when using a headset. This feature can be enabled or disabled by the operator.



*NCS-C250E & NCS-C251E Combination*

### ***General Specifications***

**Dimensions:** 1.9" H x 6.55" W x 7.22" D (4.6 cm x 16.3 cm x 18.0 cm)

**Weight:** 2.0 lbs (0.91 kg)

**Temperature Range:** 0° to +50°C

**Power Requirements:** + 12 to +15 VDC @ .25 A typical

**Memory Protection:** Radio Selection Switches preserved in non-volatile memory

### **Front Panel Controls**

**Power:** On/Off Pushbutton switch with Red LED Indicator

**Radio Select (5-8):** Momentary Pushbutton Switch with Green LED Indicator for Busy and Red LED Indicator for Selected (SEL) Audio

**Sync Indicator:** Yellow LED Indicator

### **Rear Panel Connections**

**Radio Interface Connectors (5-8):** RJ-45

**Expansion Port:** 13 pin Female DIN

**DC Power:** 6 inch pigtail terminated in an Anderson Power Pole PP-15 connector connected to internal auto reset fuse

### **Accessory Kit (supplied with unit)**

**Mounting Bracket:** NCS-MTG501

**Mounting Bracket Hardware:** Qty 2 Knobs with 10-32 Threaded Studs

**Power cable:** 10 feet of 18 AWG wire terminated with mating power pole connector with clamp

**Rubber Feet:** Qty 4 for desktop use

**Expansion Cable:** 2 feet (for connecting to NCS-C250E)