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NCS-C410 Trunking Delay Module
Instruction Sheet

Introduction
The NCS-C410 Trunking Delay Module installs between any RAD port of the NCS-C250/C251 or NCS-C150 and a Trunking Radio. The purpose of the module is to delay the transmitted audio and PTT release while the Trunking Radio acquires a channel from the Trunking Radio System controller. This prevents voice from being lost during the trunking handshake.

Items Supplied
Items supplied with the NCS-C410 are:
1. NCS-C410 Trunking Delay Module
2. NCS-C410/NCS-C250/C150 Interface Cable
3. NCS-C410 Power Pigtail
4. This Instruction Sheet

Note that the Radio Interface Cable is supplied separately.

NCS-C410 Installation
The Trunking Delay Module is installed between the NCS-C250/C251 or NCS-C150 and the Trunking Radio as shown in the diagram on the following page. The Power Pigtail should be connected to a regulated 12-16VDC power source capable of at least 250mA. When power is applied correctly, the Green Power LED will be illuminated.

NCS-C410 Setup and Operation
The NCS-C410 has an adjustment on the side for setting the total Trunking Channel Acquisition delay. Turn this control using a small screwdriver to equal or exceed the maximum delay expected from the trunking system. Available values (also shown on the unit's label) are: 0ms, 50ms, 100ms, 200ms, 400ms, 800ms, 1600ms and 3200ms.

During operation, when the trunking radio is selected and keyed from the C250/C251 or C150, the radio will key for at least the set delay period and transmitted audio will be transmitted complete during this time. When PTT is released from the C250 or C150, the PTT to the radio and transmitted audio will cease after the set delay.

NCS-C250
Rear Panel

New Communications Solutions, LLC
— Radio Interface —
DC POWER
RAD 1 RAD 2 RAD 3 RAD 4   EXPANSION   MIC   EXT MUTE   SPEAKERS

NCS-C410/NCS-C250

NCS-C410
Trunking Delay Module

Radio →

To 12 VDC

NCS-C250

Radio Interface Cable

Power On Indicator

Trunking Radio