CO││comm inc   *NCS-C412 Dual Trunking Delay Module*

Instruction Sheet

Introduction

The NCS-C412 Dual Trunking Delay Module installs between any 2 RAD ports of the NCS-C250/C251 & the NCS-C150 and a Trunking Radio. The module is comprised of 2 independent delay circuits to support 2 Trunking radios. 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 transmissions from being lost or "chopped" during the channel assignment (trunking handshake).

Items Supplied

Items supplied with the NCS-C412 are:

1. NCS-410-TRM-01.5 *(NCS-C412 to NCS-C250/C251/C150 Interface Cable)* [Qty 2]
2. NCS-C412 Power Pigtail [Qty 1]
3. Mounting Bracket Kit *(Brackets (x2) & Screws (x8))* [Qty 1]
4. Rubber Mounting Feet [Qty 4]
5. This Instruction Sheet

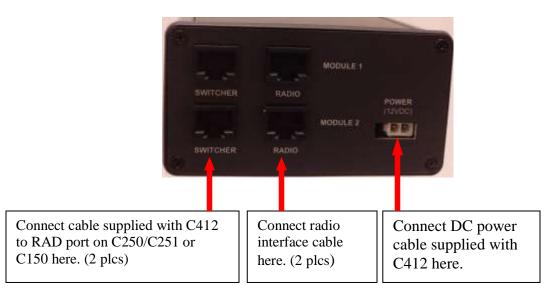   *Note that the Radio Interface Cable is supplied separately.*

NCS-C412 Installation

The Trunking Delay Module is installed between any RAD port on the NCS-C250/C251 & the NCS-C150 and a 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 500mA. When power is applied correctly, both Green Power LEDs (one for each circuit) will be illuminated.
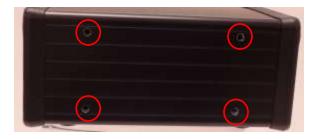
NCS-C412 Setup and Operation

The NCS-C412 has an adjustment on the front for setting the total Trunking Channel Acquisition delay for each independent Delay circuit. 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 front panel) 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.

Rear of C412

Connect cable supplied with C412 to RAD port on C250/C251 or C150 here. (2 plcs)

Connect radio interface cable here. (2 plcs)

Connect DC power cable supplied with C412 here.

Side of C412

Mounting Bracket Holes (x4 each side). Bracket can be positioned to secure C412 for top or bottom attachment.
CAUTION: Only use supplied screws (#6 x ¼ sheet metal screws).