



Introduction

The NCS-C411 Trunking Delay Module installs between any RAD port of the NCS-C250/C251 & the NCS-C150 or the RAD1 port on the NCS-C151 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 transmissions from being lost or “chopped” during the channel assignment (trunking handshake).

Items Supplied

Items supplied with the NCS-C411 are:

1. NCS-410-TRM-01.5 (*NCS-C411 to NCS-C250/C251/C150/C151 Interface Cable*) [Qty 1]
2. NCS-C411 Power Pigtail [Qty 1]
3. Mounting Brackets Kit (*Brackets (x2) & Screws (x4)*) [Qty 1]
4. Rubber Mounting Feet [Qty 4]
5. This Instruction Sheet

Note that the Radio Interface Cable is supplied separately.

NCS-C411 Installation

The Trunking Delay Module is installed between any RAD port on the NCS-C250/C251 & the NCS-C150 or the RAD1 port of the NCS-C151 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 250mA. When power is applied correctly, the Green Power LED will be illuminated.

NCS-C411 Setup and Operation

The NCS-C411 has an adjustment on the front 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 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, C150 or C151, 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, C150 or C151, the PTT to the radio and transmitted audio will cease after the set delay.

Rear of C411



Connect cable supplied with C411 to RAD port on C250/C251, C150 or C151 here.

Connect radio interface cable here.

Connect DC power cable supplied with C411 here.

Side of C411



Mounting Bracket Holes (each side).
Bracket can be positioned to secure C411 for top or bottom attachment.

CAUTION: Only use supplied screws (#6 x 1/4 sheet metal screws).