INSTALLATION/OPERATION INSTRUCTIONS
U3811 RADIO INTERFACE MODULE

DESCRIPTION

The U3811 Interface Module is designed to combine the transmit and receive functions of a mobile radio with the David Clark Company Series 3800 Intercom System. The U3811 has a headset jack, push-to-talk (PTT) button, radio input connector and intercom output connector. A listen volume control on the U3811 controls this person's headset volume only. The important feature of the U3811 is that while the PTT button is depressed, the headset plugged into this module is the only one with the capability to transmit over the mobile radio.

INSTALLATION

1. Select a mounting location where the headset cord will not interfere with the operator's job function or otherwise force actions that may jeopardize safe operation when using the module's PTT button.

2. Mount the U3811 by placing one grommet between each of the four mounting brackets and the mounting surface. Grommets are provided with the module but fasteners are not. The type of fasteners selected should be based on mounting location.

3. All cords have military type screw-on connectors. Install cords as follows:

    a. Align key-way slot on cord connector with key in threaded connector on module.
    b. Insert pins into socket until firmly seated.
    c. Hand tighten swivel nut on cord connector.

4. A C3821 Radio Interface Cord is required to connect the mobile radio to the U3811. Following the schematic supplied with the C3821, install the six-wire end of the cord to the mobile radio and the six-pin end to the "Radio Input" connector on the U3811.

    NOTE: When more than one U3811 Radio Interface Module is installed to a common radio, the audio low and audio high lines to only one U3811 Radio Interface Module should be connected to the receive audio output of the radio.

5. A C38-XX Jumper Cord, of desired length, is required to connect the U3811 to a U3800 Master Station or another Remote Headset Station. Connect one end of the C38-XX to the "System Input" connector on the U3811 and the other end to the "Remote Output" on the U3800 or to any "Input" or "Output" connector on a Remote Headset Station.

OPERATION

1. The receive audio of the radio will be heard in all the U3800 system headsets. Again, keep in mind that the U3811 module limits radio transmit capability to the person whose headset is plugged into the module.

2. Adjust headset for a comfortable fit. Position the boom-mounted microphone directly in front of your mouth, no more than 1/8 inch from your lips.

3. To transmit over the radio, depress and hold the PTT button. Release the button to listen.

    NOTE: Radio speakers mounted near the headset may produce feedback, causing a squeal when transmitting. If this occurs, measures may have to be taken to reposition speakers or to add a cut-off switch to the speaker line.