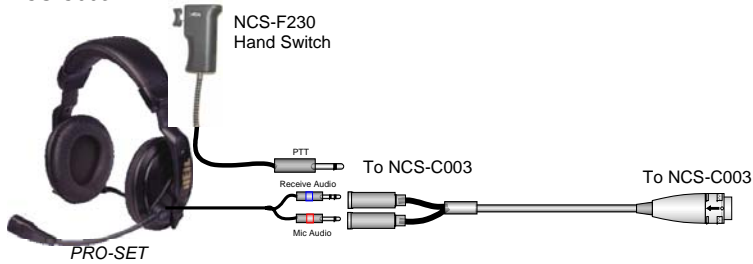
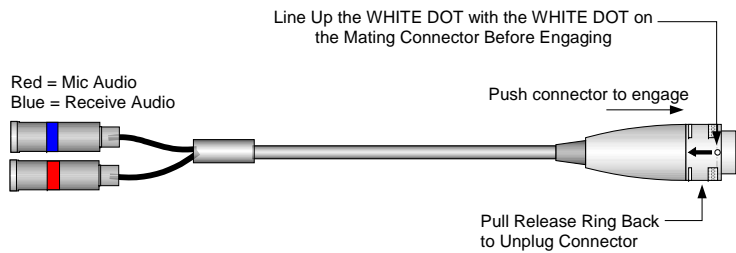


### Using the *Pro Set iC* with the NCS-C003 Headset Interface Box

To connect the *Pro Set iC* to the NCS-C003 Headset Interface Box requires the NCS-003-HHS-0.7 Headset Adaptor Cable. The two *Pro Set iC* 3.5 mm phone plugs connect to their respective jacks on the Headset Adaptor Cable. Make sure that the colors of the plugs and jacks match. The optional NCS-F230 Hand Switch is connected directly to the ¼ inch phone jack on the front of the NCS-C003.



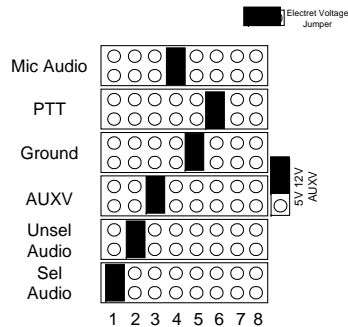
### NCS-003-HHS-0.7 Headset Adaptor Cable



### Installation of Microphone Jumpers in the NCS-C250

Microphone jumpers must be installed in the NCS-C250 to match the pin outs of the NCS-C003 Headset Interface Box. The proper installation of the mic jumpers for use with the NCS-C003 and adaptor cable is shown below. After all jumpers are installed refer to the NCS-C250 Instruction Manual and set the mic audio level for proper audio output.

The *Sel Audio* and *Unsel Audio* jumpers can be swapped to reverse the audio in the headset earpieces.



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## NCS-E305

## Heil Sound *PRO-SET iC* HEADSET



## Features

- ❖ Full Ear Muff with 40 dB of Outside Noise Rejection
- ❖ Speaker Phase Reversal Switch
- ❖ Adjustable Boom
- ❖ Stereo Headset for Dual Receiver Operation

## Mechanical Adjustments

The microphone boom has a steel rod inside that can be easily bent to place the microphone holder in the desired position.

## Microphone Element

The Heil *PRO-SET iC* is equipped with an electret microphone element. This element has a wide frequency response for full voice range articulation. The element is optimized with an increased output of +6 dB at 2000 Hz (middle of the human voice pattern).

## Proset iC Termination

### Microphone Audio

The microphone audio cable for the *PRO-SET iC* is terminated with a 3.5 mm mono phone plug. A RED band around the plug housing identifies this phone plug.

### Earpiece Audio

The earpiece audio cable is terminated with a 3.5 mm stereo phone plug. A BLUE band around the plug housing identifies this phone plug.



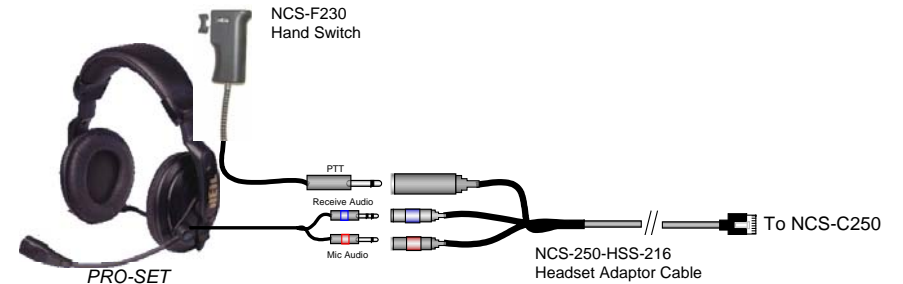
## Speaker Phase Reversal Switch

The Phase Reversal Switch allows the operator to acoustically “move” the signal being monitored just by reversing the phase switch. This feature is best used when monitoring multiple signals as in HF operation. In one position the signals appear to be centered between the two speakers while the other position creates a spatially widening sound field that appears to “spread” multiple signals making the desired signal easier to copy.



## Using the *PRO-SET iC* with the NCS-C250 Mobile Multi-Switcher

To connect the *Pro Set iC* to the RJ45 mic jack on the NCS-C250 requires the NCS-250-HHS-216 Headset Adaptor Cable. The RJ45 plug on the adaptor cable connects to the mic jack on the front or rear of the NCS-C250. The two Pro Set 3.5 mm phone plugs connect to their respective jacks on the Headset Adaptor Cable. Make sure that the colors of the plugs and jacks match. The optional NCS-F230 Hand Switch is connected via the 1/4 inch phone jack on the Headset Adaptor Cable.



## NCS-250-HHS-216 Headset Adaptor Cable



## Installation of Microphone Jumpers in the NCS-C250

Jumpers must be installed in the NCS-C250 so that the RJ45 mic jack pin-outs on the front and rear panels match that of the NCS-250-HSS Headset Adaptor Cable. Refer to the NCS-C250 Instruction Manual for detail instructions on setting these jumpers.

The proper placement of the mic jumpers for use with the NCS-250-HSS Headset and adaptor cable is shown below. After all jumpers are installed refer to the NCS-C250 Instruction Manual and set the mic audio level for proper audio output.

