



**C98-50LN
 System Cable
 P/N 40893G-12**

INSTALLATION SHEET

The C98-50LN System Cable interfaces a H9800-series headset with the David Clark Series 9800 Marine Intercom System, and allows for the installer to trim the length of the cable as needed. The installer must also attach the mating connector (P/N 13265P-55). This sheet provides instructions for the proper installation of this connector.

<p>The 13265P-55 Connector Kit contains the following items:</p>	<p>You will need the following parts/tools to complete the installation:</p>
<ol style="list-style-type: none"> 1. O-Ring 2. Twist-Lock Ring 3. Connector Body 4. Rubber Grommet 5. Plastic Compression Ring 6. Backshell 	<ul style="list-style-type: none"> • Wire Cutters • Wire Strippers • Soldering Iron & Solder • 1/8-inch (ID) Shrink Tubing • Silicone Spray

Table 1: Connector Kit Parts & Tools Required

Procedure

1. Cut C98-50LN Cable to length as needed.
2. Slide backshell (6) onto cable (**Figures 2 & 3**)
3. Slide rubber grommet (4) onto cable (**Figures 2 & 3**). Use silicone spray as necessary.
4. Slide twist-lock ring (2) onto cable (**Figures 2 & 3**).
5. Strip cord outer jacket 1/2-inch.
6. Strip individual conductors 1/8-inch.
7. Twist shield together and use shrink tubing to insulate.
8. Solder wires and shield to connector body (3) as indicated. See **Figure 1 & Table 2**.
9. Position compression ring (5) as shown in **Figures 2 & 3**. Note that the ring comes in two halves. Do NOT break them apart. Instead, fold them to make a ring, and position over the thin part of the rubber grommet.
10. Slide grommet with ring into backshell and twist lock backshell onto main connector body (**Figure 3**).
11. Slide O-ring (1) over contact end of the connector.

The connector pin numbers are as follows. Please note this is solder-socket view.

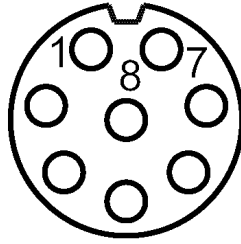


Figure 1: Connector Pin Diagram, solder-socket view

Function	Color	Pin No.
Mic Hi	Red	1
+9V	White	2
Right Ear	Green	3
Ground	Black	4
PTT Hi	Orange	5
Left Ear	Brown	6
Shield	Shield	7

Table 2: Connector Pins & Wire Colors

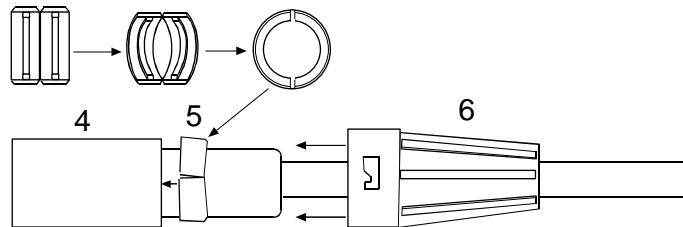


Figure 2: Proper Use of Compression Ring

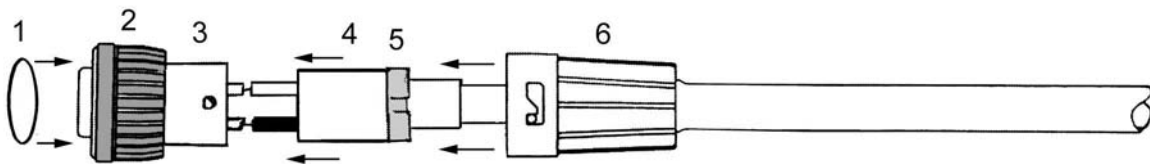


Figure 3: Proper Assembly of Connector onto Cable

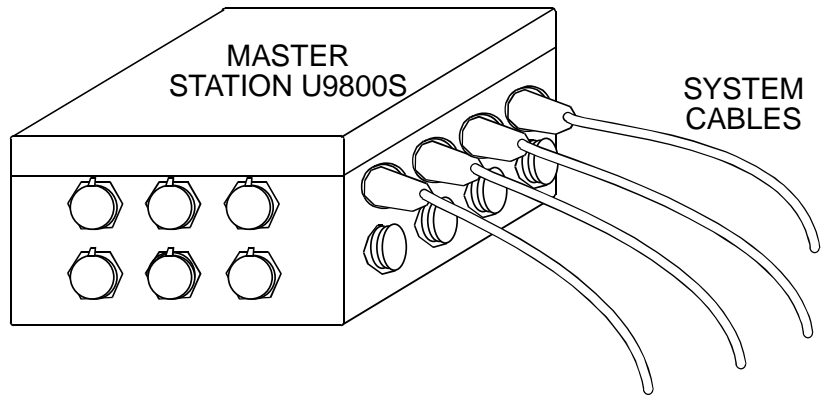


Figure 4: Master Station System Cable Connections

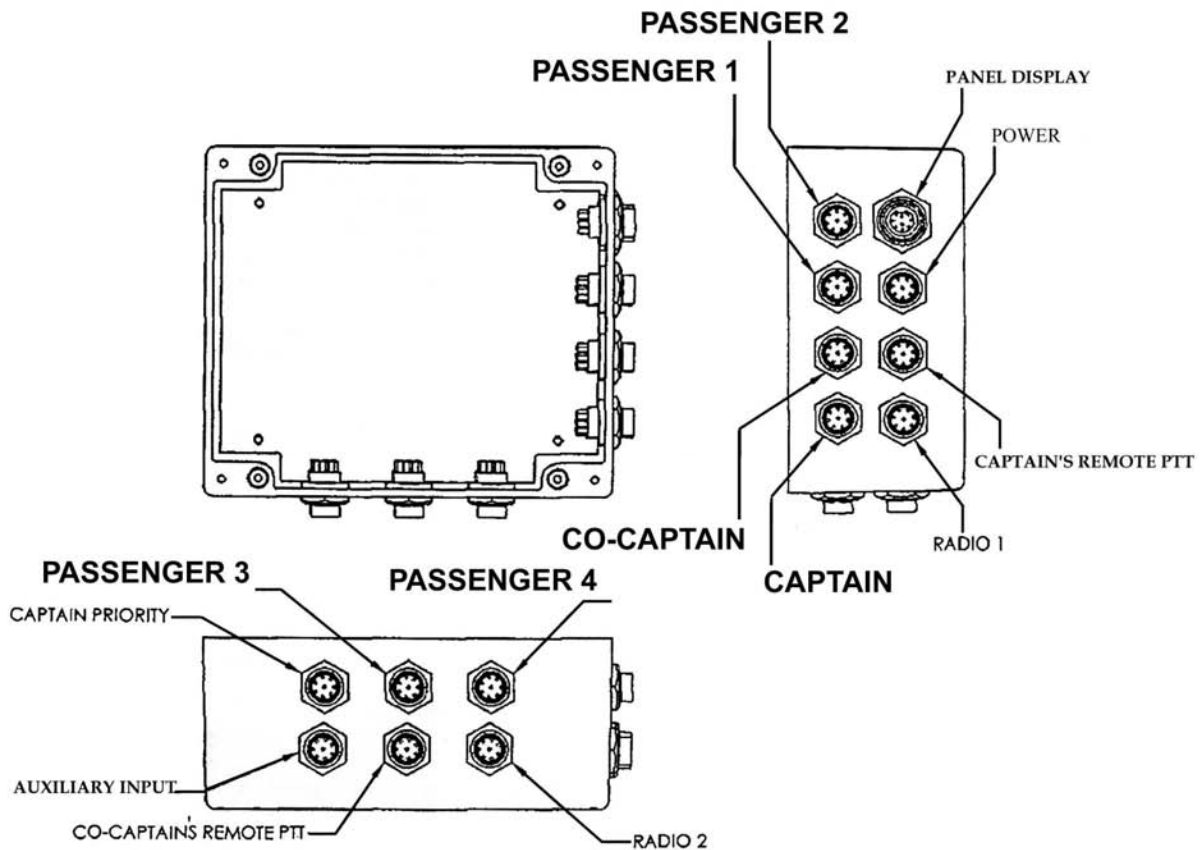


Figure 5: Master Station Connections

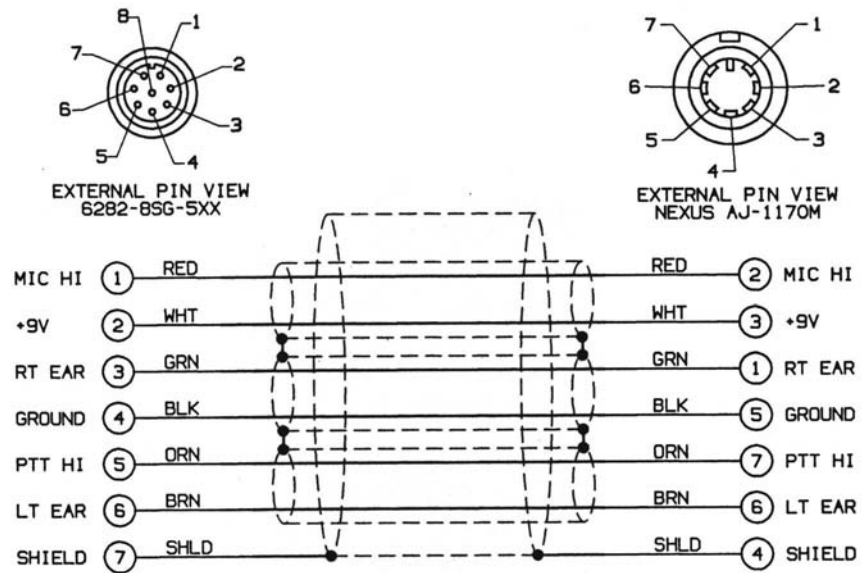


Fig. 6