IDA 40-15 Interconnect interfacing to the RELM DRU2501/DRU4501 Desktop Repeater

The following items are included in the RELM DRU2501/DRU4501 Desktop Repeater interface kit:

1. RELM DRU2501/DRU4501 interface cable assembly.
2. Instruction sheet.

The following steps outline the procedure for interfacing the RELM DRU2501/DRU4501 Desktop Repeater to the 40-15 Interconnect.

1. Set the 40-15 Interconnect up for a bench test and use **_the AVL Installer program_** to set the following operating constants in the installer table to the indicated value:

2. Connection of the 40-15 Interconnect to the repeater is done through the DB-15 connector on the back of the repeater and the DB-25 connector on the back of the 40-15 Interconnect. There are 7 connections between the two at this time

3. Before apply power, ensure that the 40-15 Interconnect is in half-duplex mode by removing J-2. Also ensure that Noise input is in-active by removing jumper J-4 on the 40-15 (the wiring uses COR not NOISE).

4. Complete by attaching modular cable to back of 40-15 Interconnect and to modular phone jack.

DB-15	COLOR	DESCRIPTION	DB-25
1	BLACK	GROUND	12
5	GREEN	Interconnect PTT	5
6	BLUE	+13.8 VDC Switched	25
	YELLOW	+13.8 VDC Switched	13
8	PURPLE	Carrier Operated Relay (COR)	16
10	BROWN	Interconnect RX Audio	17
14	WHITE	Interconnect TX Audio	6

RELM DRU2501/DRU4501 Desktop Repeater Cable Kit
106-RELM4015

Item	Description	Part No.	Qty.
1	CONN DB15 MALE	231-0035	1