

TROUBLE SHOOTING HINTS

INTRODUCTION

In case a malfunction should develop in the HA-460, the trouble-shooting hints given in Table 2 can be used as a general procedure for locating the defective section of the transceiver. Once the defective section has been located, the voltage measurements given in Table 3 can be used as a reference to further localize the malfunction.

TABLE 2—TROUBLE SHOOTING HINTS

TROUBLE	WHAT TO LOOK FOR	WHAT TO DO
Unit inoperative Dial light not on	Power source not connected Open fuse in 12 volt DC power cord Defective power cord	Connect power source Check for short and replace fuse Replace power cord
Unit inoperative Dial light on Tubes lit	Open fuse in B+ power supply Defect in B+ power supply	Check for B+ short and replace fuse Check out B+ power supply and repair
Transmitter inoperative Receiver operating normally	Defective tube in transmitter section Defective microphone push-to-talk switch Defective change-over relay Defect in transmitter section	Check tubes and replace any found to be defective Check switch. Repair or replace as necessary Check relay and replace if necessary Check voltages in transmitter section using Table 3 as a reference
Receiver inoperative Transmitter operating normally	Defective tube or diode in receiver section Defect in receiver section	Check tubes and diodes and replace any found to be defective Check voltages in receiver section using Table 3 as a reference