

ROYAL OBSERVER CORPS - POSTSTHE LOUDSPEAKER TELEPHONE

DESCRIPTION

1. The Loudspeaker Telephone (LST) is line powered and therefore requires no internal batteries.
2. The instrument appears in the form of a lidded box and is automatically connected to line when the lid is open and disconnected when the lid is closed. (Fig B1)

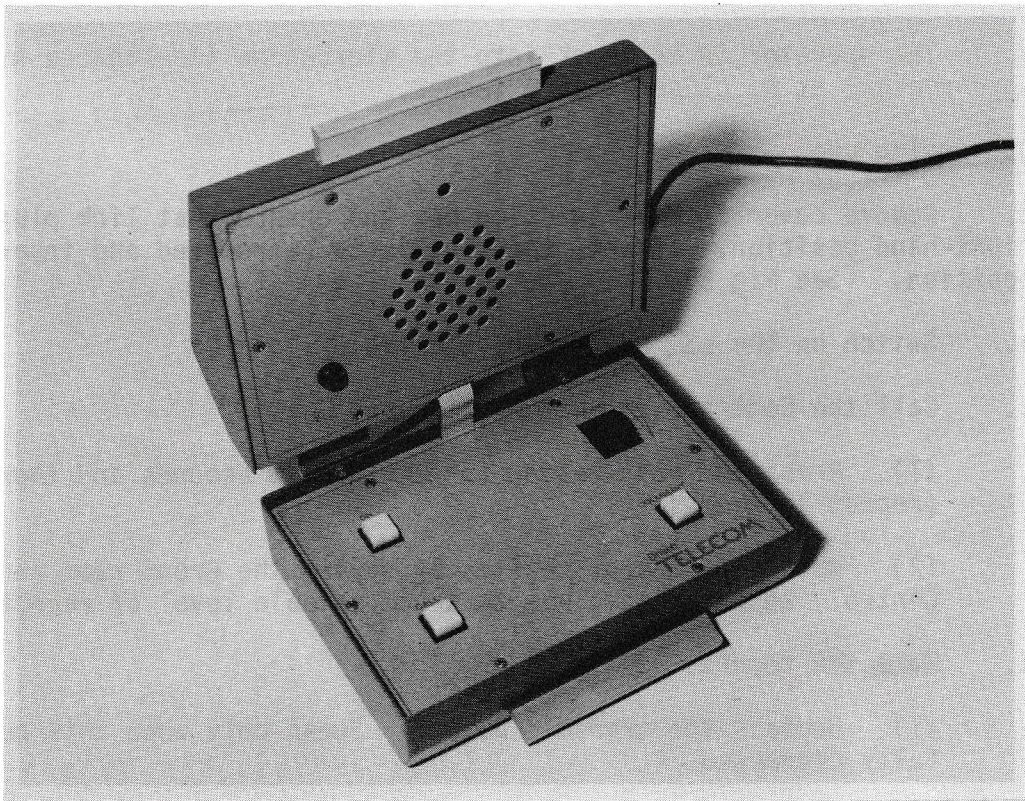


Fig B1
The Loudspeaker Telephone

FEATURES

3. The main features of the LST are:
 - a. ON/OFF lamp indication.
 - b. Call button.
 - c. Transmit button.
 - d. Volume control.
 - e. Microphone.
 - f. Loudspeaker.

OPERATION

4. General:
 - a. The ON/OFF lamp will flash at regular intervals when the line is connected.
 - b. To call the Control, press the call button for at least 5 seconds and then release.
 - c. To speak to the Control, press the Transmit button and release to listen.
 - d. The volume control adjusts only the volume of loudspeaker reception.
 - e. The operator is to speak into the microphone (co-located with the loudspeaker) at no closer than 9 inches.
5. On manning up:
 - a. Remove cover from BT junction box and ensure that link plug is in the right-hand position. If not, the plug is to be removed and inserted in this position. (See Fig B3)
 - b. Switch on the LST by opening the lid.
 - c. Call the Control:
 - (1) Press the call button for at least 5 seconds and then release (repeat if necessary).
 - (2) When the Control replies by saying the Group name and the word Control, adjust the volume to a comfortable level of reception.
 - d. Make the report:
 - (1) Depress the transmit button. Speak only when this button is fully depressed.
 - (2) Speak into the microphone in a normal voice with the mouth no closer than 9 inches from the microphone.
 - (3) Say the Group name and Post number, followed by the words POST, OVER.
 - (4) Release the transmit button and listen for the Post Display Plotter to repeat the call.
 - (5) Make the report.
 - e. Receive acknowledgement:
 - (1) Release the transmit button at the end of the report.
 - (2) Listen for the Post Display Plotter's acknowledgement and/or other instructions.

ANNEX B

- NOTE 1 As long as the transmit button is depressed it is not possible to RECEIVE speech: ALWAYS release the transmit button at the end of a Post call, at the intermediate points of reports indicated in Part F and at the end of a report to allow responses and the interjection of priority calls from other Posts.
- NOTE 2 In any case release the transmit button for the count of five at the end of a complete reporting sequence if there is more to report; the Post Display Plotter will break in if necessary during these pauses, to instruct a Post to WAIT OUT or instruct another to REPORT, or to ask for a repeat.
6. At "Stand To" and thereafter:
- Man the LST continuously and maintain an open line with the Post Display Plotter.
 - If, exceptionally, it is necessary to leave the LST unattended, for however short a time, inform the Post Display Plotter accordingly.
 - Turn up the volume if the Post has to be left unoccupied (it is not possible to receive a ring from the Control).

MAINTENANCE

7. No maintenance on the LST is permitted by Post personnel. All faults are to be reported to the Control or to the Group HQ.

EXERCISES AND TRAINING

8. At the end of operations or training meetings which involve the use of the LST, SWITCH OFF by ensuring that the lid is securely closed. (See also paras 9 to 11.)

REMOTE TEST LINKS

9. The facility exists for the line to and from each Post to be tested by BT engineers without the need to man at the Post. To permit this it is necessary for a link plug or plugs to be moved in the grey Case 200, mounted on the wall behind and above the LST (see Fig B2).

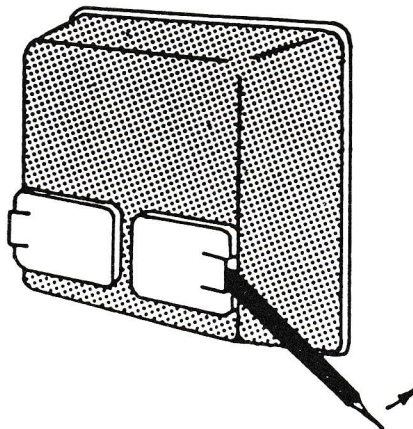


Fig B2 Case 200

ANNEX B

10. The right hand of the two covers must first be levered off using a pencil as shown in Fig B2. This will reveal one of two types of testing units.

11. The most common of the testing units in use is shown in Fig B3 and B4. Figure B3 shows the plug in the NORMAL position when the LST is in use. Figure B4 shows the plug in the LINE TEST position. This latter position is that in which the plug must be placed at the end of each operation or training meeting and the former is that to which the plug must be restored on manning up for subsequent operations.

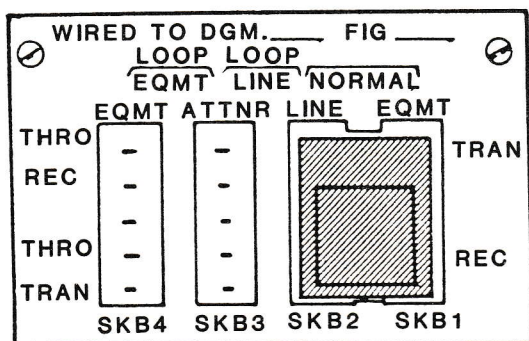


Fig B3. Test Unit with the brown plug in the NORMAL or operating position.

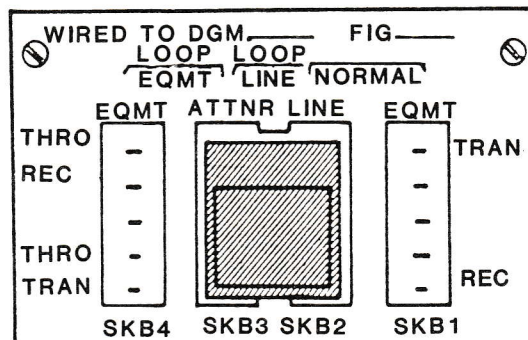


Fig B4. Test Unit with the brown plug in the LINE TEST position.

12. Figures B5 and B6 show the alternative testing unit installed in some Posts. Figure B5 shows the two brown plugs in the NORMAL position when the LST is in use. Figure B6 shows the two brown plugs in the LINE TEST position. This latter position is that in which the plugs must be placed at the end of each operation at training meetings and the former is that to which the plugs must be restored on manning up for subsequent operations.

NOTE: In some instances the two plugs may be replaced by one single plug.

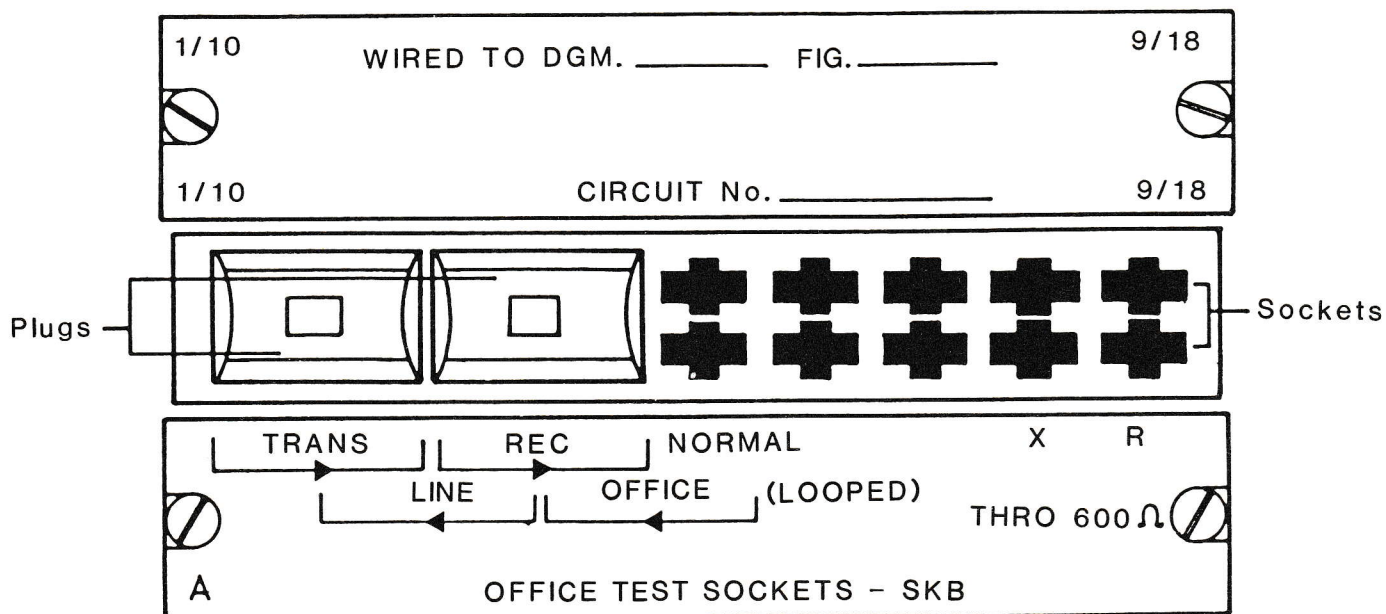


Fig B5. Alternative Test Unit with the brown plugs in the NORMAL or operating position.

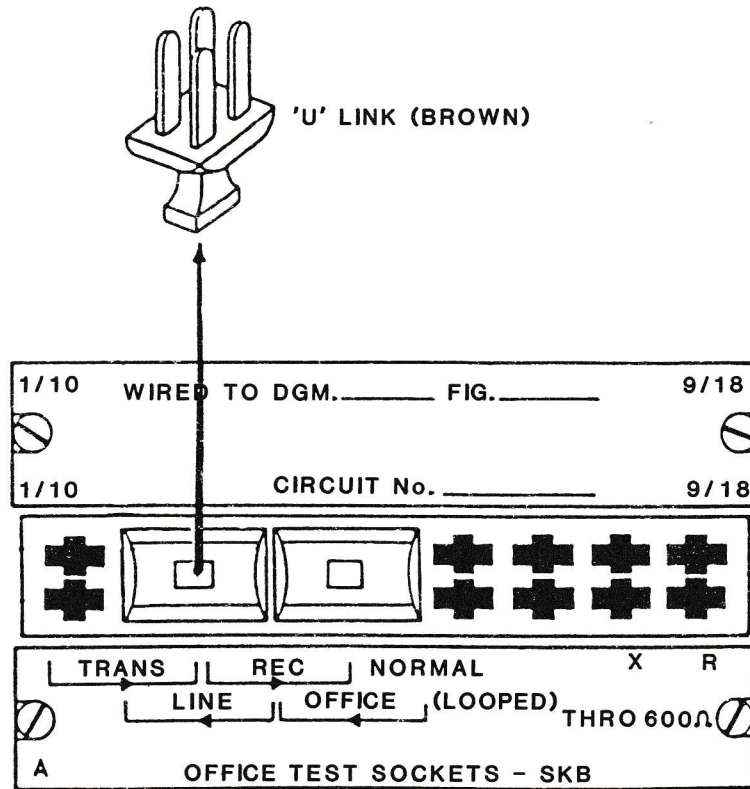


Fig B6. Alternative Test Unit with the brown plugs in the LINE TEST position.