



DESCRIPTION:-

TELEPHONES No.730L ARE TELEPHONES No.710 MODIFIED FOR USE WITH SENDERS No.6A AS FOLLOWS:-

- (A) A PUSH-BUTTON UNIT IS FITTED IN PLACE OF THE DIAL.
- (B) THE APERTURE IN THE TELEPHONE CASE IS ENLARGED TO CATER FOR THE PUSH-BUTTON UNIT.
- (C) A BOX CONNEXION No.8A AND A CORD INSTRUMENT No.20/03AJ GREY 72", CONNECTED AS SHOWN, ARE SUPPLIED WITH THE TELEPHONE AND SENDER.
- (D) DIGIT SIGNALS FROM THE TELEPHONE PUSH-BUTTONS ARE TEMPORARILY STORED IN THE SENDER BEFORE BEING CONVERTED TO LOOP-DISCONNECT SIGNALS AND TRANSMITTED TO LINE. A MAXIMUM OF 16 DIGITS MAY BE STORED AND TRANSMITTED PER CALL.

P.O.E.D.
 S BRANCH

PAPER:— W
 CIRCULATION:
 GENERAL

ISSUE

9.1.66

9 12 66

NOTES:-

1. CONNEXION DETAILS SHOWN ARE FOR A D.E.L. SEE NOTE 8 FOR CONNEXION TO EXTENSION PLAN ARRANGEMENTS AND NOTE 10 FOR CONNEXION TO A PABX EXTENSION.
2. WHEN REVERSED IN THE JACK THE REGULATOR CONNECTS 'B', 'C' AND 'D' TOGETHER AND IS RENDERED INOPERATIVE.
3. TERMINALS SHOWN THUS ARE MOUNTED ON THE PUSH-BUTTON UNIT FRAME.
4. CONTACTS CC ARE MICRO-SWITCH CONTACTS WHICH OPERATE WHEN ANY PUSH-BUTTON IS OPERATED.
5. 'SC' TERMINALS ARE TERMINALS ON THE AUXILIARY STRIP CONNEXION.
6. A SPECIAL 72" CONNECTOR AND A POWER UNIT ARE SUPPLIED WITH THE SENDER No.6A.
7. A THREE PIN MAINS PLUG SHALL BE PROVIDED BY THE P.O. TO SUIT THE SOCKET OUTLET AT THE SUBSCRIBERS PREMISES. AN EFFICIENT EARTH CONNEXION MUST BE MADE TO THE POWER UNIT VIA THE PLUG.
8. SPARE CONNEXIONS BETWEEN THE TELEPHONE AND THE BOX CONNEXION ARE PROVIDED SO THAT THE DEVICE MAY BE CONNECTED TO EXTENSION PLAN ARRANGEMENTS, ACCORDING TO THE APPROPRIATE EXTENSION PLAN DIAGRAM.

WHERE ONLY ONE PUSH-BUTTON TELEPHONE IS REQUIRED ON AN EXTENSION PLAN ARRANGEMENT OR WHERE A PUSH-BUTTON TELEPHONE IS REQUIRED TO OPERATE ON MORE THAN ONE EXCHANGE LINE (E.G. EXTENSION PLAN 2) THEN THE SENDER SHOULD BE LOCATED WITH THE TELEPHONE AND WHERE NECESSARY SWITCHED WITH THE TELEPHONE FROM LINE TO LINE.

WHERE MORE THAN ONE PUSH-BUTTON TELEPHONE IS REQUIRED ON A SINGLE EXCHANGE LINE THEN ONLY ONE SENDER SHOULD BE PROVIDED, THE SENDER SHOULD BE LOCATED IN THE MOST CONVENIENT POSITION. IN THIS CASE ALL TELEPHONES SHOULD BE CONNECTED AS SHOWN ON THE APPROPRIATE PLAN INSTALLATION DIAGRAM AND ALL PUSH-BUTTON TELEPHONE 'SC' TERMINALS SHOULD BE MULTIPLIED.

9. BOX CONNEXION No.8A TERMINALS 42 AND 43 ARE CONNECTED TO A PAIR OF "OFF NORMAL" SPRINGS IN SERIES WITH RESISTOR R253. THE CONTACTS ARE PROVIDED PRIMARILY FOR USE WHEN THE SENDER IS CONNECTED TO A PLAN 107 AND AN EXTN. TO EXCH. CALL IS IN PROGRESS. IN THIS CASE THE EXCHANGE LINE WILL BE SHORT CIRCUITED BY THE SENDER DURING DIALING THUS THE BUSY LAMP ON THE PLAN-SET WILL BE EXTINGUISHED. TO MAINTAIN THE NORMAL LAMP FACILITIES, BOX CONNEXION No.8A TERMINALS 42 AND 43 SHOULD BE CONNECTED TO PLAN-SET TERMINALS 16 AND 23.

SHOULD THE "OFF NORMAL" SPRINGS BE REQUIRED FOR PURPOSES OTHER THAN THAT DESCRIBED THEN THE RESISTOR R 253, WHICH IS ON BOARD 6 OF THE SENDER, SHOULD BE STRAPPED OUT.

10. WHEN THE SENDER IS CONNECTED TO THE EXTENSION OF A P.A.B.X. THE STRAP BETWEEN BOARD 6 U-POINTS 1 AND 2 SHOULD BE DISCONNECTED SO THAT A LONG INTERDIGITAL PAUSE WILL OCCUR AFTER A FIRST DIGIT "9".

SHOULD A LONG INTERDIGITAL PAUSE BE REQUIRED AFTER A FIRST DIGIT OTHER THAN "9" THEN THE SENDER SHOULD BE STRAPPED AS INDICATED ON DGM. SA 4222.

