

AUTOMATIC SYSTEM EXTENSION PLAN 2 ON 2 WIRE PBX'S WITH RECALL USING TELEPHONE No.740

N 4544
PAGE 1-3
ISSUE C

NOTES:-

1. The facilities of Plan 2 are shown on Dgm. N1435.
2. APPARATUS REQUIRED:-

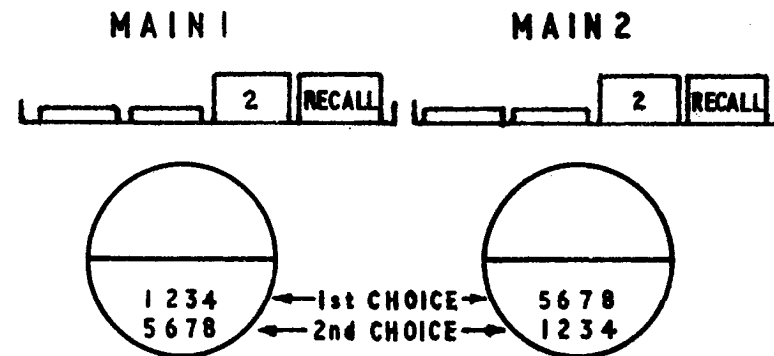
ALL STATIONS

Telephone No. 740	Part 8/DBU/372
Switch No. 5A-4	2 Parts 1/DPI/203
Part 1/DSP/1243	Block Terminal No. 368
Part 6/DBU/372	Cord Instrument No. 9/21 AD...
3. When Telephone No. 710 is provided in Lieu of Telephone No. 740 at Main 1 or 2, fit Clip No. 90 and Capacitor No. 7712-2 and connect leads to terminals T17 and T11. Wiring shown connected to T9 and T7 should be connected instead to T17 and T11 respectively. Connect a Rectifier Element No. 205 between telephone terminals T1 and T2. Remove straps between T16-T17-T18 and strap T16 to T18. See Dgm. N4700 for add-on items when alternative telephones are used.

When Telephone No. 710 is provided in Lieu of Telephone No. 740 at an Extension, connect as shown but with the addition of a Rectifier Element No. 205 connected between terminals T1 and T2.
4. Fit Cord Inst. No. 9/21AD and Block Terminal No. 368 to telephone. Fit Parts 6/DBU/372 and 1/DSP/1243 in position C, Part 8/DBU/372 and Switch No. 5A-4 in position D. Adjust latch C to setting 1, latch D to setting 3 and X and Y latches to setting 4 (See Dgm. N848). Rearrange straps, connect as shown and insulate spare leads of Part 1/DSP/1243.
5. Extensions are similar to the corresponding Main but have the bell disconnected. Extensions may be connected in any order but as nearly as possible half the number of instruments should have the first line connected as first choice (ie with the key normal), shown as EXTENSION 1 on the diagram. The others should have the second line as first choice, (this EXTENSION 2

arrangement is not shown on the diagram), they should be wired and strapped similarly to EXTENSION 1 but with the Cord, Inst. No. 9/21AD connected to the Block Terminal No. 368 as shown for MAIN 2.

6. Note that '2' on the buttons is for subscribers guidance. It does not refer to the particular line connected but indicates that by pressing the button the second choice line is obtained.
7. The lines may be connected to BT1 & BT3 and BT4 & BT6 at Main 2, or any Extension if more convenient. Correct polarity of lines is necessary.
8. The line numbers should be inserted on the dial centre label one above the other thus:-



9. When extension bells are required from either Main 1 or Main 2, strap T16-T17 should be omitted and:-
 - (a) Main 1: connect bell between BT7-BT3
 - (b) Main 2: connect bell between BT7-BT6

If the bell in an extension telephone is to be used, shift Green-Red cord conductor from telephone terminal T16 to T4. In Block Terminal No. 368, shift Green-Red conductor from BT7 to BT9. Extend BT7 and BT9 at Extension by cable to BT7 and BT3 or BT7 and BT6 at the appropriate Main.

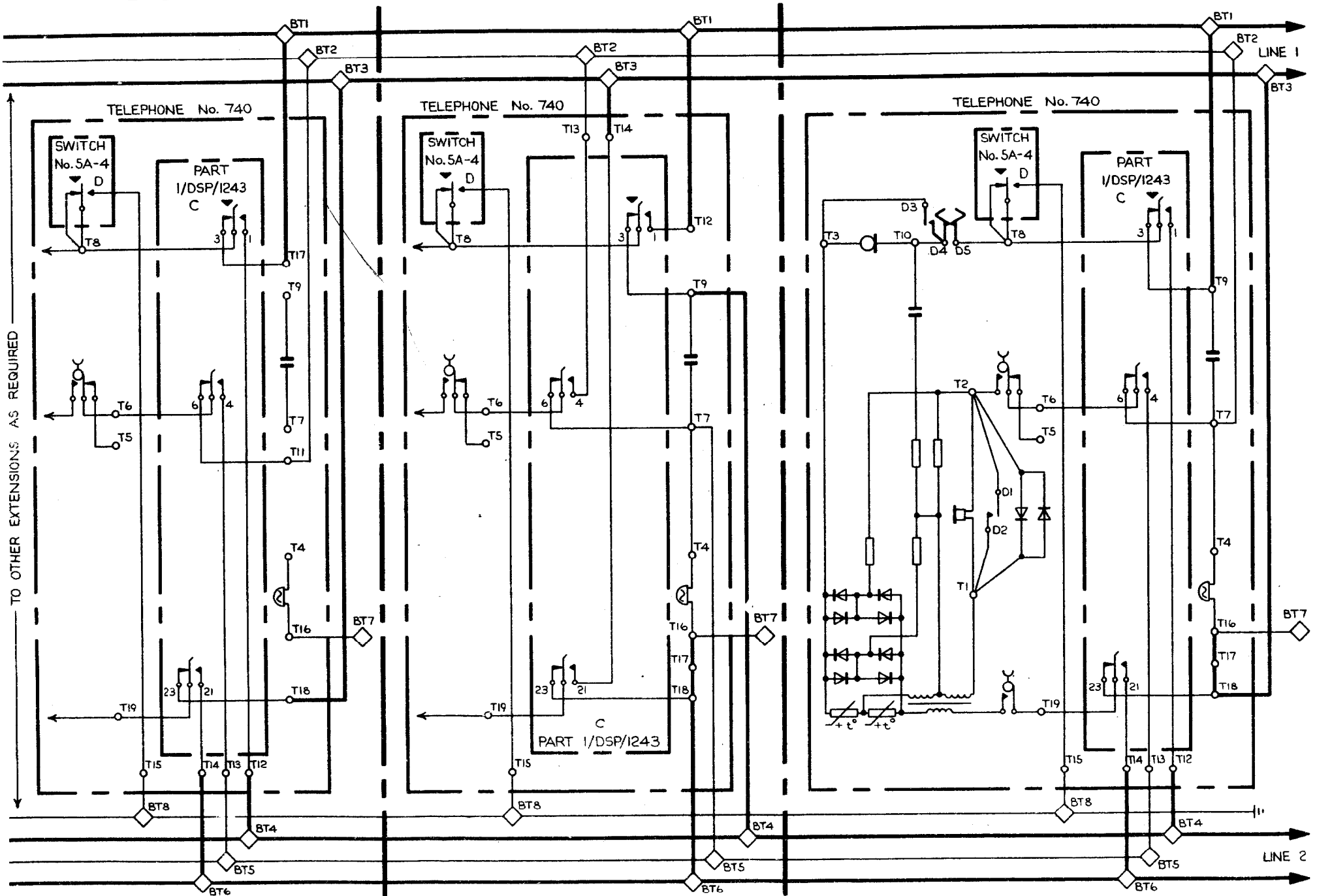
PO TELECOMMS HQRS PAPER:- DISTRN:- CB & ALTO	ISSUE			
	C	TELES CHANGED. NOTES REWRITTEN	D.J.F. TD7.1.1	21. 3. 75
	B	REVISED FORM		25.10.65

EXPLANATORY

EXTENSION 1

MAIN 2

MAIN 1



EXTENSION 1

MAIN 2

MAIN 1

