

**AUTOMATIC SYSTEM
EXTENSION 107 & 107A (INTERNAL ONLY)
ON PMBX'S WITH 'C' WIRE SIGNALLING USING PLAN-SET N625**

**N 4649
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ISSUE C**

NOTES:-

1. The facilities of Plans 107 & 107A are shown on diagram N1451.

2. APPARATUS REQUIRED

MAIN

Telephone No. 746
Plan-Set N625
Power Unit No. 53B (Note 7)
Switch No. 5A-4
Switch No. 19C-1
Capacitor No. 7712-2
Clip No. 90
Part 1/DBU/362
Part 2/DST/836
Part 1/DBU/199
Part 1/DPL/1022
2 Parts 1/DPI/203

EXTENSION

Telephone No. 746
2 Switches No. 5A-4
Switch No. 19B-1
Buzzer No. 32C-3
Part 4/DBU/363 (Main)
Part 7/DBU/363 (Recall)
2 Parts 1/DPL/1022
2 Parts 1/DPI/203
Cord Inst. No. 9/21 AD...
Block Terminal No. 36B

3. Fit Switches No. 19C-1 & 5A-4, Capacitor No. 7712-2 with Clip No. 90, Parts 2/DST/836, 1/DBU/199, 1/DBU/362, 1/DPI/203 and 1/DPL/1022 in Telephone No. 746. In Plan Set N625 transfer the Blue-White conductor from terminal 25 to terminal 12. Rearrange straps and connect as shown.

4. The cord conductor colours shown are those for a Cord Inst. No. 18/09 AD. The colours shown in brackets refer to the Cord Inst. No. 18/04 AJ.

5. The diagram shows the connexions for Plan 107. For Plan 107A, in Plan-Set remove strap between terminals 19 and 24 and provide a strap between terminals 18 and 19. (Two straps are located between terminals 6 & 7 one of these should be used). In Telephone No. 746, transfer O-W conductor from T17 to T2.

6. To connect an extension bell, remove strap between Plan-Set terminals 6 and 7 and connect bell to terminals BT6 and BT7 in Block Terminal No. 37B.

7. The Power Unit No. 53B should be fitted adjacent to a 3 pin mains socket. 8 Cells Dry R&O within a Box Battery No. 10 may be provided in lieu of Power Unit No. 53B if a suitable supply is not available. To prevent damage the 10V supply must be connected correctly, positive to BT2, negative to BT1.

8. EXTENSION

Recover Cord Inst. No. 1/121 AT and Block Terminal No. 52A. Provide Cord Inst No. 9/21 AD and Block Terminal No. 36B. Fit Parts 1/DPL/1022, 4/DBU/363, 1/DPI/203 and Switch No. 5A-4 in position B. Fit Parts 1/DPL/1022, 7/DBU/363, 1/DPI/203 and Switch No. 5A-4 in position C. Fit Switch No. 19B-1, and Buzzer No. 32C-3. Rearrange straps and connect as shown.

9. An extension bell may be connected in place of strap BT2 and BT8 in Block Terminal No. 36B.

10. See diagram N4700 for 'add-on' items when alternative telephones are used.

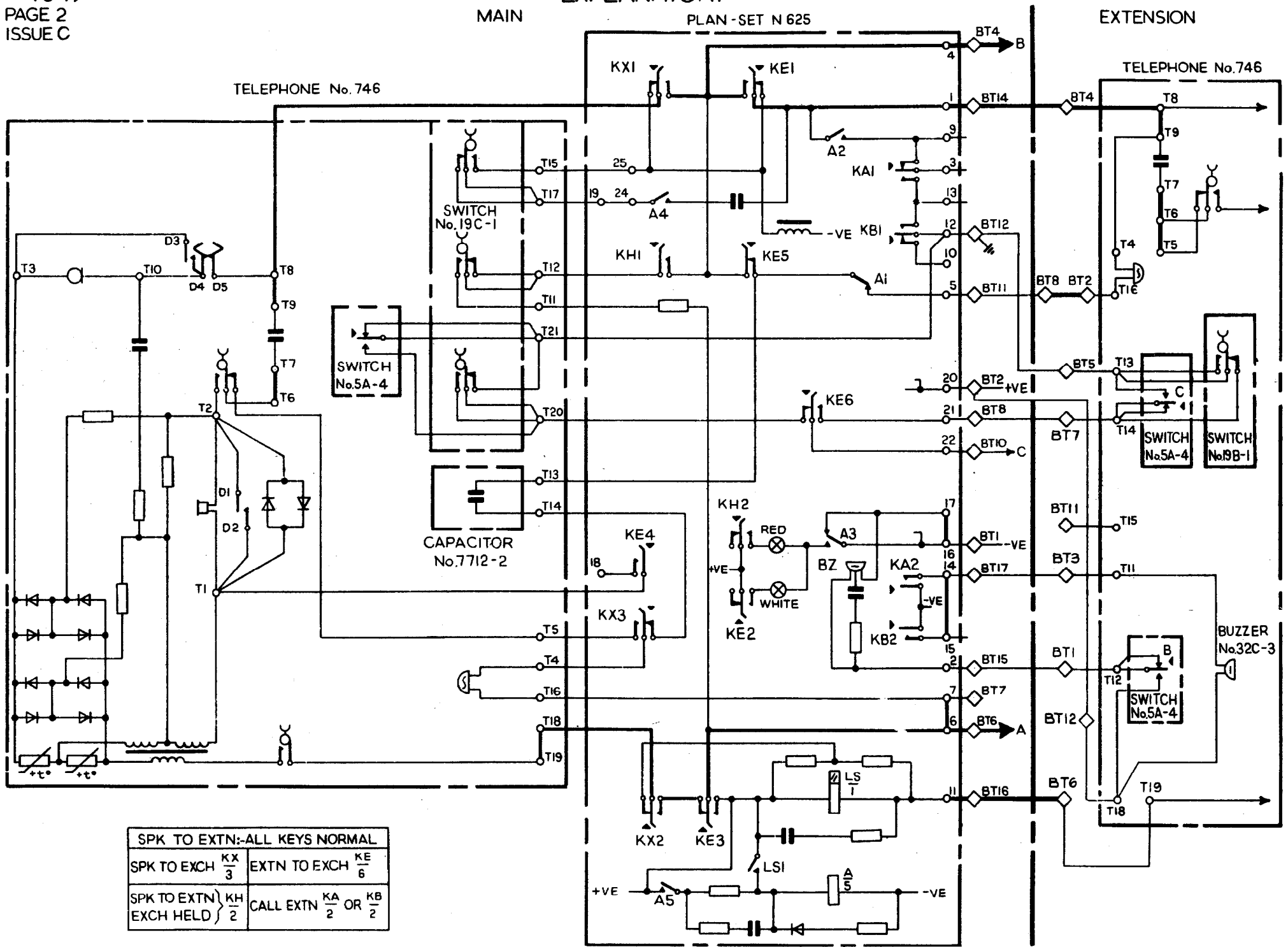
PD TELECOMMS HQRS PAPER:- W DISTN:- CB & AUTO	ISSUE	C	BT12 ADDED. NOTES 2,5 & 7 AMENDED. MINOR AMENDMENTS. <i>[Signature]</i> TD 7-1-3	10-2-78
	B	TELES CHANGED, NEW FORMAT. NOTES REWRITTEN DIF 197.1.1	17-1-75	
	A	EARTH CONNEXION REARRANGED	3.5.63	

EXPLANATORY

MAIN

PLAN - SET N 625

EXTENSION



SPK TO EXTN:-ALL KEYS NORMAL	
SPK TO EXCH $\frac{KX}{3}$	EXTN TO EXCH $\frac{KE}{6}$
SPK TO EXTN } KH $\frac{1}{2}$	CALL EXTN $\frac{KA}{2}$ OR $\frac{KB}{2}$
EXCH HELD }	

WIRING

MAIN

EXTENSION

