

CB & AUTOMATIC SYSTEMS
SUBSCRIBER'S EXTENSION PLANS 7 & 7A (INTERNAL & EXTERNAL)
USING BELL-SET No.20
APPARATUS SCHEDULE

N4309
PAGE 1-5
ISSUE B

AUTOMATIC WORKING

MAIN	EXTENSION	
	Internal	External
1 Bell-set No. 20 (Note 1)		
1 Block, Terminal No. 20/12 Cells Leclanche DR2 (Note 8)	1 Block, Terminal No. 52A	1 Block, Terminal No. 52A
1 Box Battery No. 3	and	and
1 Bell No. 56A. (Required only for internal extension working).	1 Telephone No. 1/232...	1 Telephone No. 1/232...
and	with	with
1 Telephone No. 1/232...	1 Bell-set No. 26	1 Bell-set No. 26
with	1 Press Button "G"	or
1 Bell-Set No. 26	or	1 Telephone No. 332...
or	1 Telephone No. 330...	1 Cord, Inst. No. 3/62B
1 Telephone No. 332...		
1 Cord, Inst. No. 3/62B		

CB WORKING:- For CB working fit CB type telephones corresponding to the above auto. telephones
e.g Telephone No. 1/232 CB.

PO TELECOMMS HQRS PAPER: Y DISTN:- CB & AUTO	ISSUE			
		B	NEW FORMAT MADE YELLOW. <i>rh</i>	TD 2-3-1 21-11-73
		A	REDRAWN. MADE 9 PANELS. E.R.S	30-6-54

NOTES

General

1. This Dgm. shows Plans 7 and 7A using Bell-set No. 20 at the main with either internal or external extn. The facilities are given on Dgm. N 1429.
2. When using Telephone No. 1/232... and Bell-set No. 26 disconnect strap B7-B8 in Bell-set.
3. In early Telephones No. 1/232... the connexions to T6 and T8 were reversed. The early terminal number is shown in brackets.

MAIN

4. The Dgm. shows the connexions for Plan 7. For Plan 7A disconnect Straps A-A1 and B-B1 in Bell-set No. 20.
5. When using Telephone No. 332... remove Strap T1-T2, change Cord, Inst. No. 2/94B and Block, Terminal No. 20/4 for Cord, Inst. No. 3/62B and Block, Terminal No. 20/12 and add strap between BT3-BT4.
6. An incoming call will ring either the bell associated with the telephone or the Bell-set No. 20 dependant upon the position of the switch. If extension bells are required these should be connected in place of straps (BT3-BT4 main telephone) and (EB Bell-set No. 20).
7. For internal extension working connect Bell No. 56A between BT5-BT6 with coils connected in parallel and also connect strap between Terminals C and A on the extension side of Bell-set No. 20.
8. 3 Cells Dry R40 to be provided (See T1 C3 A 0060).

EXTENSION

1. When using Telephone No. 330... fit Label No. 252E. Disconnect wire from T3 at Key Spring 2. Remove strap between T8-T9 and connect strap T1-T9, transfer cord connexions from T1 to T8 and in the block terminal from BT2 to BT3, BT4 to BT2 and BT3 to BT4. Remove strap from BT1-BT2 and add between BT3-BT4.
2. When using Telephone No. 332... remove strap between T1-T2. Replace Cord, Inst. No. 2/94B by 3/62B.
3. If an extension bell is required connect in place of strap BT3-BT4.

The following diagrams show the internal connexions of:-

Telephone No. 1/232... Dgm. N 332

Telephone No. 330... Dgm. N 430

Telephone No. 332... Dgm. N 432

Bell-set No. 20 Dgm. N 520

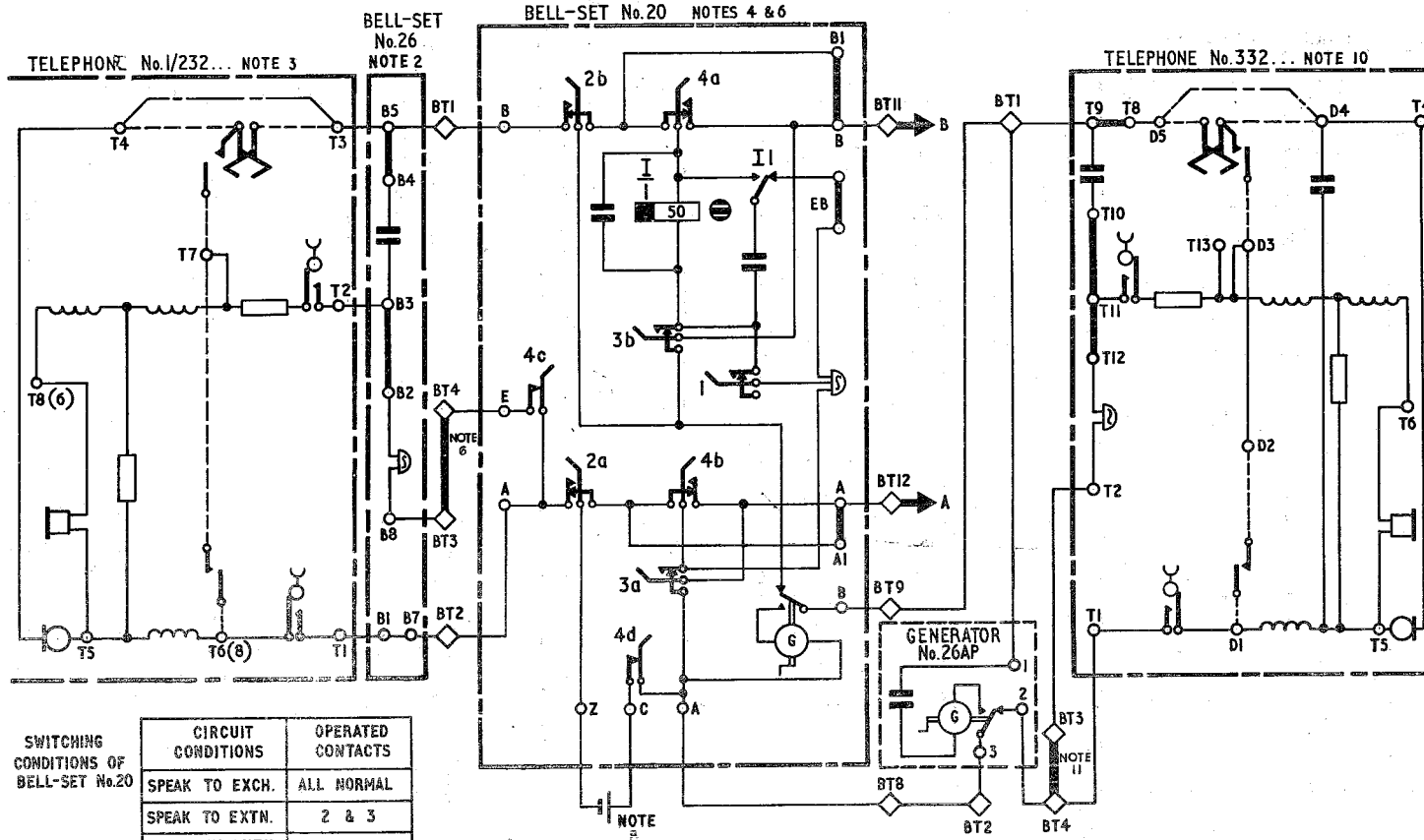
Bell-set No. 26 Dgm. N 526

SUBSCRIBERS EXTENSION PLANS 7 & 7A (EXTERNAL) **USING BELL-SET No.20**

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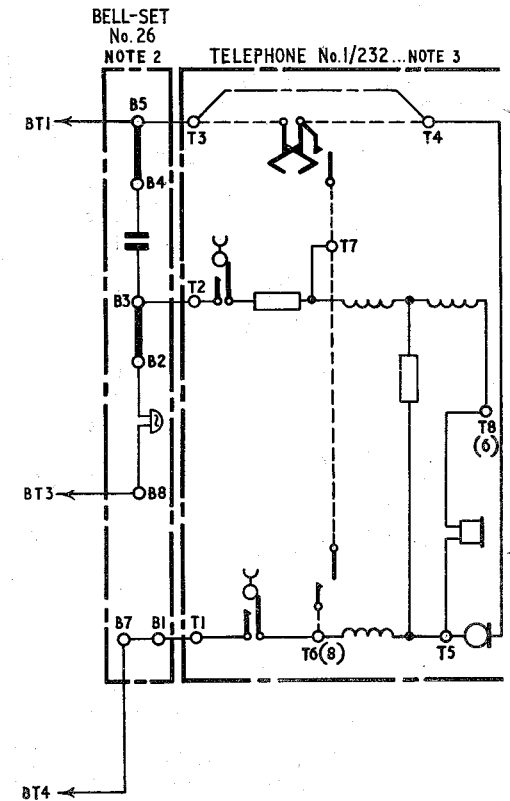
EXPLANATORY OF MAIN

EXPLANATORY OF EXTENSION



SWITCHING
 CONDITIONS OF
 BELL-SET No.20

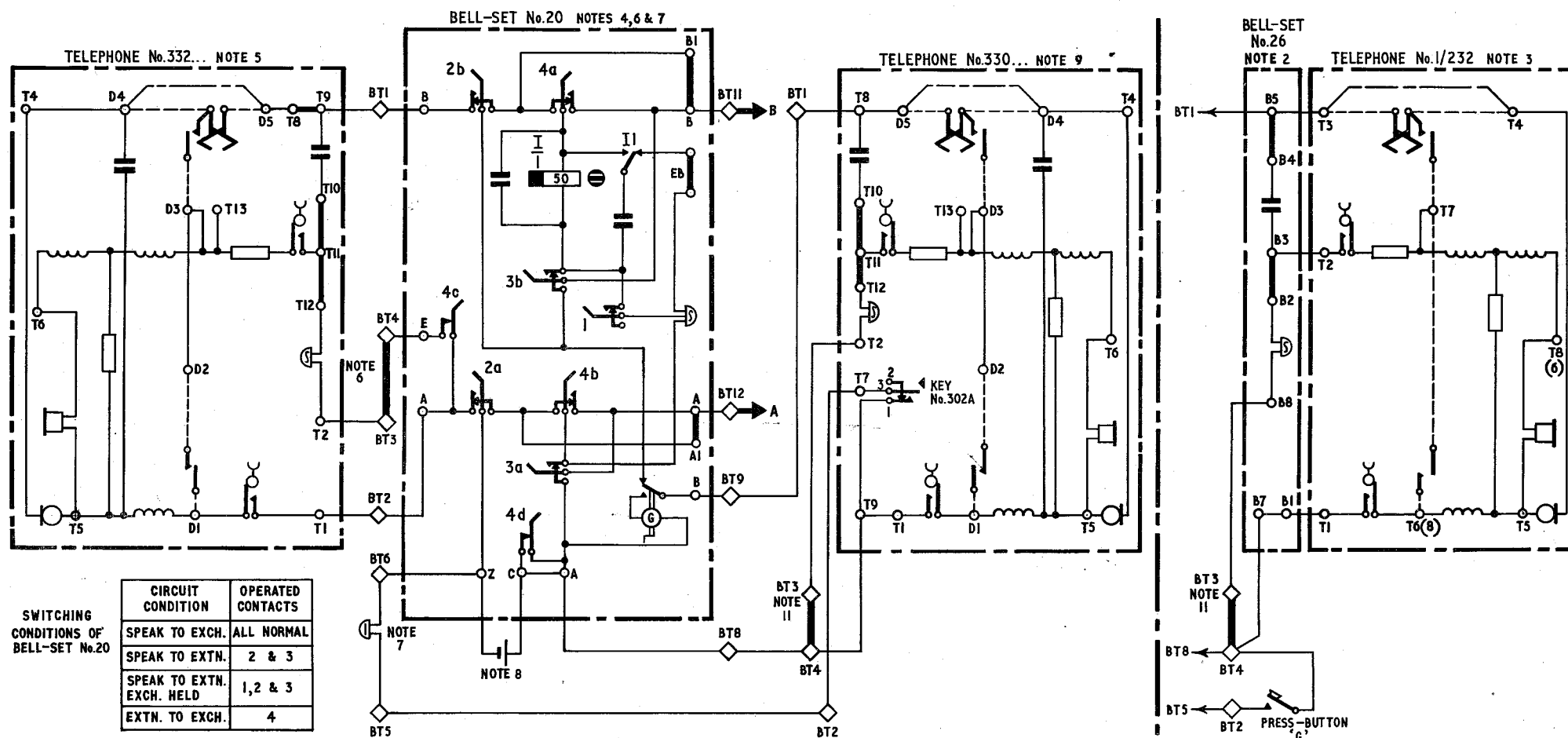
CIRCUIT CONDITIONS	OPERATED CONTACTS
SPEAK TO EXCH.	ALL NORMAL
SPEAK TO EXTN.	2 & 3
SPEAK TO EXTN. EXCH. HELD	1, 2 & 3
EXTN. TO EXCH.	4



SUBSCRIBERS EXTENSION PLANS 7 & 7A (INTERNAL) USING BELL-SET No.20

EXPLANATORY OF MAIN

EXPLANATORY OF EXTENSION



INTERNAL EXTENSION WIRING

EXTERNAL EXTENSION WIRING

EXTENSION

MAIN

EXTENSION

MAIN

