

FOR WIRING DIAGRAM SEE LD 41

APPARATUS SCHEDULE

Supersedes for New Work
N1090, N1092, N1052 & CB1436

ITEM	RATE BOOK TITLE	ITEM	RATE BOOK TITLE
BL	Bell 56C	ES	Relay No.509A Fitted when required (Note 3)
LC	Coil, Bridging No.1P or 6P	LPA (Note 7)	Resistor, Bulb No.2 - 300 Ω
LB	" " No.6C	YA	" Coil No.9 - 100 Ω
IC (Fig.9,9A or 9B)	" Induction No.3/16	YB	" Spool No.6 - 200 Ω
LA	" Retardation No.39A	Transmitter	Transmitter No.26 with Plug No.404 (Note 5)
I	" " No.3416	(Fig.9)	
QE & QF	Capacitor MC. No.101		
QA, QB, QC & QD	" " No.102		
QGA & QGB	" " No.103C		
HG	Generator No.26A		
XA	Indicator No.400B		
EA	" No.2200A		
A & B	" No.3300B		
JKC	Jack No.20		
JKE & JFK	" No.84A		
JKR	" Lamp No.12		
KA	Key No.68 Black		
KED	(Key No.68 Green (Fitted when required (Note 3))		
KHG	Key No.68 Grey		
KS with KR	" No.172 Black		
KD with KRB	" No.293 Red		
KNS	" No.289 with Handle Key No.3		
QH	Capacitor, Paper No.7726		
YC & YD	Resistors, Coil No.12-180 Ω		
Plugs & Cords	Plugs No.316, Cords Switchboard No.384 Red or Black		
Receiver (Fig.9)	Receiver, Headgear No.10A (Note 5)		
Receiver & Transmitter (Fig.9A & 9B)	(Headset No.1 & Plug No.420 with Cord No.4/77 AB Grebe 54" (Note 5)		
MRA	Rectifier, Element No.2/2A		
MF	Relay No.502A and Relay Cover AK		
C & S	" No.502A		

Jacks (Note 8)	$\frac{10 + 30}{65}$	$\frac{10 + 50}{65}$	$\frac{10 + 60}{180}$
JKA	No.710 B0	No.710 B0	No.810 BN
Extns. No.1-10	No.710 B0	No.710 B0	No.510 B0
" No.11-30	No.510 BS or	No.510 BS or	No.510 B0
JKB	No.710 B0	No.710 B0	
Extns. No.31-50		No.510 BS	No.510 B0
" No.51-60			No.510 B0
JKD	No.510 BS	No.510 BS	No.510 B0

JKR	Jack, Lamp No.12
Dial (Fitted on later issues)	Dial, Auto No.21 LA Black with 2 Cords, Inst., No.1/41E 2 $\frac{1}{2}$ " Red.

P.O.E.D. S BCH.			
PAPER : Y CIRCULATION GENERAL	ISSUES	K	MADE YELLOW. 2863 29-9-77
		J	NEW FORMAT. MINOR AMENDMENTS. 2863 8-8-67
		H	MINOR AMENDMENTS. NOTE II ADDED. 22-8-61
			S 3/2 15-3-35

NOTES

1. In Manual Areas fit Keystop No.1 on each Dial (KD) and Ringback (KRB) key to prevent movement to dial posn.
2. Relays C and S and Contact S2 are fed from the same fuse (1 Fuse No.44A/0.25 per Cord Circuit). Other fuses are Fuse No.44A/0.25. On earlier Switchboards all fuses were Fuse No.35/1 and should be changed when replacement becomes necessary.
3. The items shown dotted in Figs. 1 and 3 indicate the conns. for fitting a Keysender to the Board. Cut the wires marked 'X' and connect as shown. Fit Key No.68 (KED) at rear of Hand Generator Key (KHG).
4. On early issues of Keysenders the colours on Cord Inst. No.5/23B were O, BK, BN, S and B, instead of R, O, W, B and G.
5. When a Handset is required as operating instrument:
 - (i) On Switchboards wired to Fig.9 provide Tele. No.184, Plug No.404 and Hook Receiver 'N'.
 - (ii) On Switchboards wired to Figs. 9A and 9B provide Handset No.3 and Plug No.420 with Cord No.4/90 AB-48" and Hook Receiver 'N'.
6. Only Cord Ccts. 1-10 are taken through Night Service Key (KNS).
7. When manual ringing required, lock KHG in Operated Position with Keystop No.2. When Fitting Resistor Bulb No.2 300n see E.I. POWER, Gen. S 3801.
8. Exchange Jacks JKA and certain Extension Jacks JKB have additional springs for connexions to auxiliary apparatus when required. Cord Test Jack JKD is last jack of Jack No.510 fitted above exch. line jacks. The remaining jacks are not wired and are for misc. circuits when required, e.g. the provision of extra exch. lines.
9. When Units AA N985 are fitted, reverse the wires on the moving springs of the Hand Generator Key and earth the Hand Generator as shown dotted in Fig. 2, see TELES., P.B.X.s B 3201.
10. On earlier Switchboards AT 3796 the connexions to the Part 10/SST/60 of the dial circuit are reversed. The earlier terminal numbers are shown in bracket.
11. Resistances are 500n + 500n on some supplies.

FIG. 1 CORD CIRCUITS

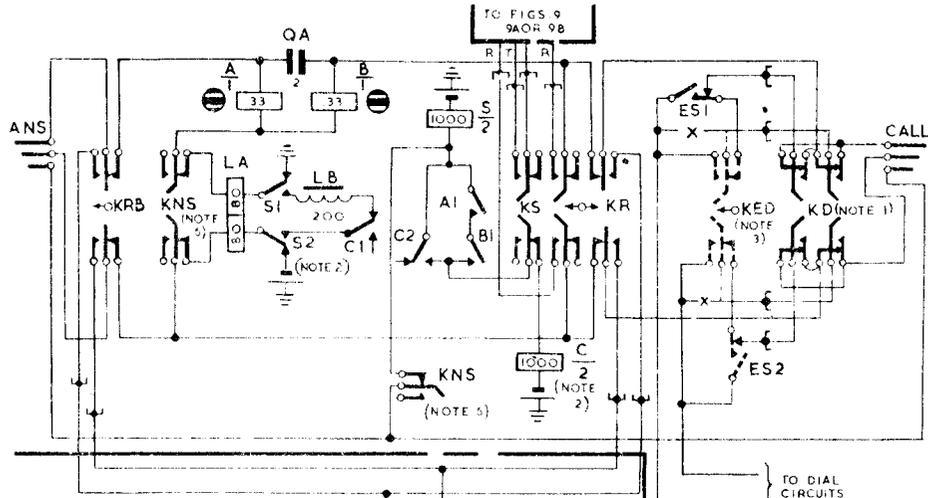


FIG. 2. RINGING CIRCUIT

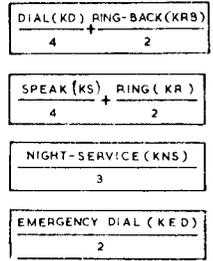
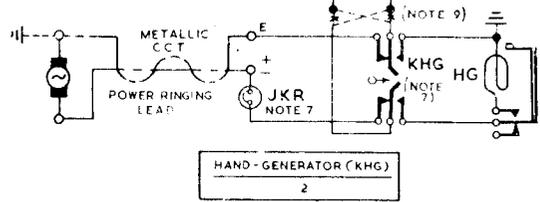


FIG. 9 OPERATOR'S CIRCUIT SUPERSEDED BY FIG. 9B FOR NEW WORK ON $\frac{10 + 30}{65}$ & $\frac{10 + 50}{65}$ & BY FIG. 9A FOR NEW WORK ON $\frac{10 + 60}{180}$ (NOTE 5)

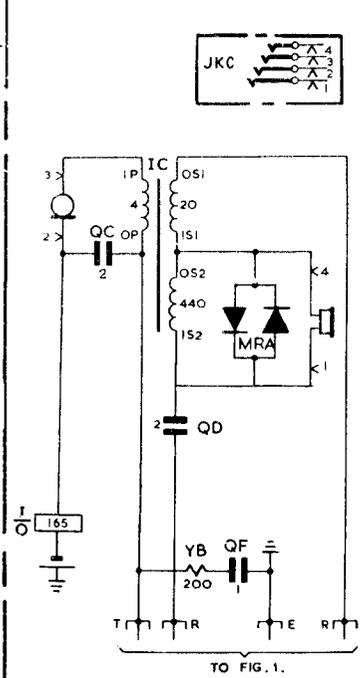


FIG. 9A OPERATOR'S CIRCUIT SUPERSEDED BY FIG. 9B FOR NEW WORK ON $\frac{10 + 30}{65}$ & $\frac{10 + 50}{65}$ (NOTE 5)

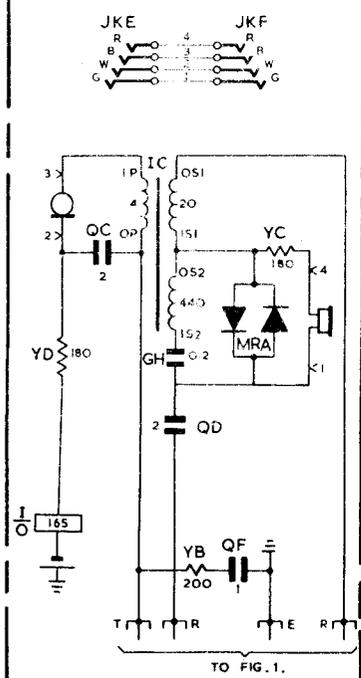


FIG. 9B OPERATOR'S CIRCUIT (NOTE 5) $\frac{10 + 30}{65}$ & $\frac{10 + 50}{65}$

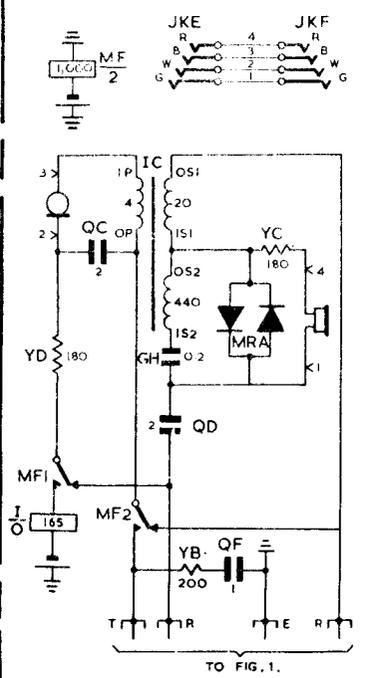


FIG. 3. DIAL CIRCUIT (NOTE 3 & 10)

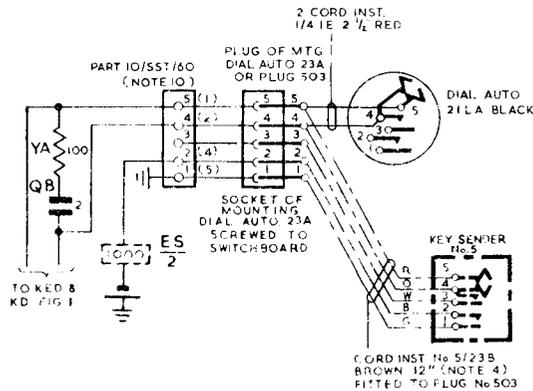


FIG. 4. CORD TESTING CIRCUIT (NOTE 8)

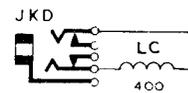


FIG. 6. EXTENSION LINE

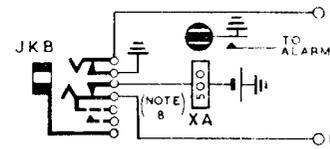


FIG. 8. POWER SUPPLY SMOOTHING CIRCUIT

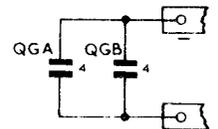


FIG. 5. ALARM CIRCUIT

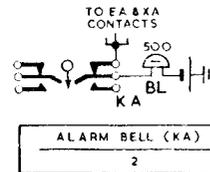


FIG. 7. EXCHANGE LINE

