

Table of Contents

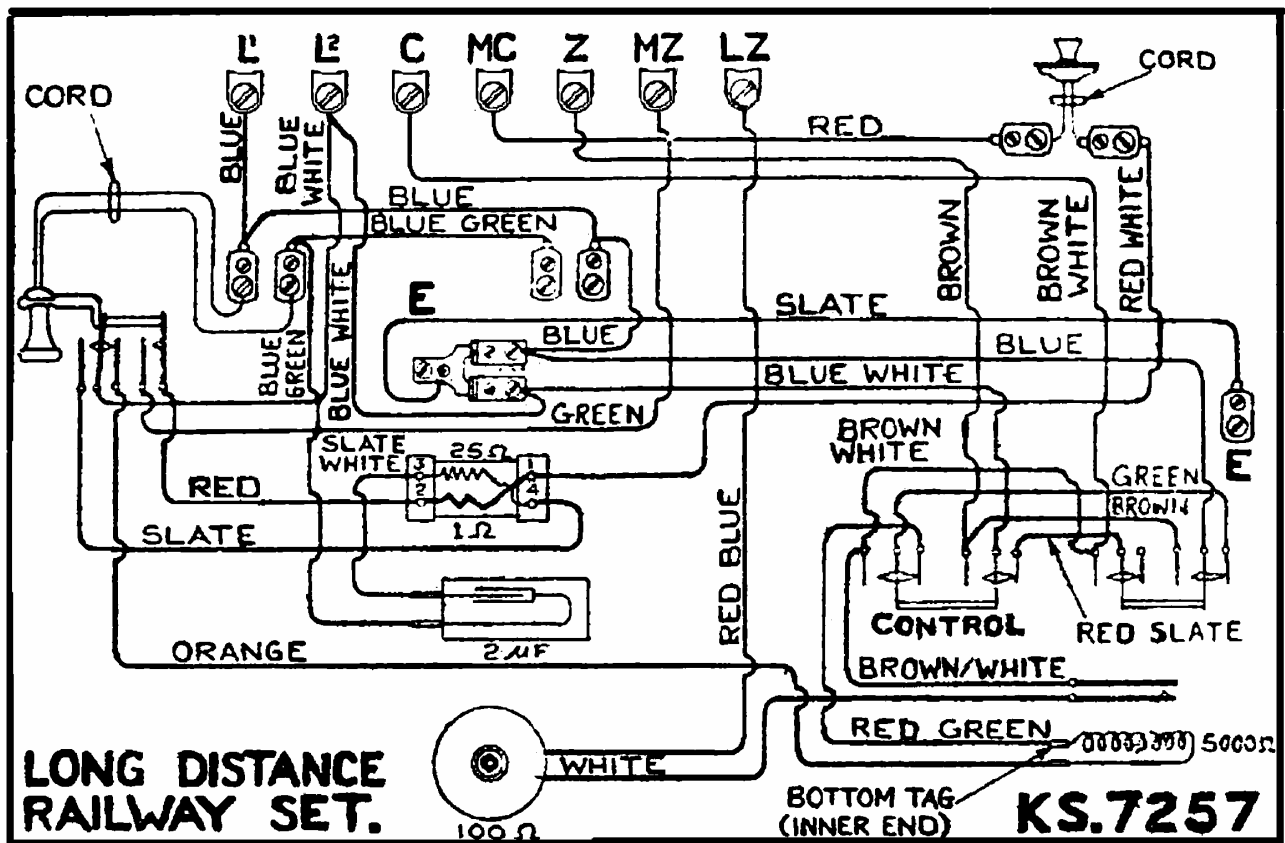
Long Distance Railway Set KS.7257	2
StrowgerPhone	3
ATM Auto Wall Telephone, L.53706: Circuit 10127	3
Muraphone.....	4
Ericsson N19927 for Teles N1420 (CB) and N1070 (Auto)	4
AEI ApPhone	5
Telephone 162 MT/MW: Drawing C1256 Sheet 1	5
Telephone No 706 with Code C signalling: Drawing SW 208772.....	6
Telephone No 150 – Candlestick Phone	7
Ericsson Simplified (ie cheap) Tele No 706: Drawing NI12419/4	8
CB Residence Set KS6301.....	8
Telephone No 162	8
Ericsson Plan set N1906 (Etelphone).....	9
T&N s1a-112_16ve.....	9
GEC 746 Type LB Tele with Transistorised Ring Generator KS 13594	10
T&N s1a-112_114i.....	11
Jack Unit 1A.....	12
Bell Set No 1	12
DeTeWe/ Siemens W48 Desk Telephone	13
GEC KS13252 Omnibus Telephone.....	14
Telephone No 328 – Early and Late Versions	15
Telephone No 232 – Various Versions	15
Telephone No 332 – Early and Late Versions	17
Telephone No 121	18

Several of these drawings are courtesy of Andrew Emmerson. Unless acknowledged, the others are from miscellaneous and now forgotten sources.

Many drawings are presented at the size I received them. Where I have information of the correct size I have shown them full size. However, I cannot guarantee that they will print to the correct scale.

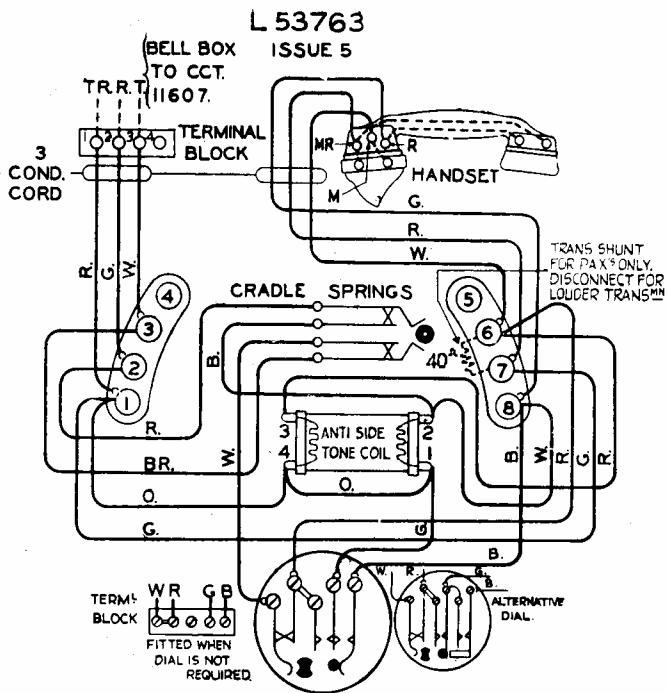
Sam Hallas

Long Distance Railway Set KS.7257



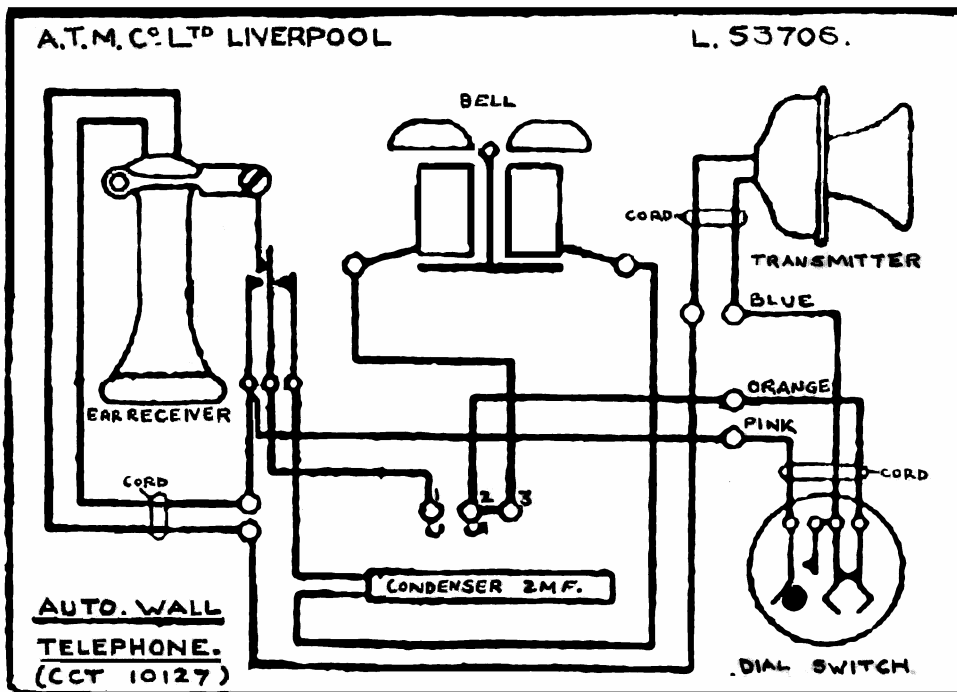
Long Distance Railway Set is the standard two-button wooden wall phone by GEC, used throughout the LMS Railway and BR(LMR) [AE]. The Control button is red and applies the opposite polarity battery to line to the ordinary call button.

StrowgerPhone



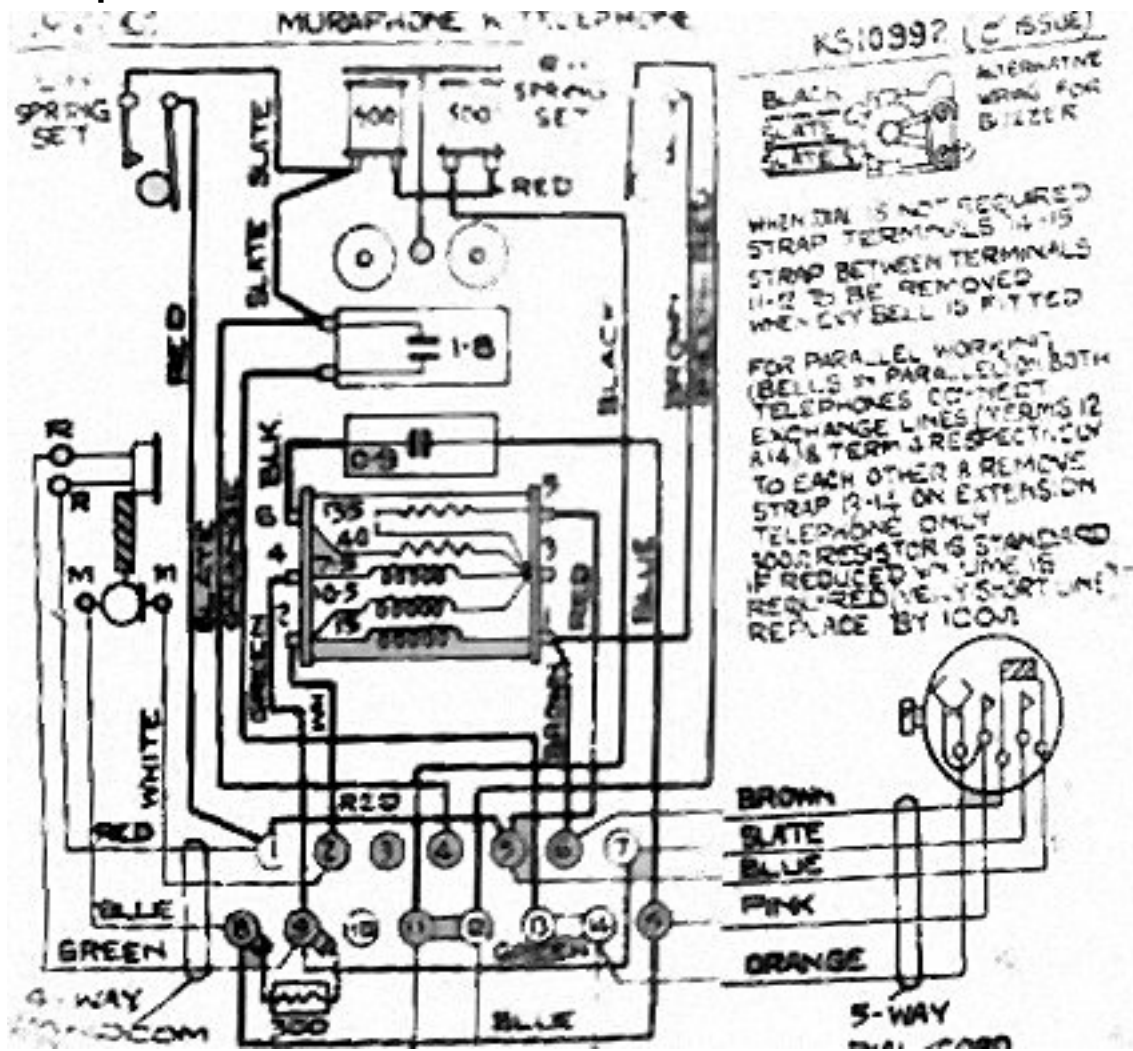
This poster is circular. The correct dimension are unknown.

ATM Auto Wall Telephone, L.53706: Circuit 10127



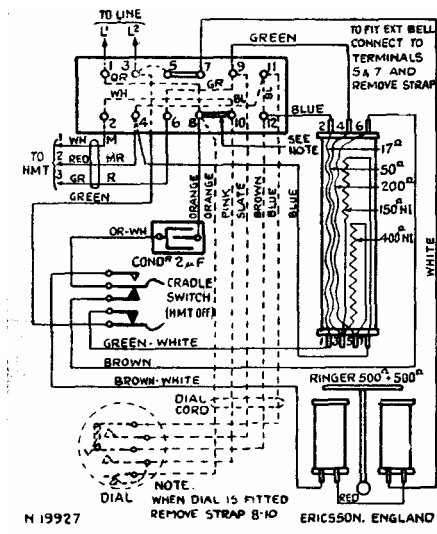
Very simple circuit with no induction coil.

Muraphone

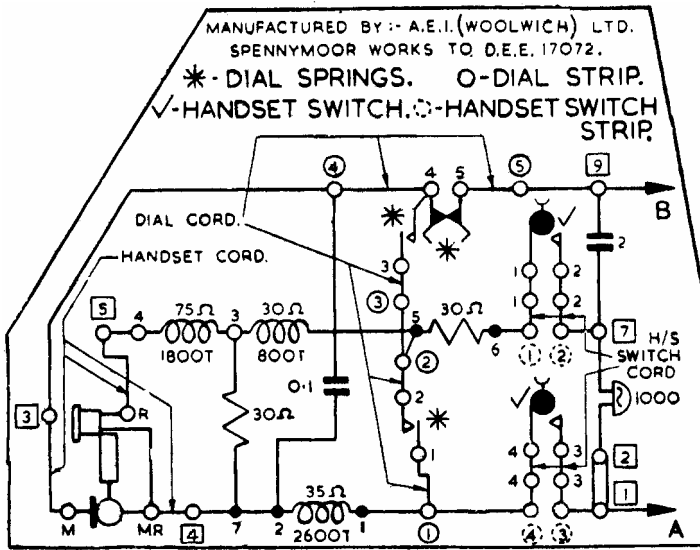


Sorry, this is the best I can do with this one. The original is in a poor state.

Ericsson N19927 for Teles N1420 (CB) and N1070 (Auto)



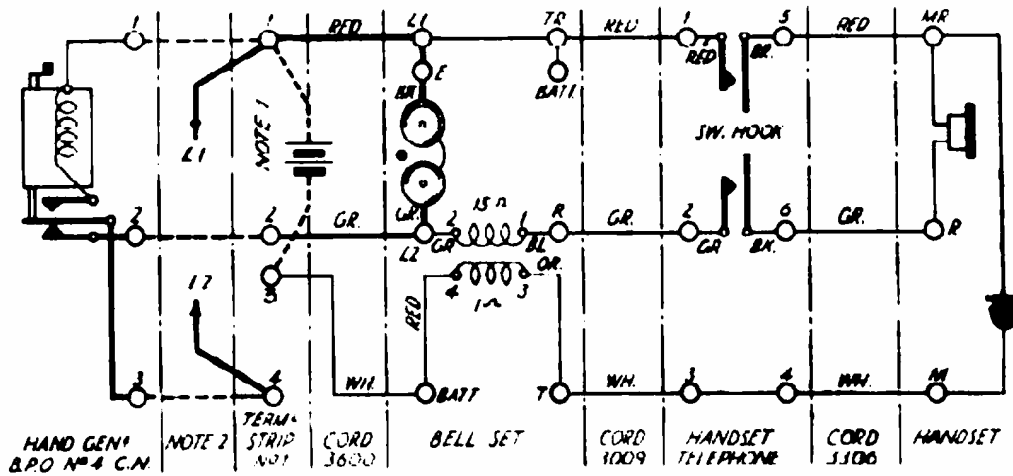
AEI ApPhone



ApPhone is the Admiralty Pattern phone used on Royal Navy ships that has a GECophone style body and a chromed steel clamp that stops the handset falling off in heavy seas [AE]. Full hybrid circuit similar to BPO Tele No 332.

Telephone 162 MT/MW: Drawing C1256 Sheet 1

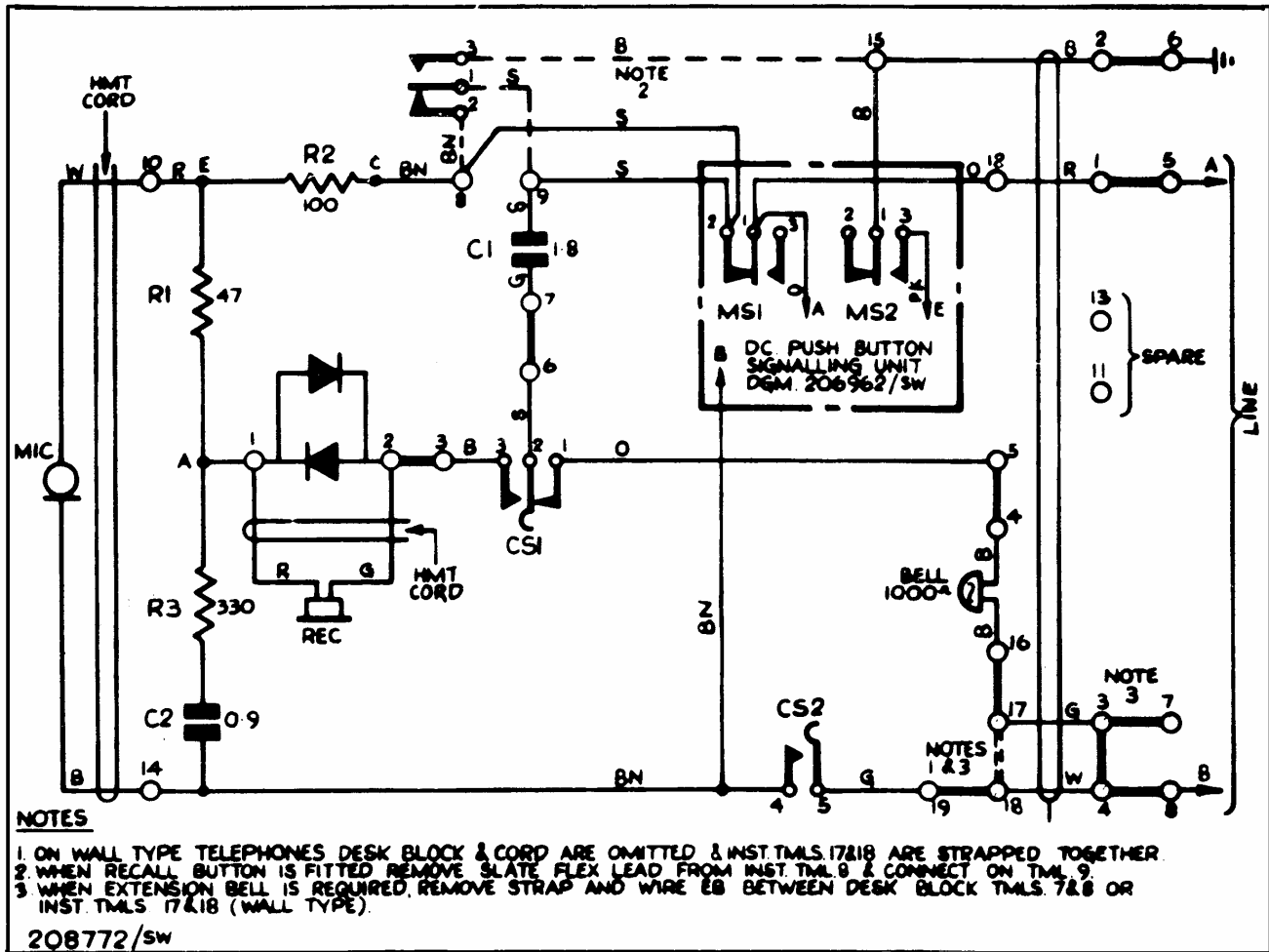
B7



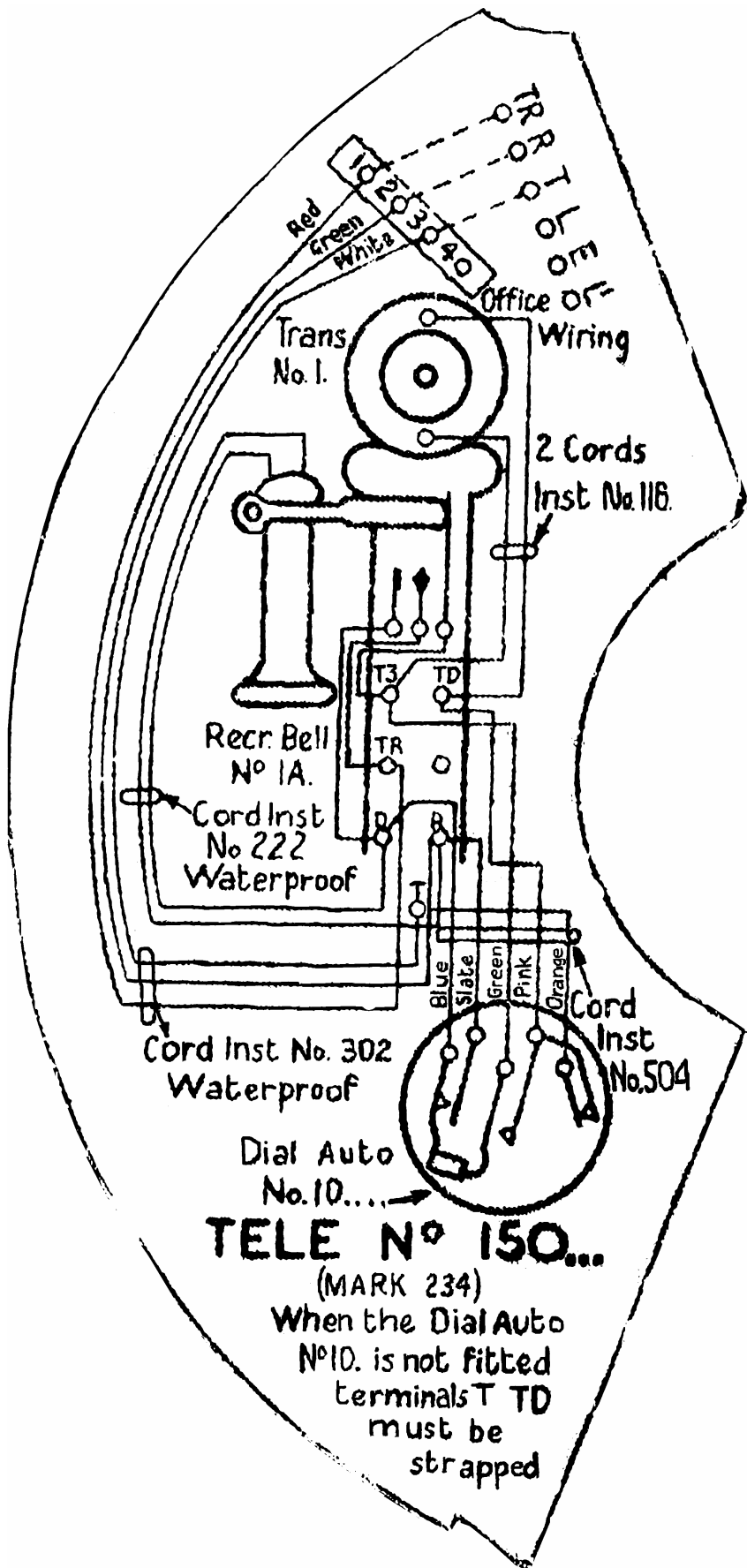
Extension bell connects to terms 1 & 7 or Strip No. 1.
If generator movable use cord 3600
If generator fixed use 2 pair Lead covered cable.
Terminal strip No. 1 & cord 3600 not required for wall telephones.

TELEPHONE 162 MT/MW DWG C1256 SHT 1.

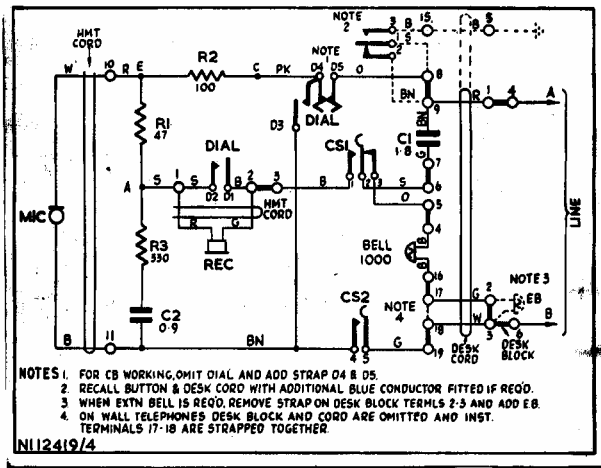
Telephone No 706 with Code C signalling: Drawing SW 208772



Telephone No 150 – Candlestick Phone

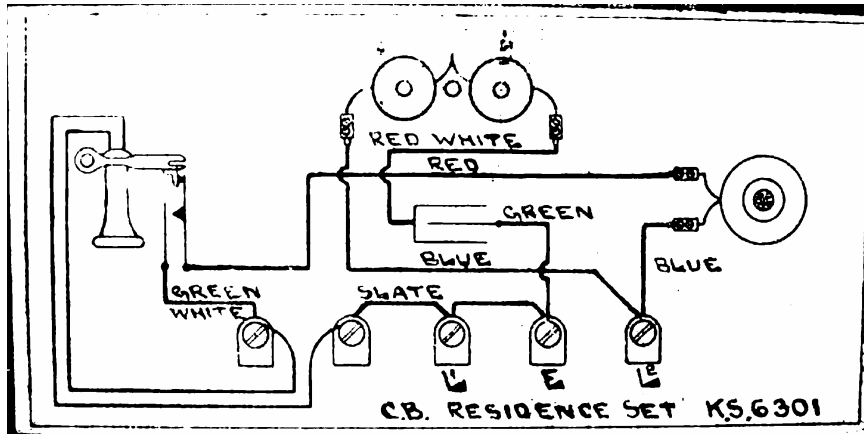


Ericsson Simplified (ie cheap) Tele No 706: Drawing NI12419/4



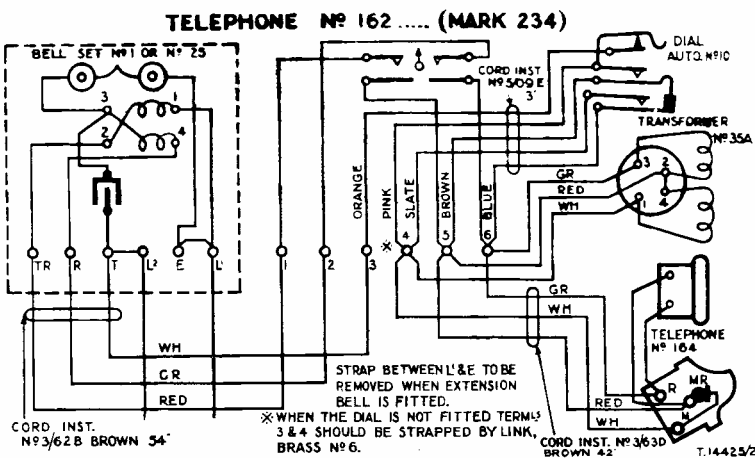
The regulator is omitted along with the hybrid anti-sidetone coil. Intended for PAX working.

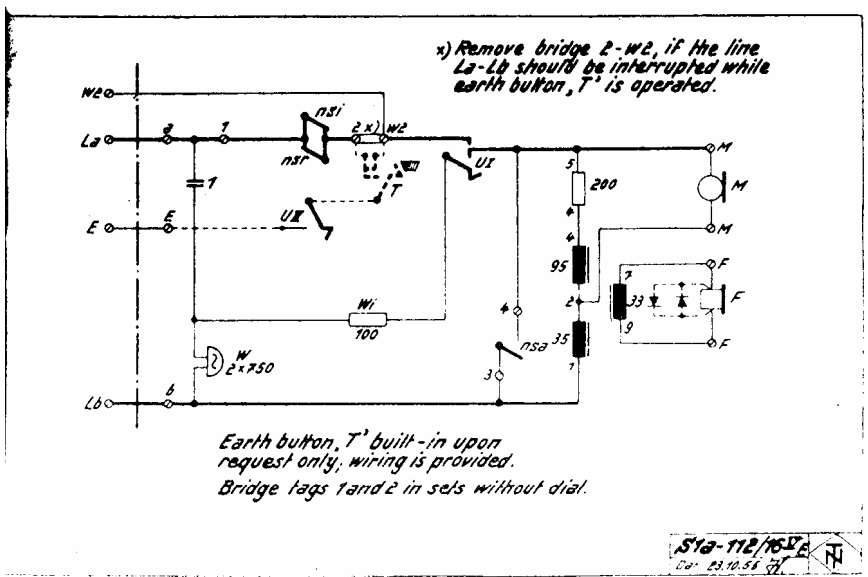
CB Residence Set KS6301



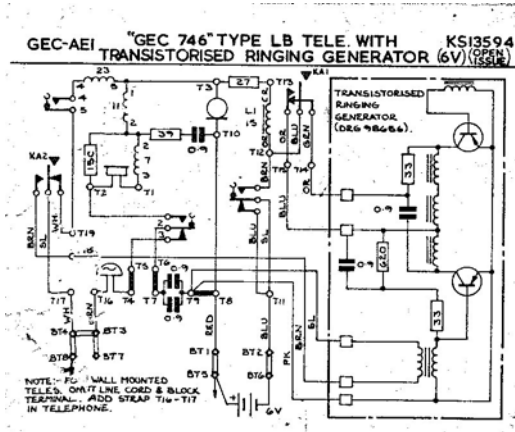
Photographed inside a house telephone somewhere. Transmitter & receiver are wired in series with no induction coil. Magneto bell with isolating capacitor.

Telephone No 162

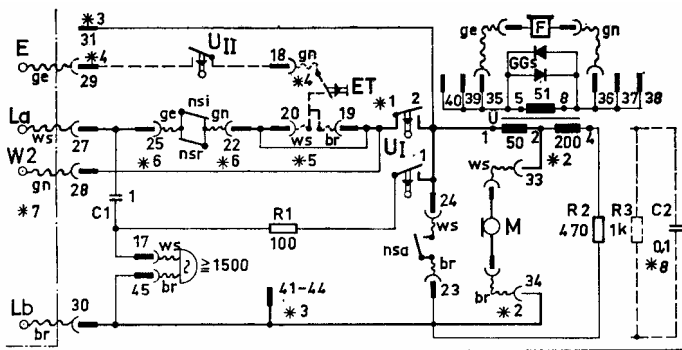




GEC 746 Type LB Tele with Transistorised Ring Generator KS 13594



T&N s1a-112_114i



17.3645.0160



S1a - 112/114 I

- | | |
|--|---|
| * 1 U11 schließt vor U12. | * 5 Bei Bedarf trennen. |
| * 2 Mikروفonverstärker: Ü2-33, 23-34 trennen. | * 6 Apparat ohne Nummernschalter: 22 mit 25 brücken. |
| * 3 Steckpunkte für Zusatzgeräte. | * 7 Entfällt bei Wandapparat. |
| * 4 Direktruf zur Vermittlung: 29 (ge) über Teil 11.8864.0700 mit 18 (gn) verbinden. | * 8 Bei Nebenanschluß - Ltgn. 200-750 Ohm, R2 durch R3 und Kondensator C2 ersetzen. |

- | | |
|---|--|
| * 1 U11 closes before U12. | * 5 Disconnect if required. |
| * 2 Microphone amplifier: disconnect Ü2-33, 23-34. | * 6 Instrument without dial switch: bridge 22 with 25. |
| * 3 Plug-in points for attachments. | * 7 Not required for wall instruments. |
| * 4 Direct call to operator: connect 29 (yellow) via part 11.8864.0700 to 18 (green). | * 8 For lines 200-750 ohms: replace R2 by R3 and capacitor C2. (R2 = 470 OR 390 ohms.) |

ws = white, br = brown, ge = yellow, gn = green

- | | |
|--|--|
| * 1 U11 ferme avant U12. | * 5 Couper, en cas de besoin. |
| * 2 Amplificateur de microphone: Sépare Ü2-33, 23-34. | * 6 Téléphone sans cadran: Relier 22 à 25. |
| * 3 Contacts à fiche pour appareils supplémentaires. | * 7 Inutilisé en cas de poste téléphonique mural. |
| * 4 Appel direct à l'opératrice: Connecter 29 (jaune) avec 18 (vert) par la partie 11.8864.0700. | * 8 Pour lignes de 200-750 ohms: Remplacer R2 par R3 et condensateur C2. |

ws = blanc, br = brun, ge = jaune, gn = vert

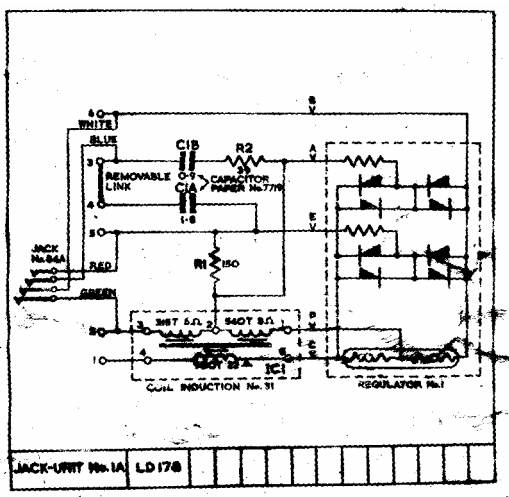
- | | |
|---|---|
| * 1 U11 cierra antes que U12. | * 5 Separar si es necesario. |
| * 2 Amplificador micrófono: Separar Ü2-33, 23-34. | * 6 Teléfono sin disco marc.: Puentear 22 con 25. |
| * 3 Enchufes para suplementos. | * 7 Se suprime en telef. pared. |
| * 4 LLam. directa a la operadora: Unir 29 (amarillo) via parte 11.8864.0700 con 18 (verde). | * 8 En líneas de 200-750 ohm. sustituir R2 por R3 y condensador C2. |

ws = blanco, br = marrón, ge = amarillo, gn = verde

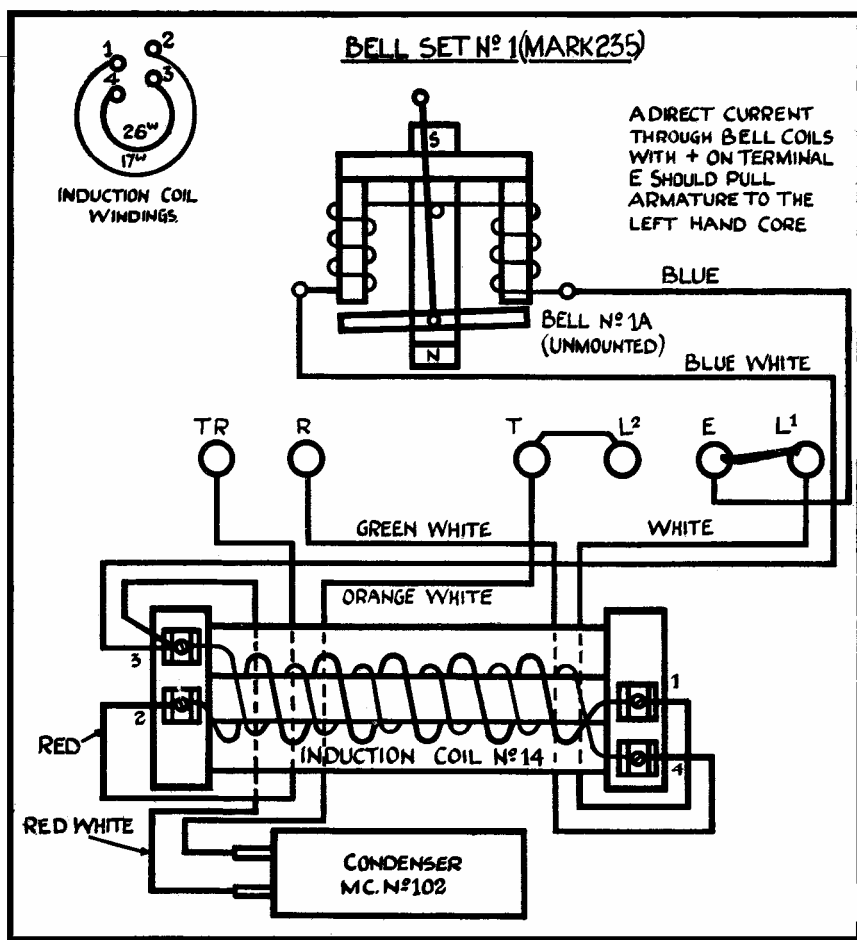
- | | |
|---|---|
| * 1 U11 chiude prima di U12. | * 5 Se necessario togliere. |
| * 2 Con amplif. microf. separare Ü2-33, e 23-34. | * 6 Senza il disco, collegare 22 con 25. |
| * 3 Innesti per disp. agg. | * 7 Con app. da muro, togliere cordone e borchia. |
| * 4 Con chiamata diretta all'operatrice, collegare 29 con 18 tramite il pezzo 11.8864.0700. | * 8 Con linea di 200-750 ohm sostituire R2 con R3 e C2. |

ws = bianco, br = bruno, ge = giallo, gn = verde

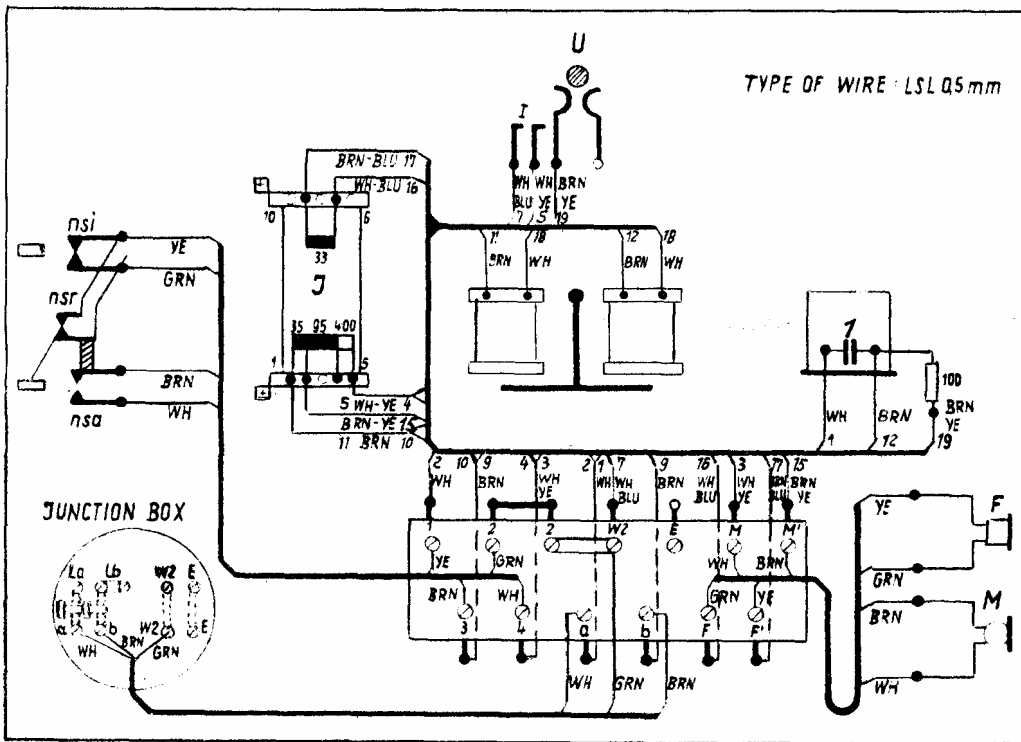
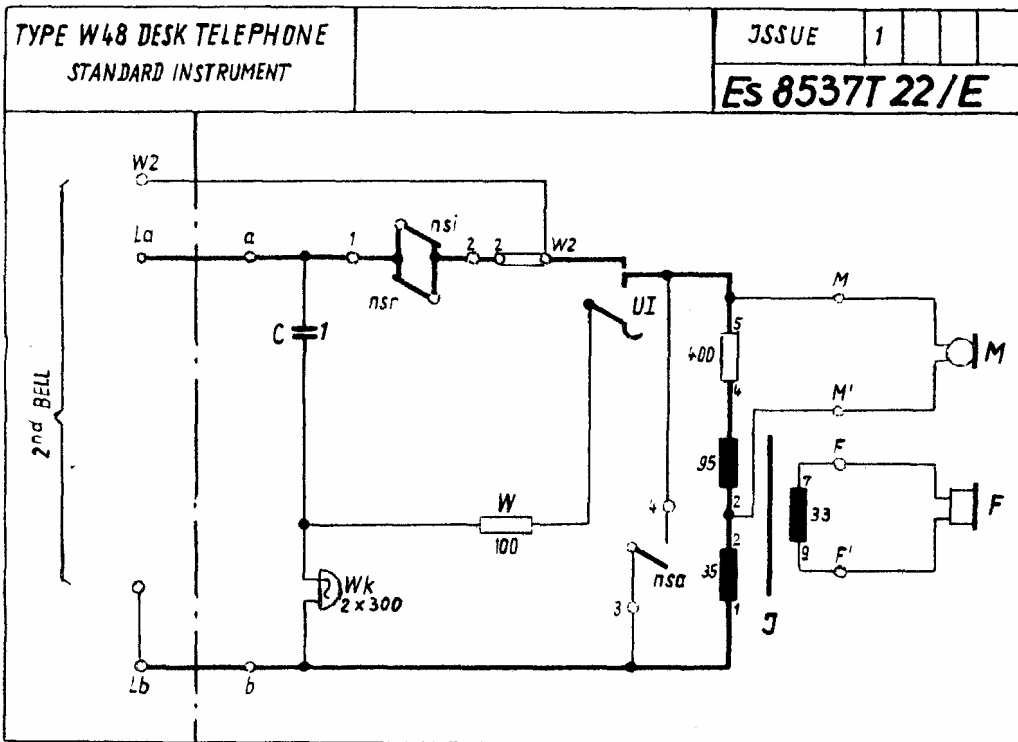
Jack Unit 1A



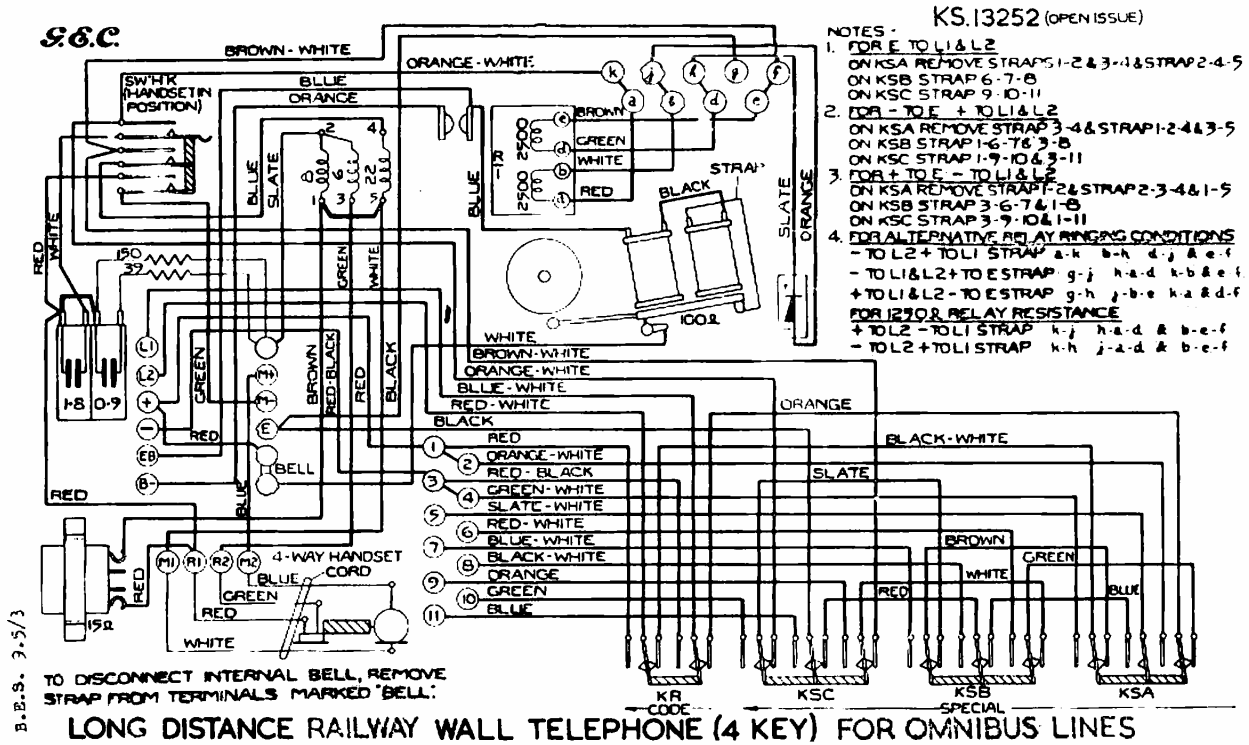
Bell Set No 1



DeTeWe/ Siemens W48 Desk Telephone

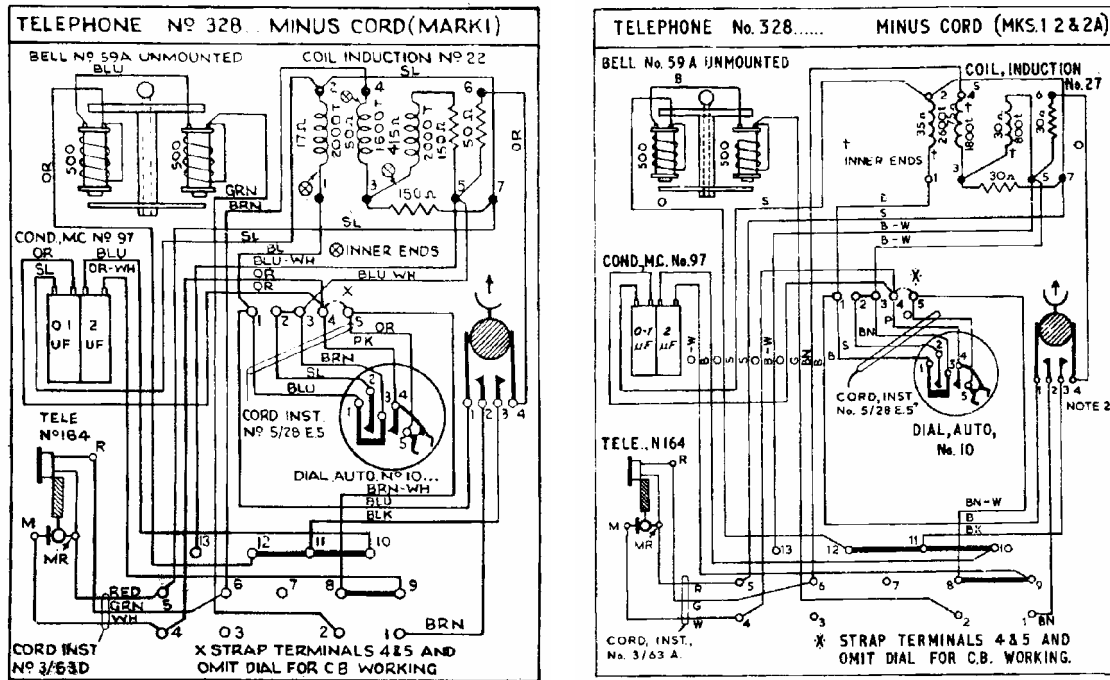


GEC KS13252 Omnibus Telephone



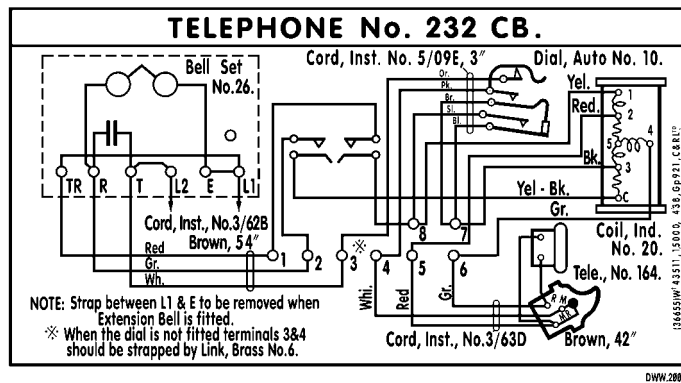
This is the plastic-bodied telephone widely used on the Eastern Region. Many combinations of calling conditions can be set up with the strapping options shown. Diagram is a composite from originals from Adrian Rodsett & Mike Ankers. Adrian adds, "Ericsson N1203aa1T (black) and GEC D99726 (grey) are desktop versions. The wall version has the type number TEL7Z/BWS" Bob Freshwater adds, "It fits with the GEC numbering style. It would mean - Telephone, serial number 7, miscellaneous, Battery Call, Wall mounted, Standard finish."

Telephone No 328 – Early and Late Versions

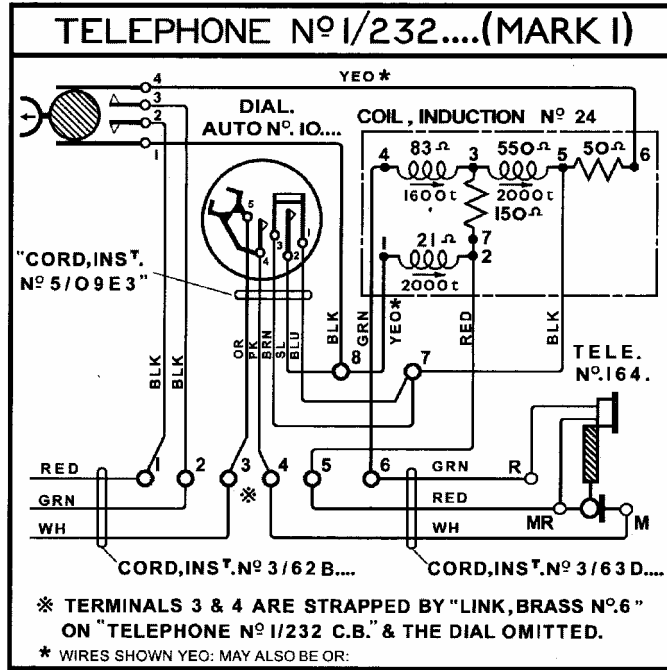


Left is the early version using a Coil Induction No 22, which was superseded in later version by C.I. No 27. Thanks to Martin Barnett. Right is the later version from N428 Issue E.

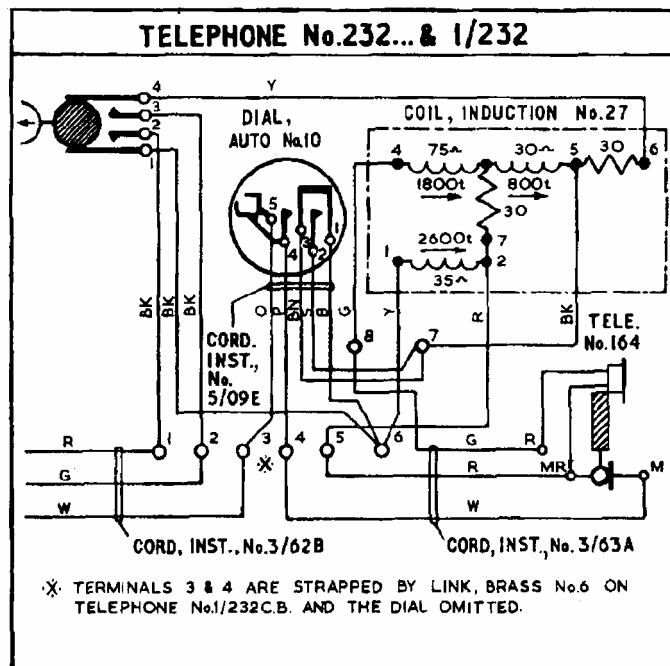
Telephone No 232 – Various Versions



An early (circa 1938) version using Coil Induction No 20 – Redrawn by David Walton & Courtesy of Martin Barnett. May not be to scale

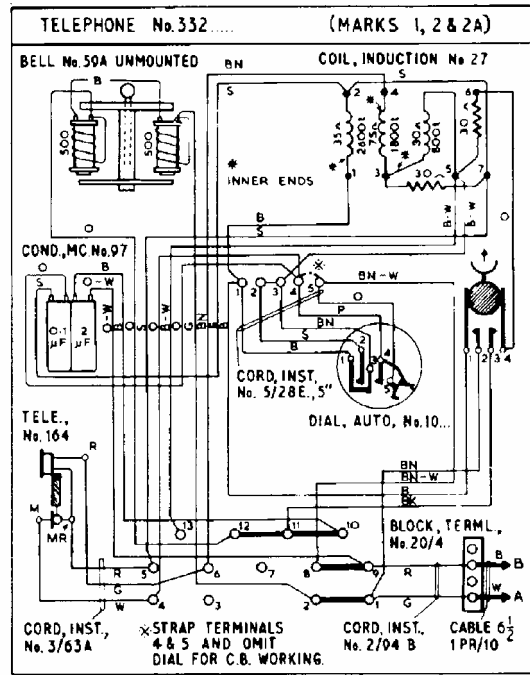
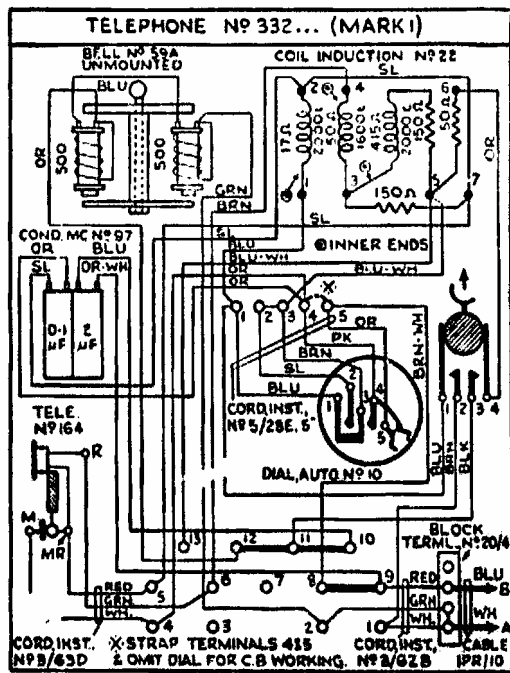


Another redraw by David Walton. This time the 1/232 with Coil Induction No 24. May not be to scale



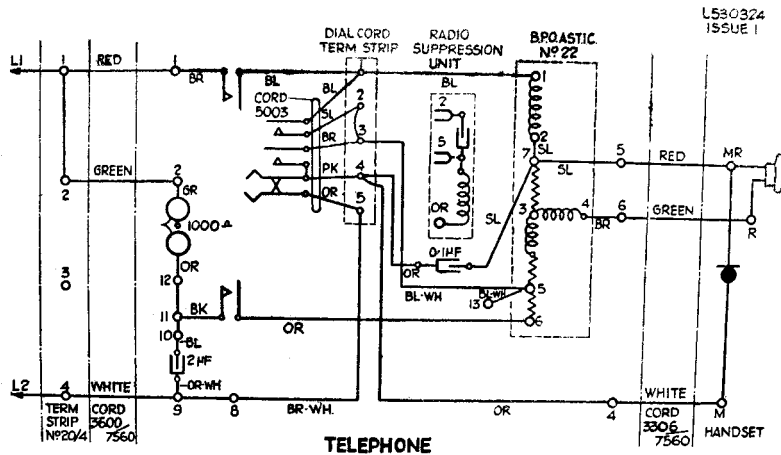
The version from N332 Issue G using Coil Induction No 27

Telephone No 332 – Early and Late Versions



An Early version using Coil Induction No 22 (Left) courtesy Martin Barnett

and (Right) Later version from N432 Iss G with Coil Induction 27. Below an Australian issue Tele 332AT using Coil Ind No 22 from 1938 manufactured by ATM, also courtesy Martin Barnett.



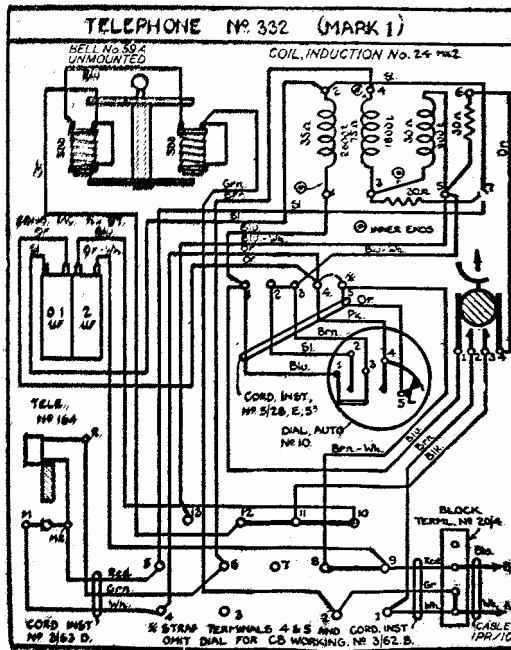
- NOTES:-**
- (1) FOR C.B. WORKING, OMIT DIAL AND STRAP TERMINALS 4 & 5 ON DIAL CORD TERMINAL STRIP.
 - (2) EXTENSION BELL, IF REQUIRED, TO BE CONNECTED TO TERMINALS 1 & 2 OF TERMINAL STRIP No 20/4 AND STRAP REMOVED.
 - (3) RADIO SUPPRESSION UNIT, IF REQUIRED, TO BE FITTED TO TERMINALS 2 & 5 OF DIAL CORD TERMINAL STRIP AND/OR WIRE OF 500S CORD REMOVED FROM TERMINAL 5 AND CONNECTED TO THE SCREW TERMINAL OF UNIT.

DRG C1350

SCHEDULE C1971

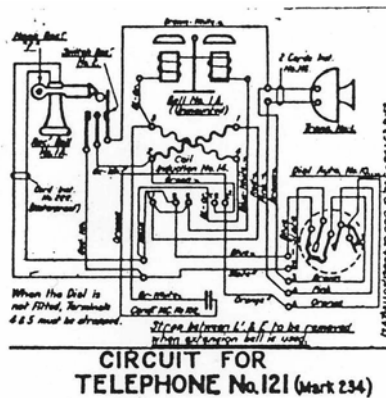
ITEM 34

TELE 332 AT & 332CBT



Martin has also sent the above curiosity from a telephone made by Plessey (PL code) dated 1940. Note that the coil is shown as Coil Induction No 24 Mk 2, but the coil winding details are identical with the CI No 27 on later versions. Opinion is that it's a misprint and should have read No 27.

Telephone No 121



Thanks to Laurence Rudolph