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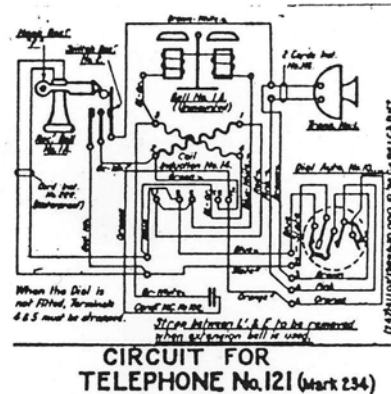
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Several of these drawings are courtesy of Andrew Emmerson. Unless acknowledged, the others are from miscellaneous sources.

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.

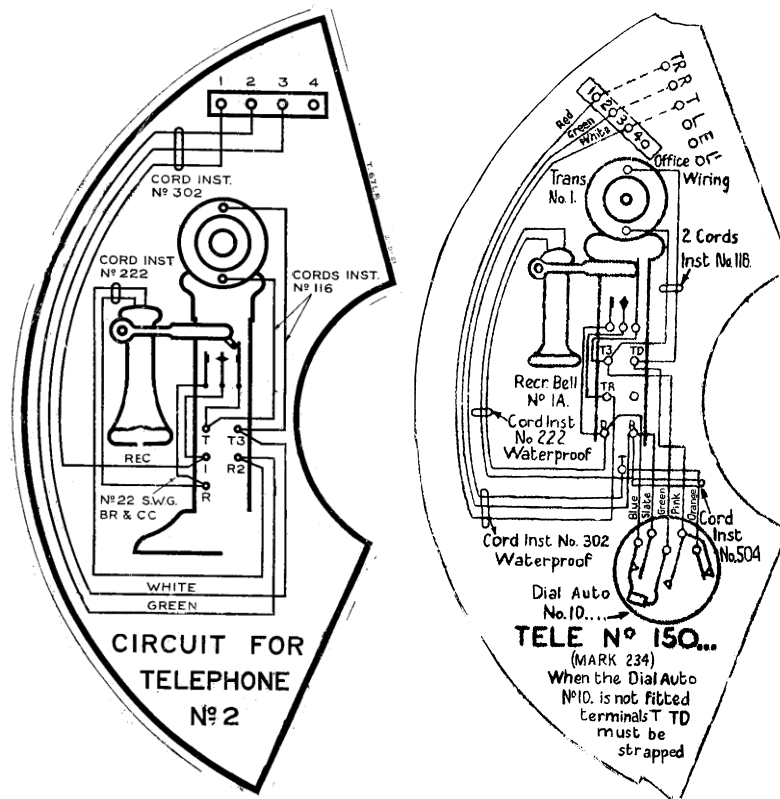
Sam Hallas

Telephone No 121



Thanks to Laurence Rudolph

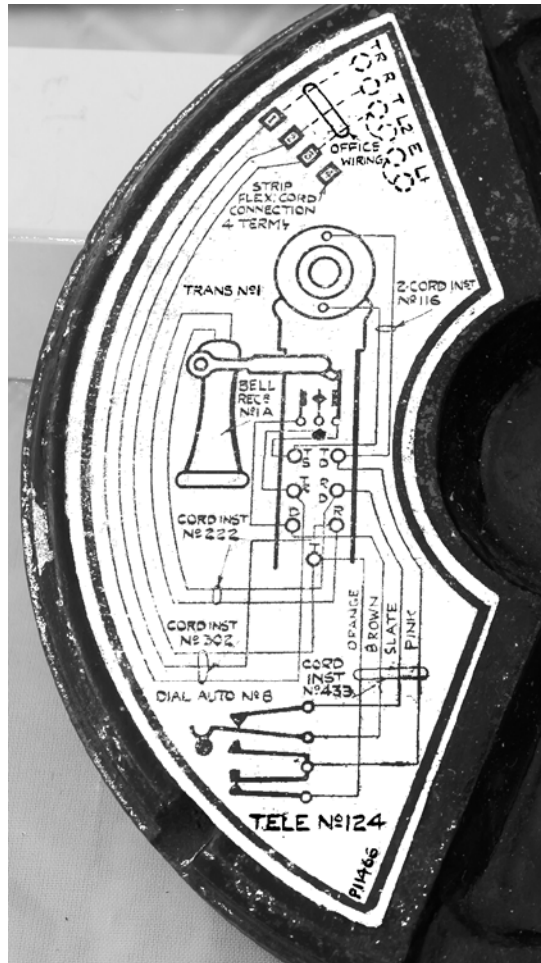
Telephone No 2 and No 150 – Candlestick Phones



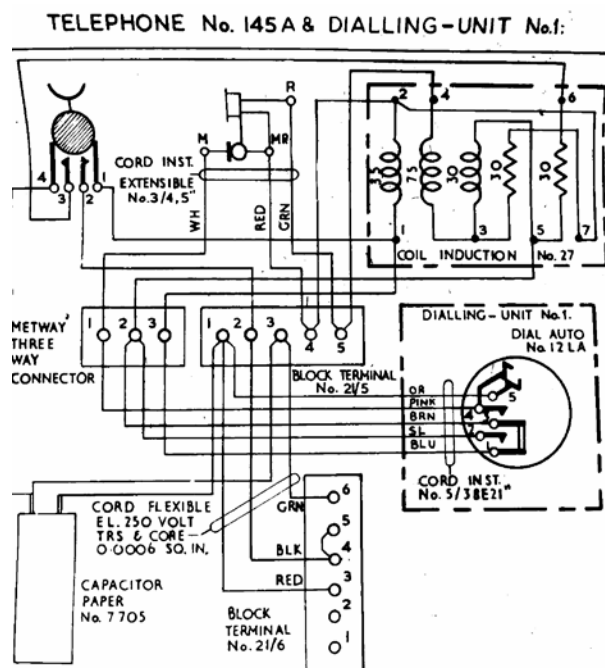
No 2, courtesy of Lawrence Rudolph (Size is only approximate.)

Telephone No 124

Courtesy of Chris Boyce

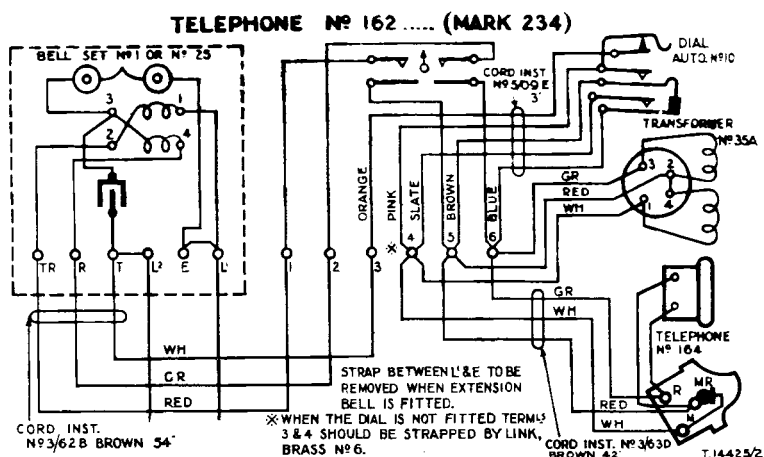


Telephone No 145A

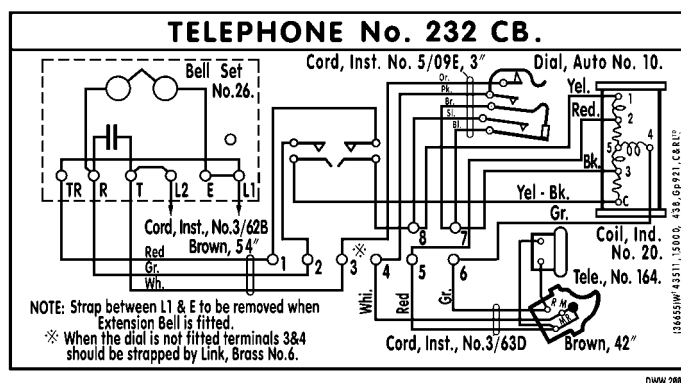


Courtesy of Martin Barnett

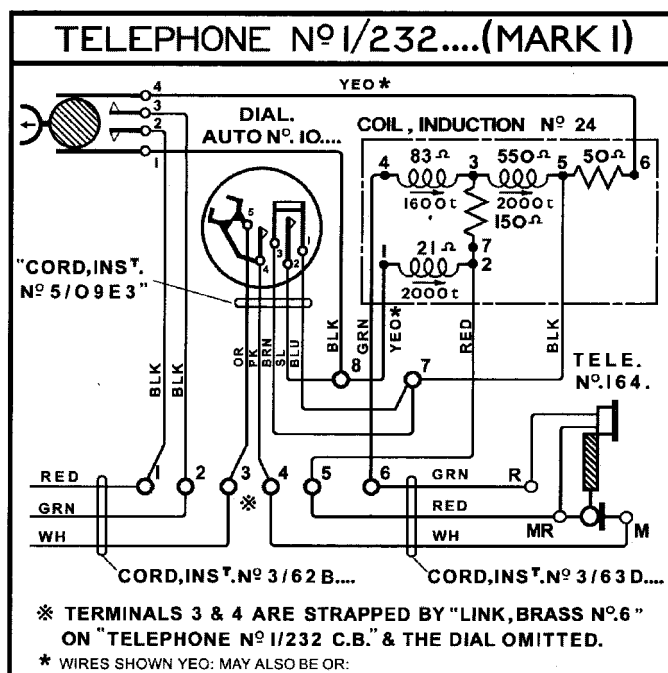
Telephone No 162



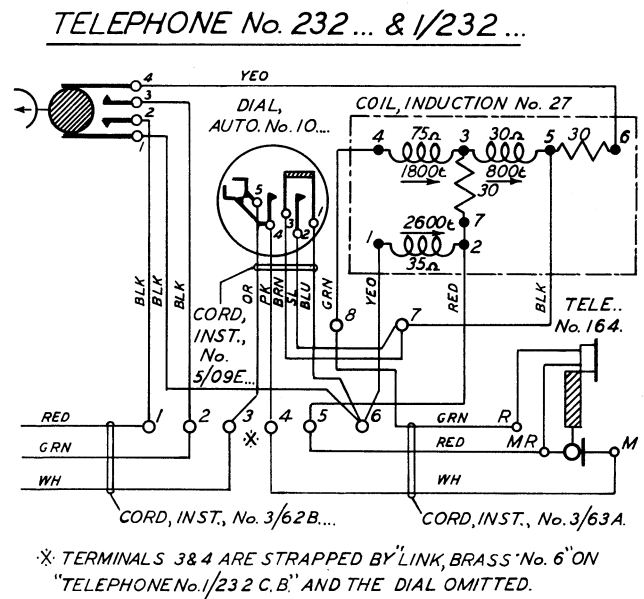
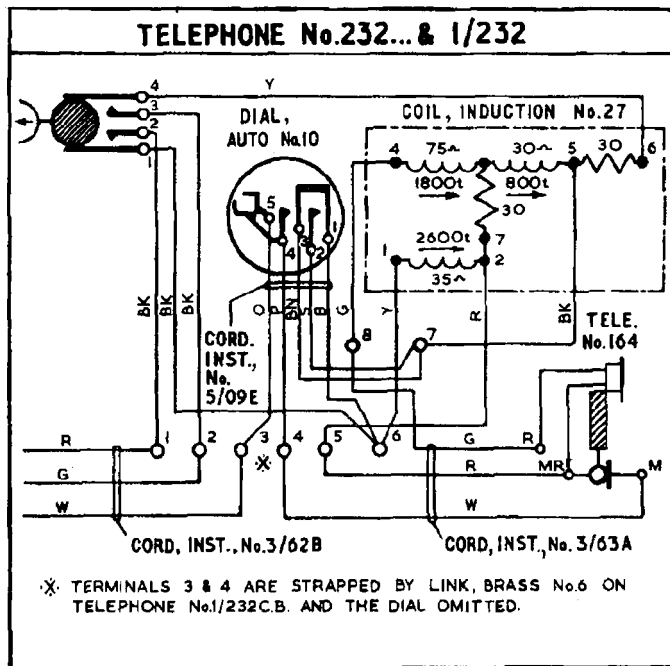
Telephone No 232 – Various Versions



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

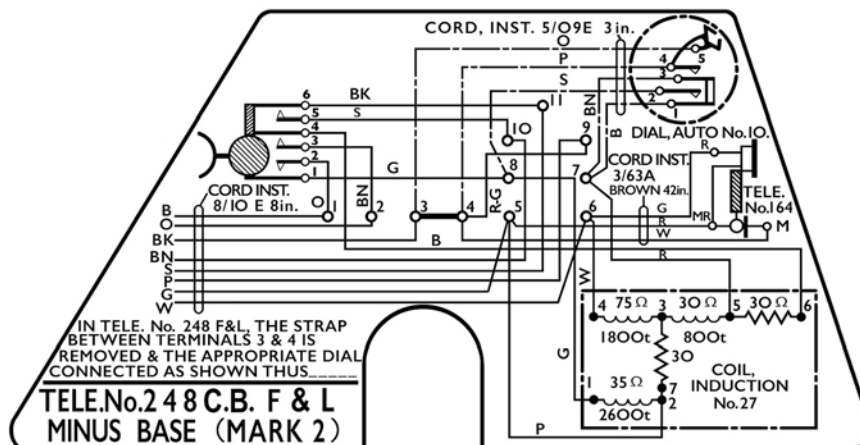
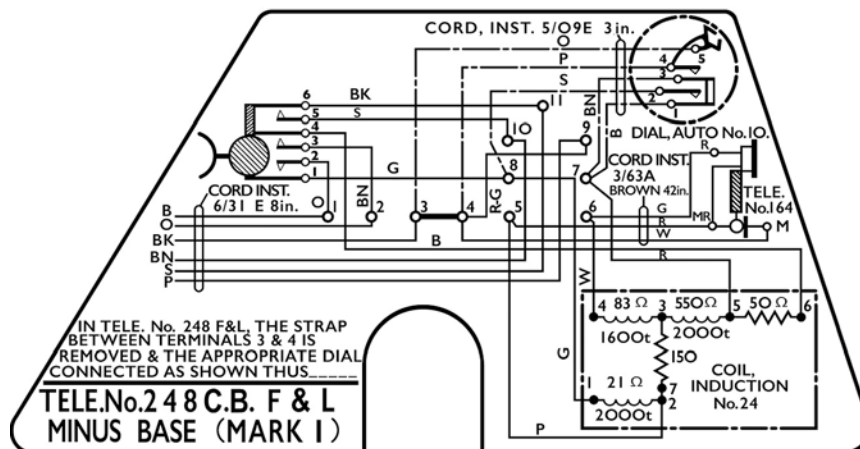


Another redraw by David Walton. This time the 1/232 with Coil Induction No 24. May not be to scale



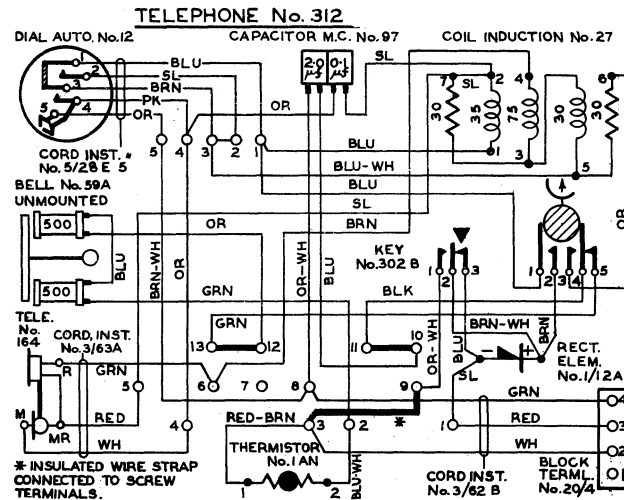
Two versions from N332 Issue G using Coil Induction No 27

Telephone No 248, Marks 1 and 2



redrawn by David Walton & Courtesy of Martin Barnett. Saved at actual size (4.5" wide)

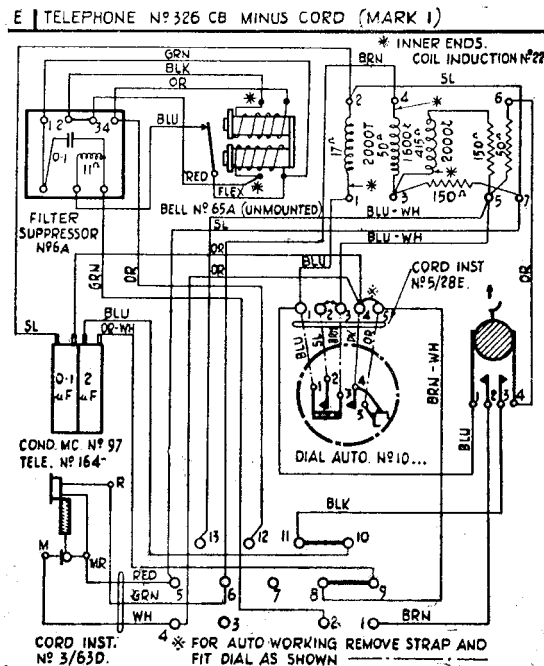
Telephone No 312



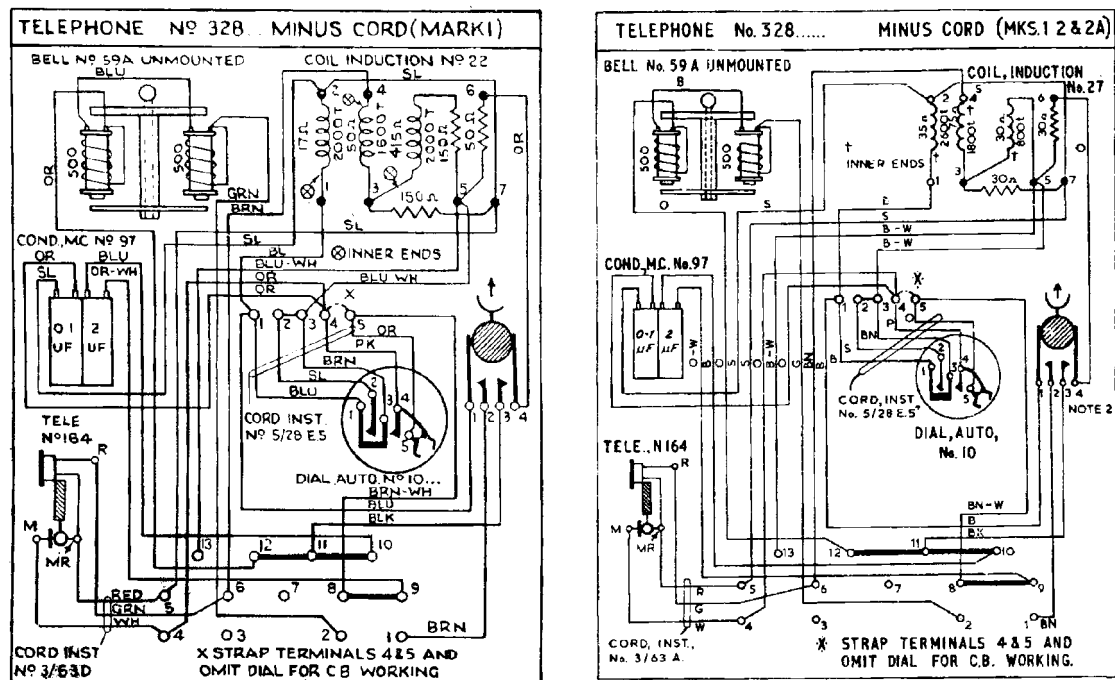
Telephone 326 CB

Courtesy Martin Barnett. Dated 1939, has coil induction 22 and the early suppressor 6A. The telephone has only a DC trembler bell ringer with one bell gong. This would be used for internal signalling only.

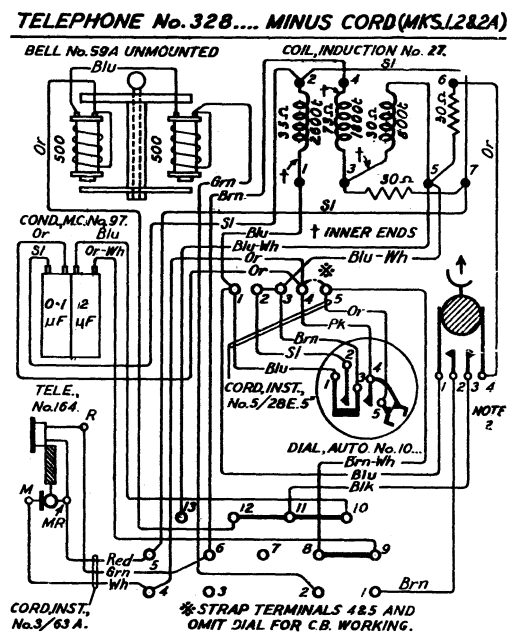
<https://www.britishtelephones.com/t326.htm>



Telephone No 328 – Early and Late Versions

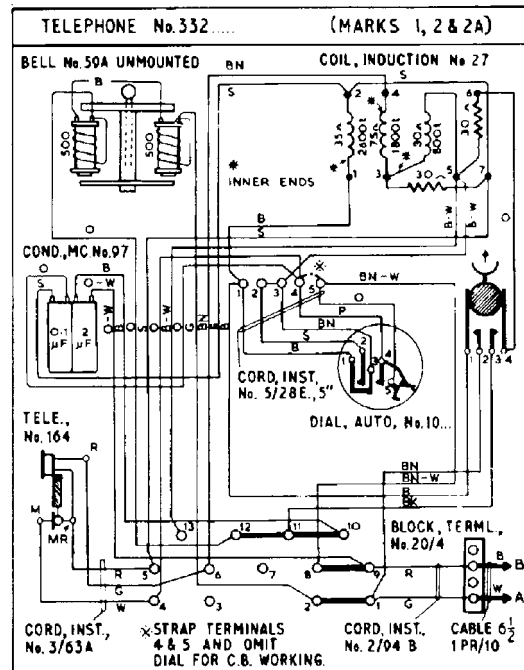
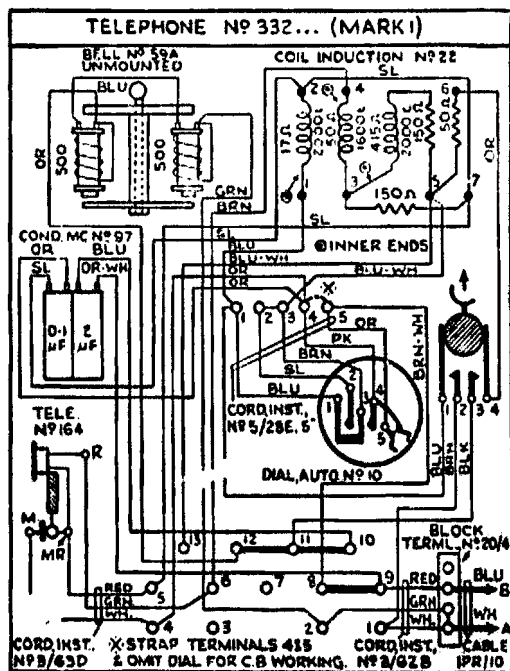


Left is the early version using a Coil Induction No 22, which was superseded in later version by C.I. No 27. Thanks to Martin Barnett. Right is the later version from N428 Issue E. Below is another variation.

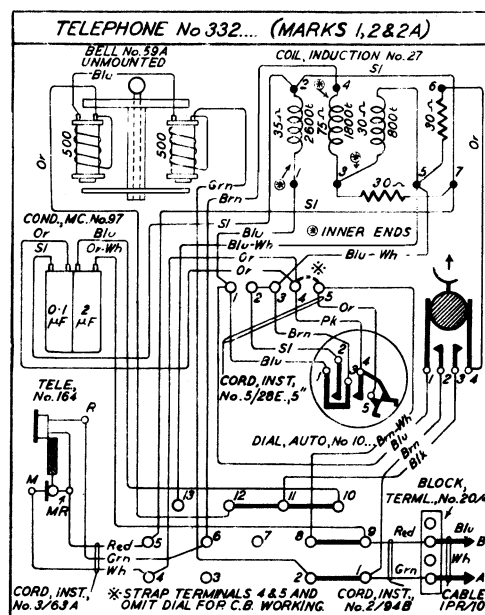


Telephone No 328 has provision for up to 3 buttons, but the wiring for the buttons is not shown on the paster, but is in N428.

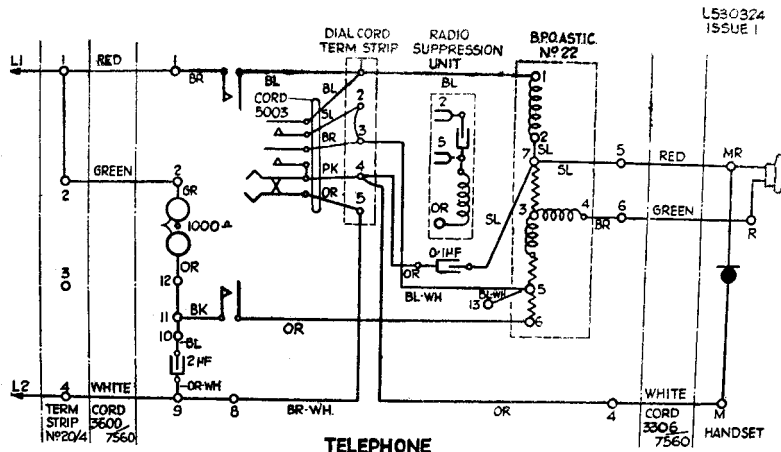
Telephone No 332 – Early and Late Versions



An Early version using Coil Induction No 22 (Left) courtesy Martin Barnett and (Right) Later version from N432 Iss G with Coil Induction 27

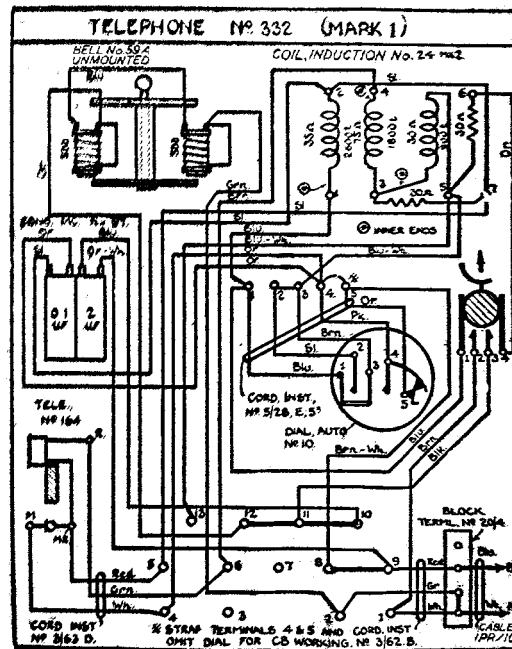


and (centre) another variation with the wire colours marked differently. Below an Australian issue Tele 332AT using Coil Ind No 22 from 1938 manufactured by ATM, also courtesy Martin Barnett.



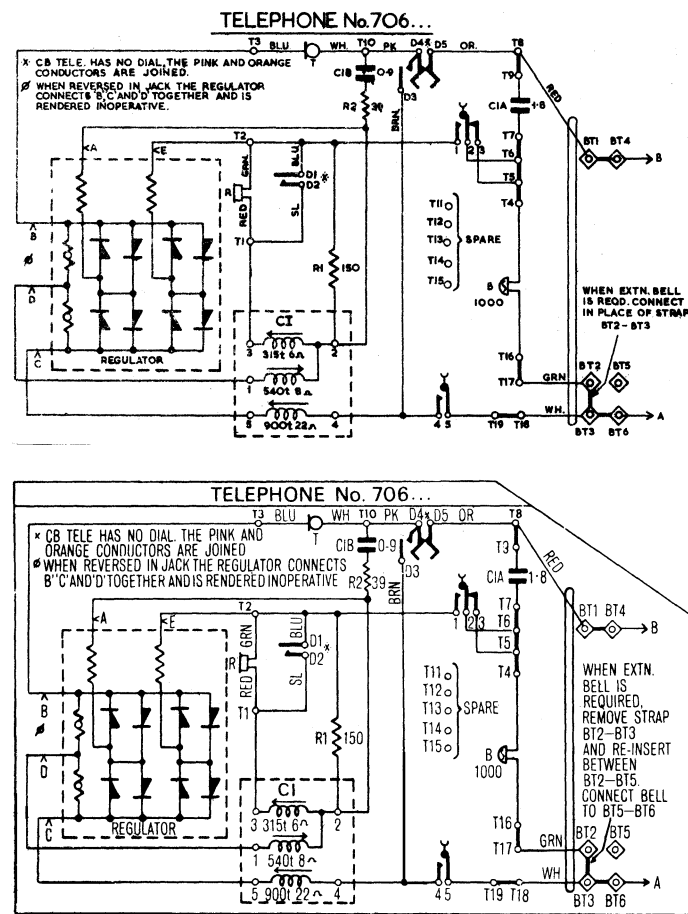
- NOTES:-** (1) FOR CB WORKING, OMIT DIAL AND STRAP TERMINALS 4 & 5 ON DIAL CORD TERMINAL STRIP.
 (2) EXTENSION BELL, IF REQUIRED, TO BE CONNECTED TO TERMINALS 1 & 2 OF TERMINAL STRIP N° 20/4 AND STRAP REMOVED.
 (3) RADIO SUPPRESSION UNIT, IF REQUIRED, TO BE FITTED TO TERMINALS 2 & 5 OF DIAL CORD TERMINAL STRIP AND OR WIRE OF 5003 CORD REMOVED FROM TERMINAL 5 AND CONNECTED TO THE SCREW TERMINAL OF UNIT.

DRG C1350 SCHEDULE C1971 ITEM 34 TELE: 332 AT & 332CBT



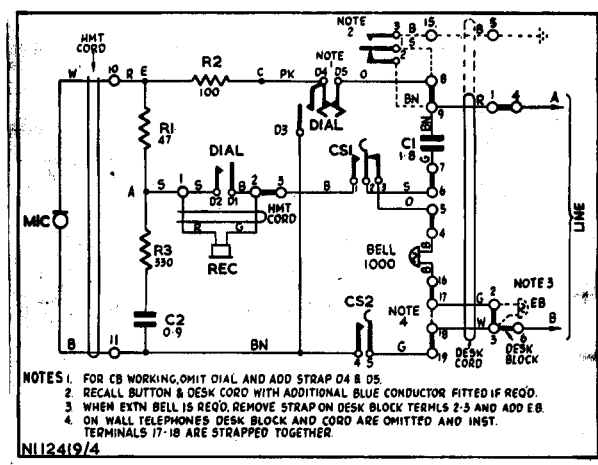
Martin has also sent the above curiosity from a telephone made by Plessey (PL code) dated 1940. Note that the coil is shown as Coil Induction No 24 Mk 2, but the coil winding details are identical with the CI No 27 on later versions. Opinion is that it's a misprint and should have read No 27.

Telephone No 706



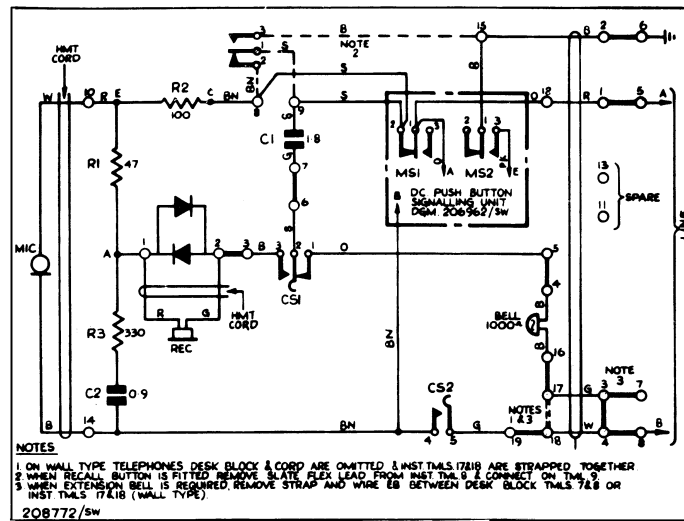
Two variations

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

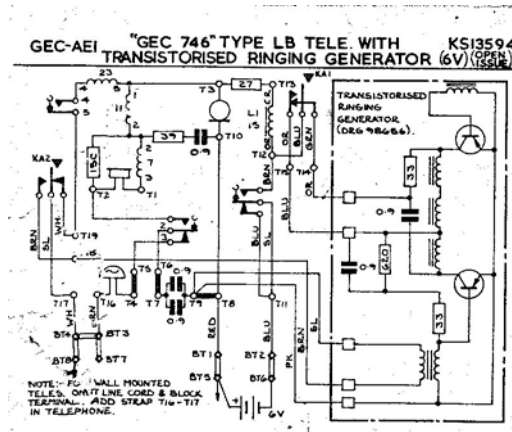


The regulator is omitted along with the hybrid anti-sidetone coil. Intended for PAX working.

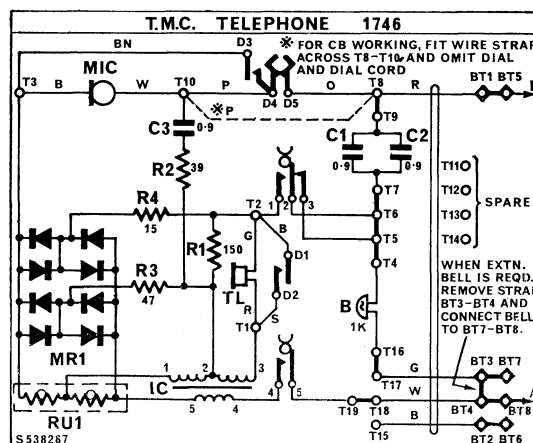
Telephone No 706 with Code C signalling: Drawing SW 208772



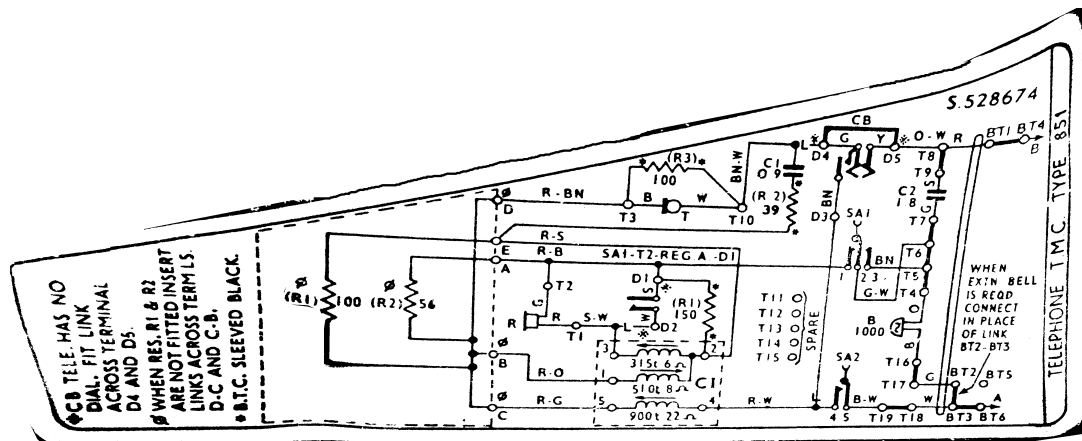
GEC 746 Type LB Tele with Transistorised Ring Generator KS 13594



TMC Telephone 1746



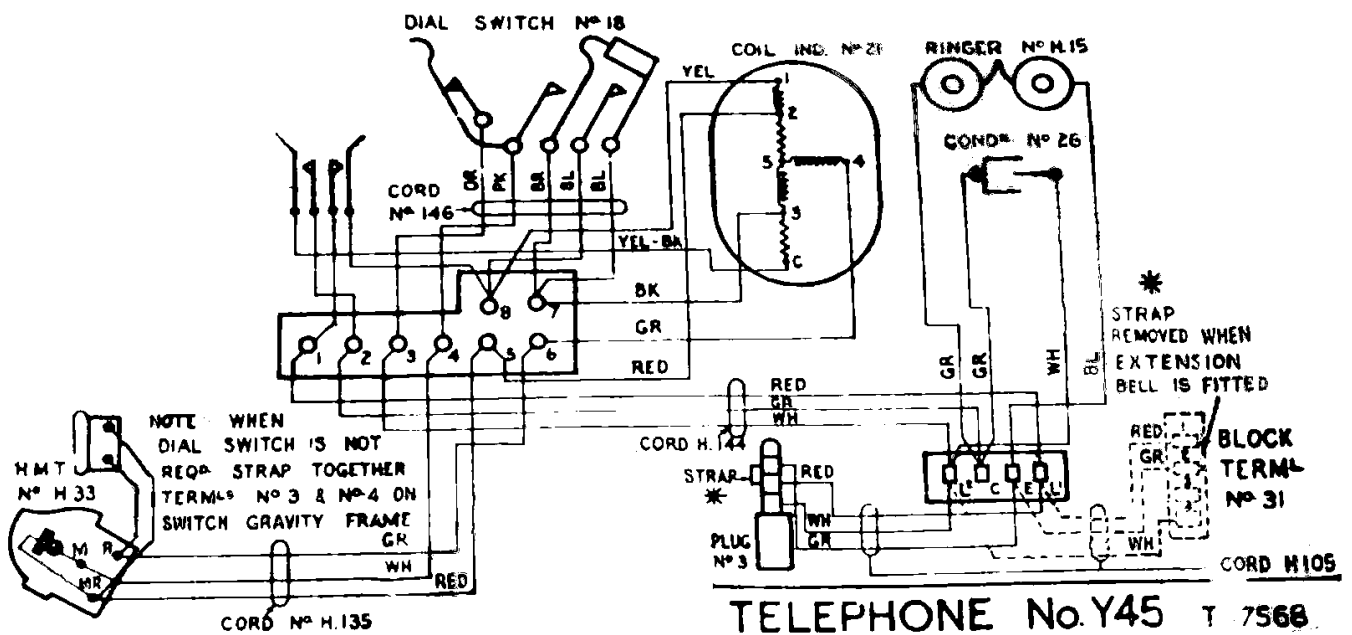
TMC Telephone 851, S.528674



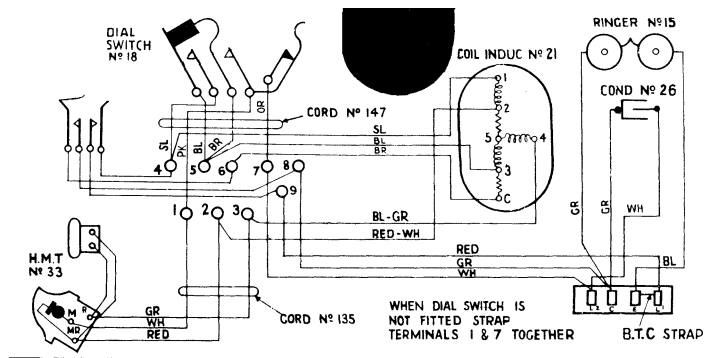
From a photograph by Tony Duell, so not to scale.

Siemens Brothers Telephone No 310 – ‘Neophone’

This paster is from Bob Freshwater's site, <http://www.britishtelephones.com/siemensb/310.htm>. Telephone Y45 - This is probably a 310, with a plug ended lead, used by the British Armed Forces. It's from a photograph so will not be to scale.



Siemens Brothers Telephone No 311

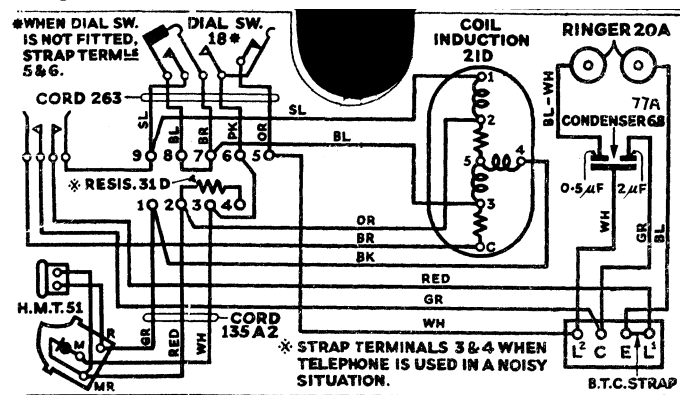


TELEPHONE N° 311

T 14864

The black area is cut out of the paster label.

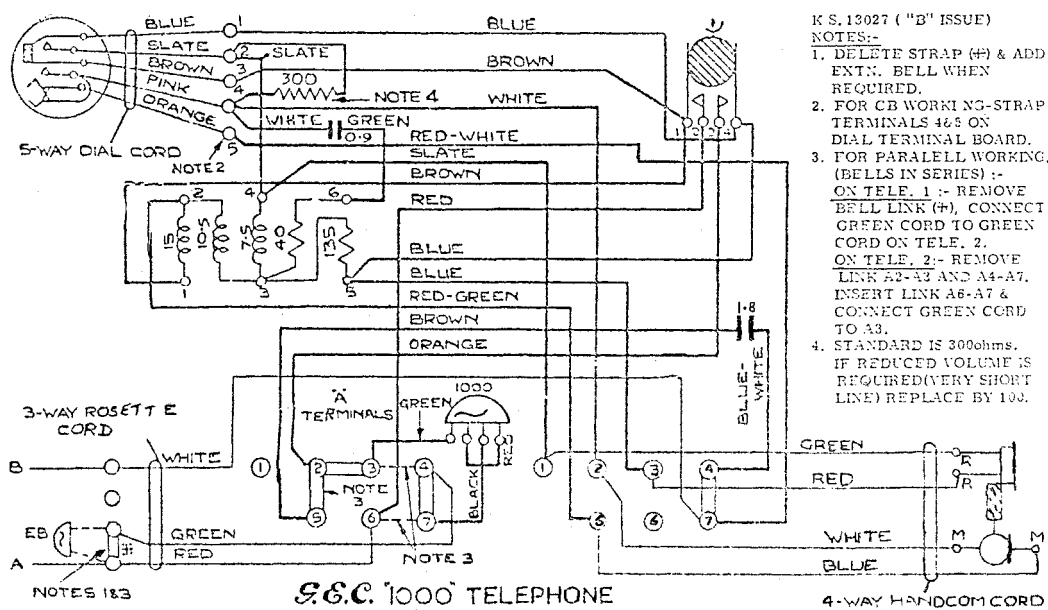
Siemens Brothers Telephone No 366



TELEPHONE 366

T 25449

GEC 1000 Series Telephones, T9, T10 and T17



G.E.C. 1000 TELEPHONE

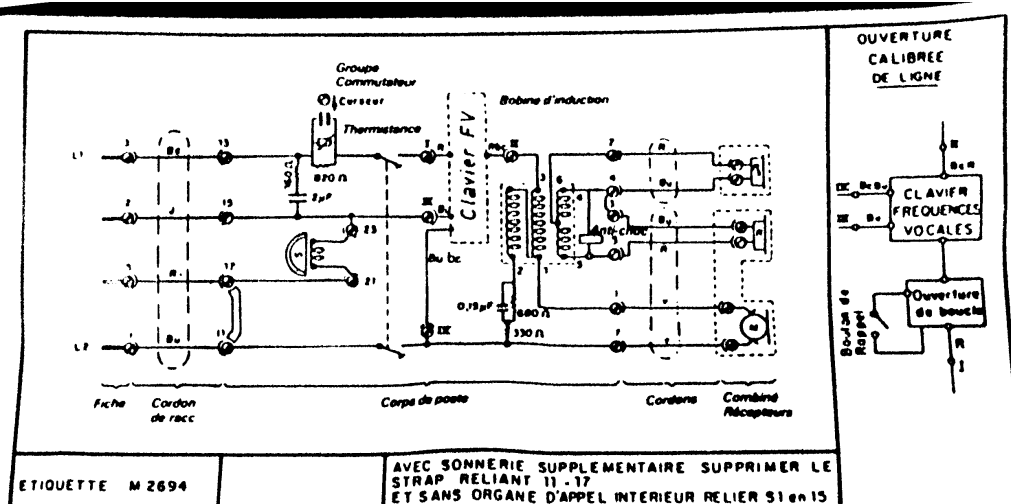
K.S. 13027 ("B" ISSUE)

NOTES:-

1. DELETE STRAP (#) & ADD EXT. BELL WHEN REQUIRED.
2. FOR CB WORKING-STRAP TERMINALS 4 & 5 ON DIAL TERMINAL BOARD.
3. FOR PARALLEL WORKING (BELLS IN SERIES):-
ON TELE. 1:- REMOVE BELL LINK (#), CONNECT GREEN CORD TO GREEN CORD ON TELE. 2.
ON TELE. 2:- REMOVE LINK A2-A3 AND A4-A7. INSERT LINK A6-A7 & CONNECT GREEN CORD TO A3.
4. STANDARD IS 300ohms. IF REDUCED VOLUME IS REQUIRED (VERY SHORT LINE) REPLACE BY 100.

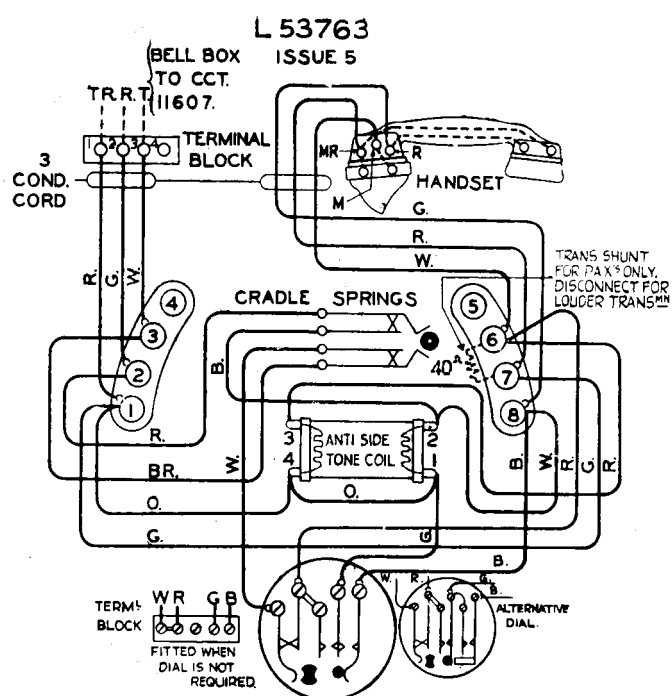
From Jim Foster's Information Sheets. It may be to scale, not sure.

French Telephone S63



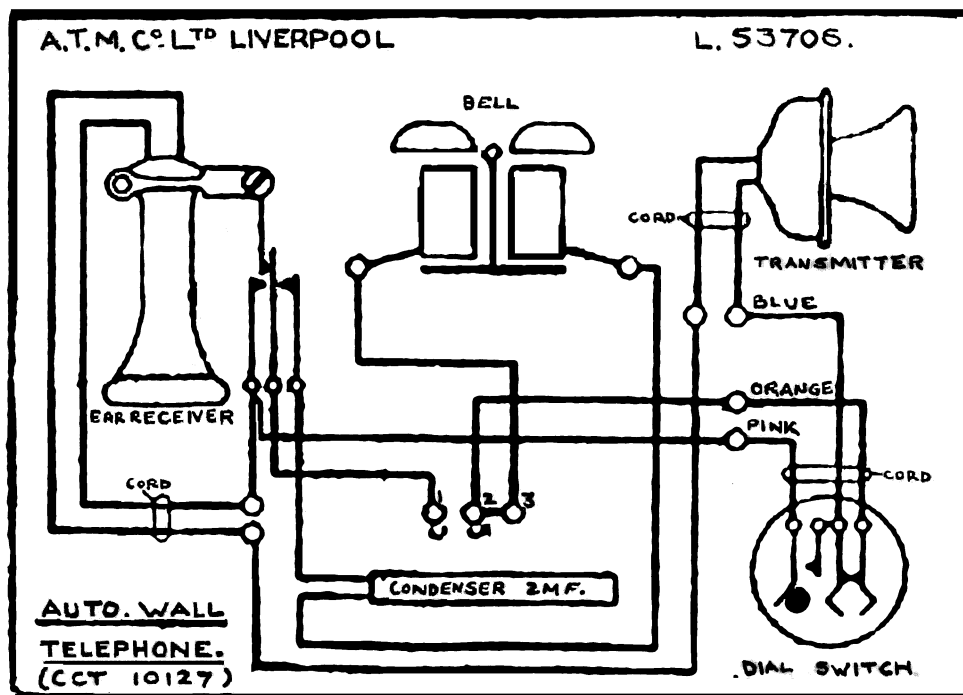
From a photograph by Tony Duell so not to scale

StrowgerPhone



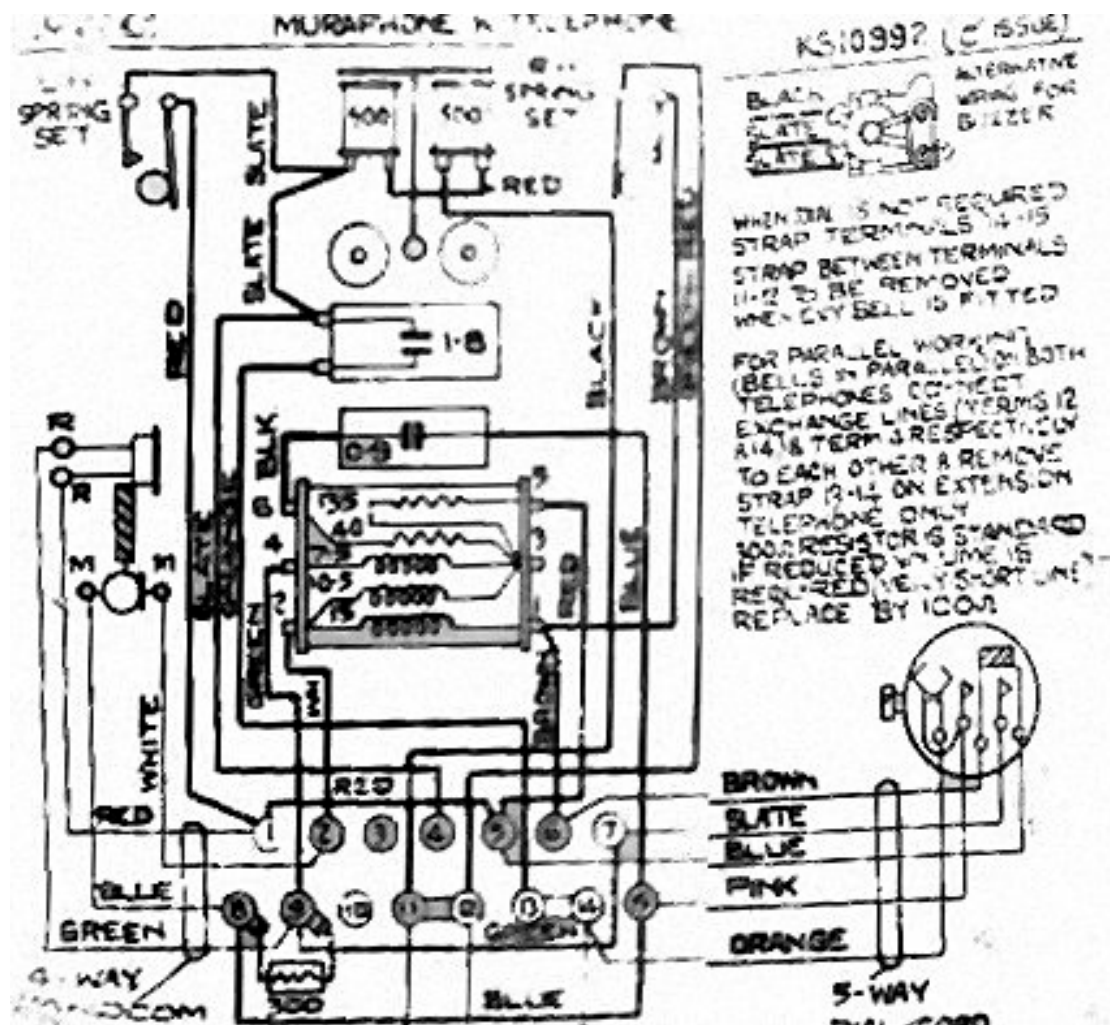
This pasteur is circular. The correct dimension are unknown.

ATM Auto Wall Telephone, L.53706: Circuit 10127



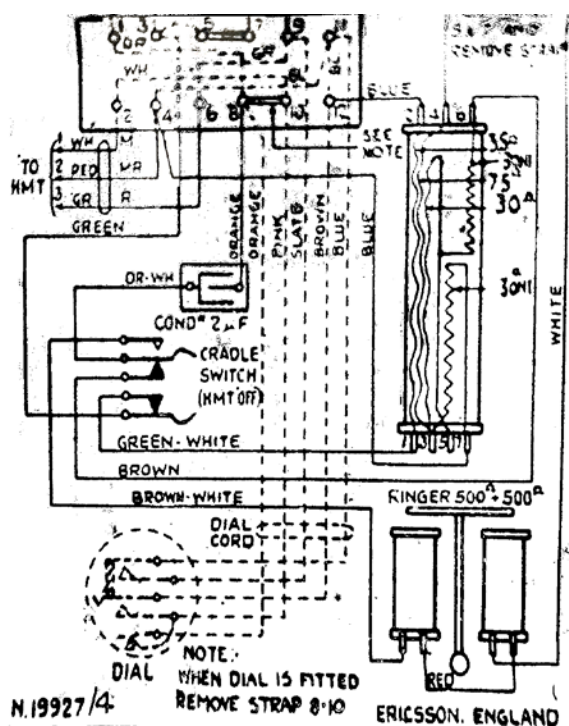
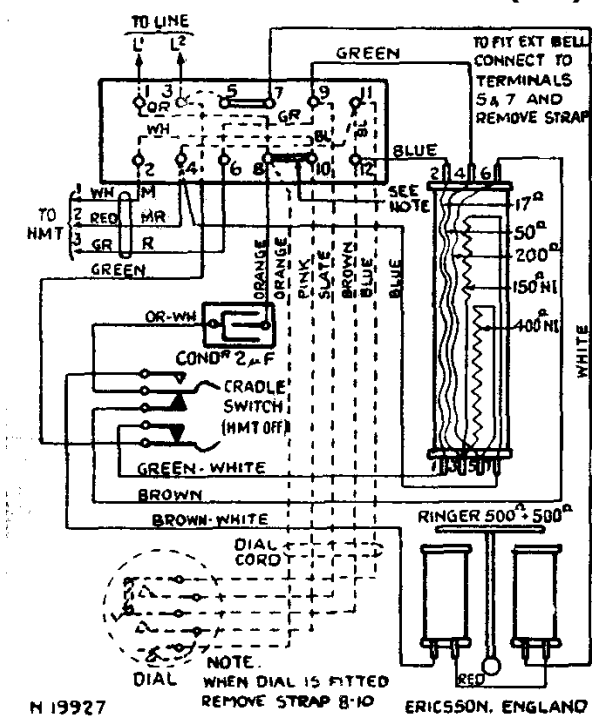
Very simple circuit with no induction coil.

Muraphone



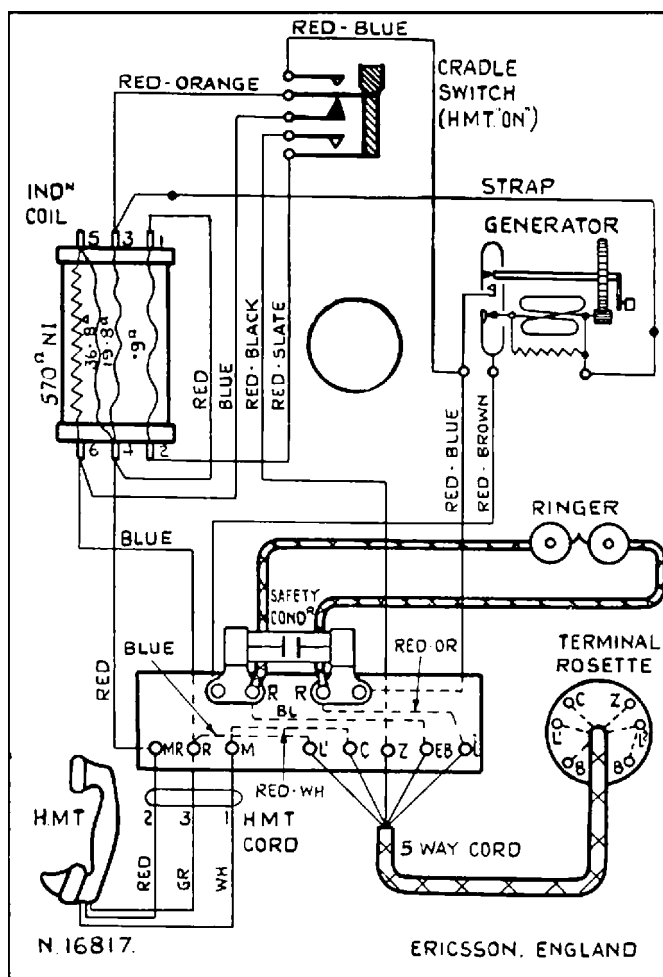
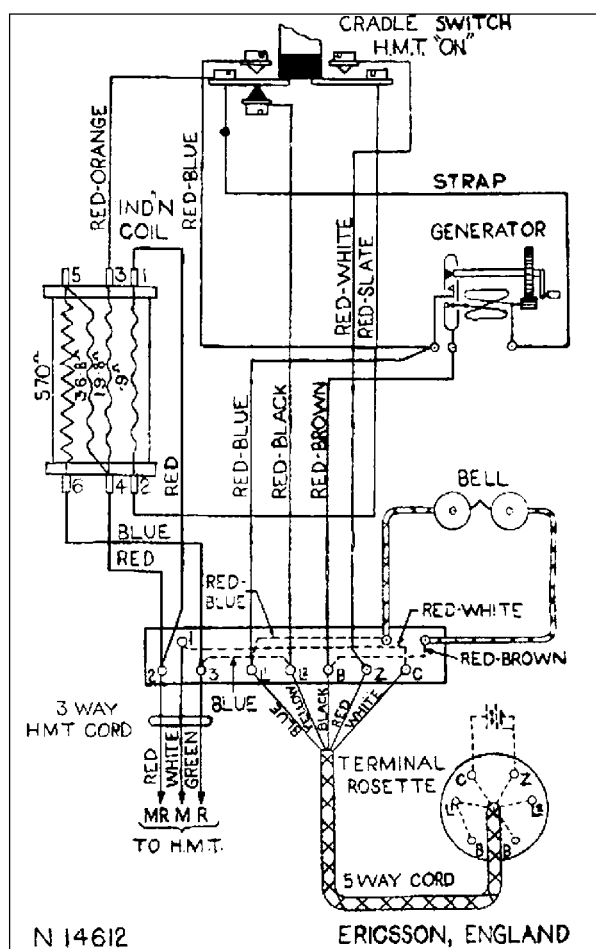
Sorry, this is the best I can do with this one. The original is in a poor state. There's a much better version on the Australasian Telephone Collectors' website
<http://telephonedcollecting.org/Muraphone.pdf>

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



RH diagram, Martin Barnett sent the RH version and wrote in 2023, "I recently bought one of these dated 1955 - very late - the diagram is different from any other I have seen, its shows coil induction 27, the earlier ones uses coil 20 or 22."

Ericsson Magneto Phones, N2115, N2115B

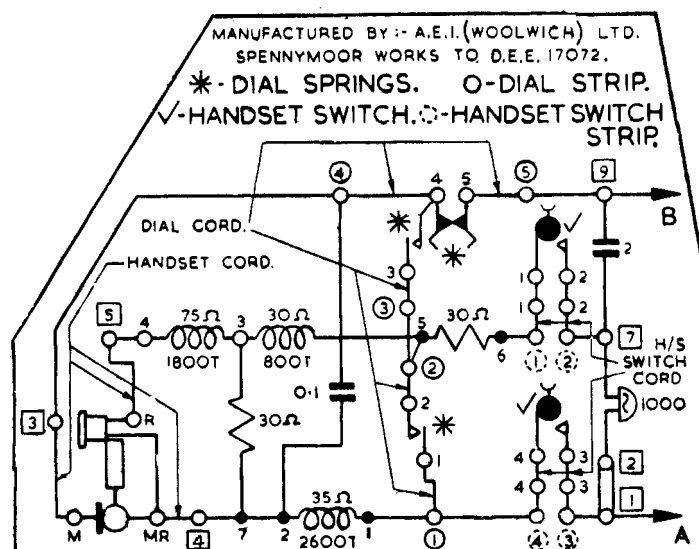


Left, N2115, Magneto desk tele, Drawing N14612

Right: N2115B Magneto mining desk tele, Drawing N16817

Thanks to John Mulrane for these two.

AEI ApPhone



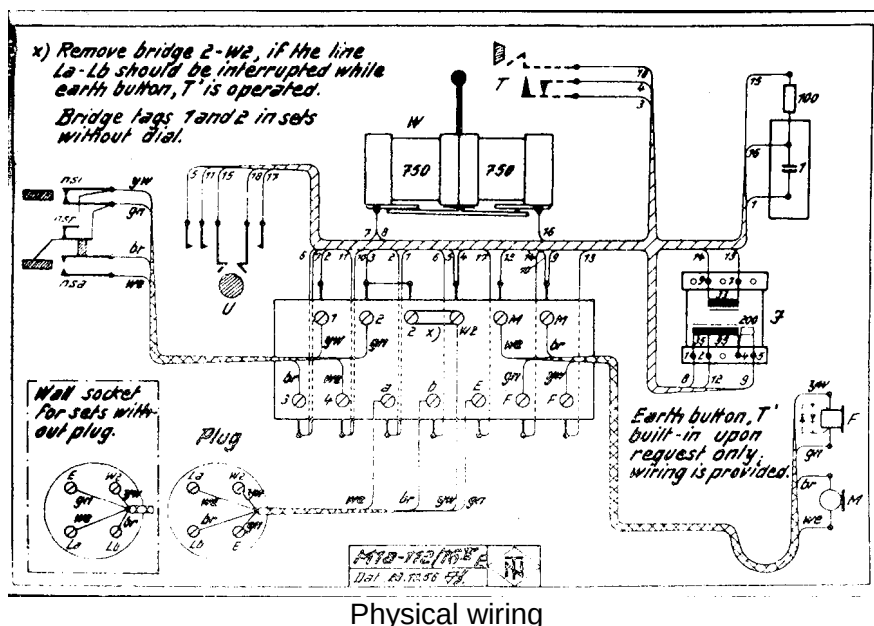
Telephone 162 MT/MW: Drawing C1256 Sheet 1

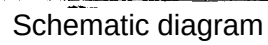
Diagram illustrating the wiring connections for a telephone system, showing components and their interconnections:

- Hand Gen:** Hand Generator, BPO N°4 C.M.
- NOTE 1:** Terminal Strip, CORD 3600.
- NOTE 2:** Terminal Strip, CORD 3600.
- BELL SET:** Bell Set, CORD 1009.
- CORD 1009:** Cord connecting the Bell Set to the Handset Telephone.
- HANDSET TELEPHONE:** Handset Telephone, CORD 5500.
- CORD 5500:** Cord connecting the Handset Telephone to the Handset.
- HANDSET:** Handset.

TELEPHONE 162 MT/MW DWG C1256 SHT 1.

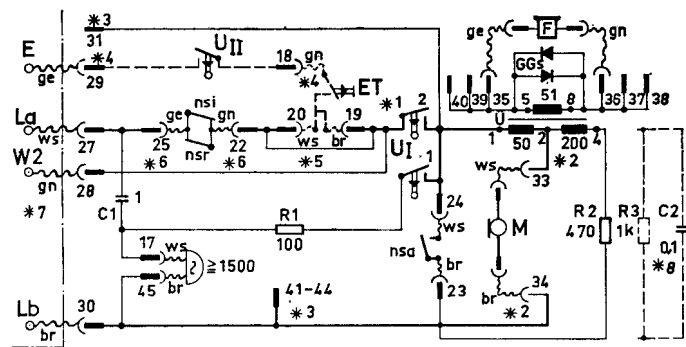
T&N s1a-112 16ve





Schematic diagram

T&N s1a-112_114i



17.3645.0160



S1a - 112/114 I

- | | |
|---|---|
| * 1 UI1 schließt vor UI2. | * 5 Bei Bedarf trennen. |
| * 2 Mikrofonverstärker: 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 UI1 closes before UI2. | * 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 UI1 ferme avant UI2. | * 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

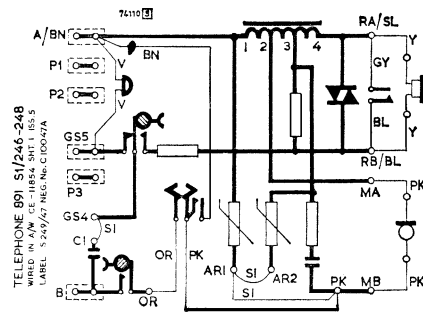
- | | |
|---|---|
| * 1 UI1 cierra antes que UI2. | * 5 Separar si es necesario. |
| * 2 Amplificador micrófono: Separar Ü2-33, 23-34. | * 6 Teléfono sin disco marc.: Puentear 22 con 25. |
| * 3 Enchufes para suplementos. | * 7 Se suprime en telef. pared. |
| * 4 Llam. directa a la operadora: Unir 29 (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 UI1 chiude prima di UI2. | * 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. |

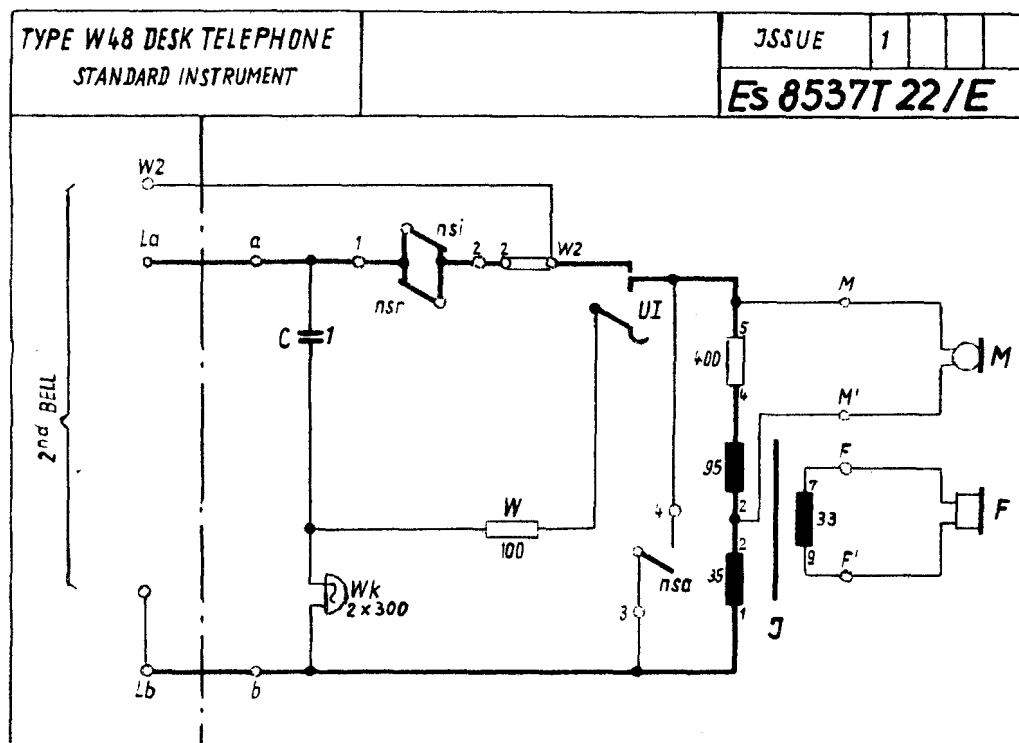
ws = bianco, br = bruno, ge = giallo, gn = verde

Another German one S1/246-248

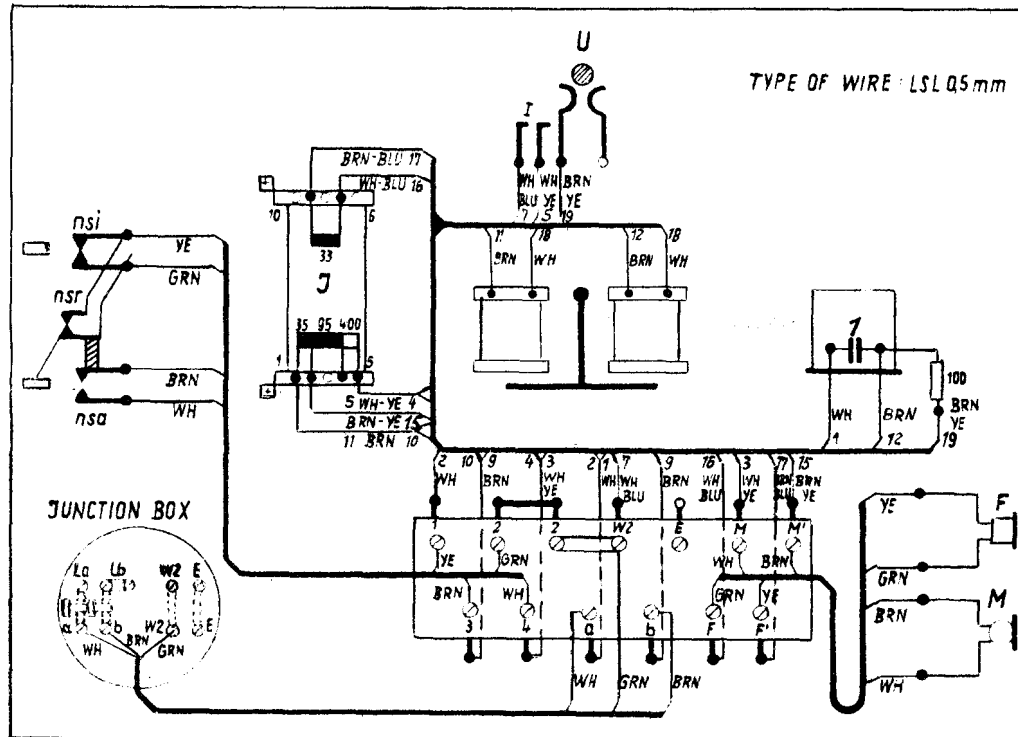


Yes, it is that small really.

DeTeWe/ Siemens W48 Desk Telephone

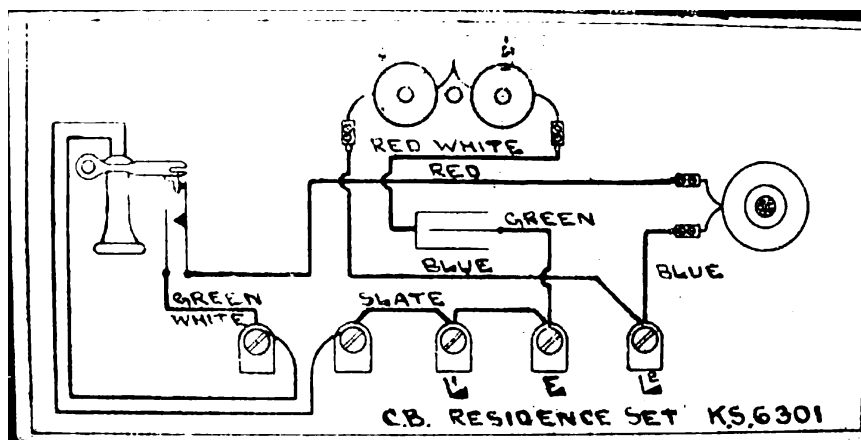


Schematic diagram



Physical wiring diagram

CB Residence Set KS6301

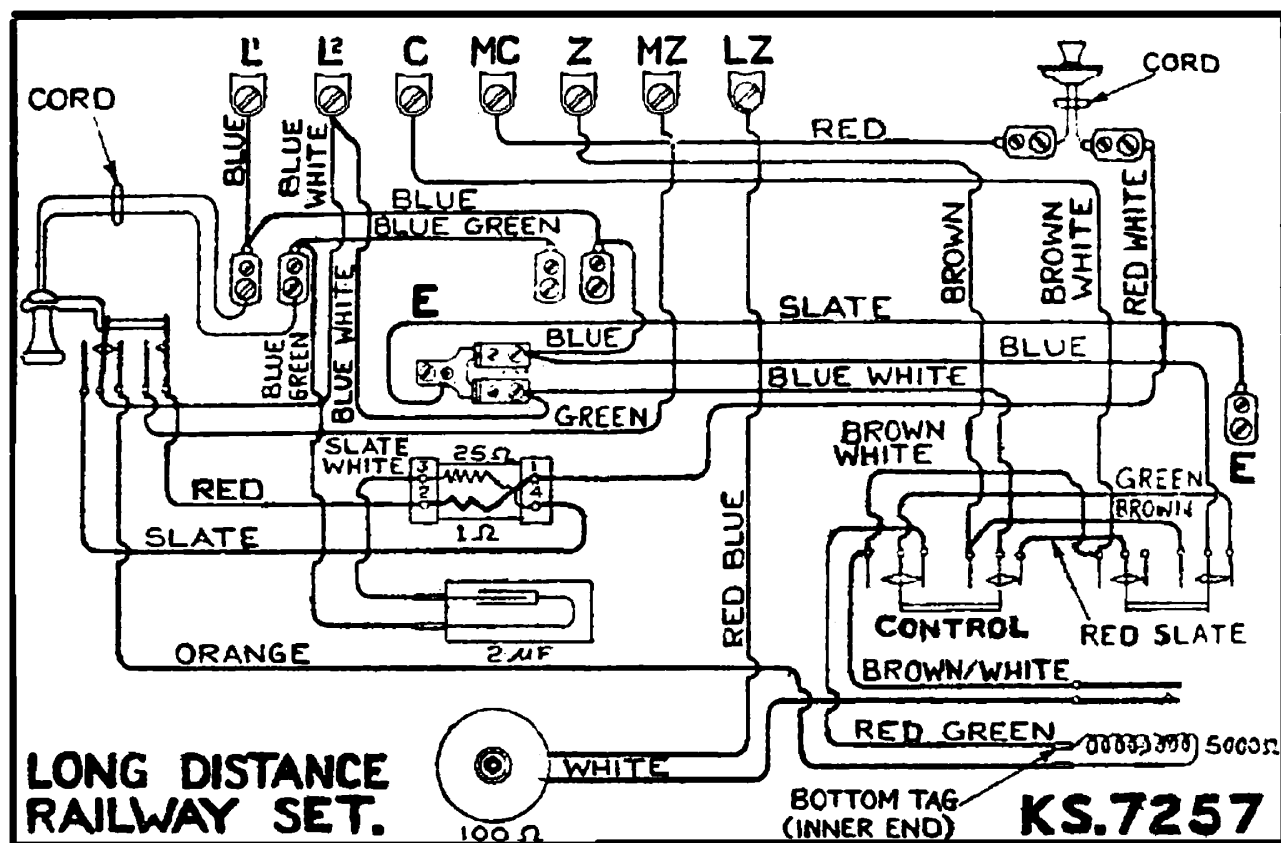


Photographed inside a house telephone somewhere. Transmitter & receiver are wired in series with no induction coil. Magneto bell with isolating capacitor.

Geoff Mawdsley adds: "The Australian drawing called "Residence set" is a GEC made wall 121 look-alike from about 1929 and they have a simple series circuit with current flowing through the bell-receiver to energise the electro-magnet. The dial is mounted flat without the angled bracket the GPO has. They were usually nickel plated and not oxidised like the UK 121. The one I bought was sent out from Coventry in 1929 to Oz and sent back to UK in 2001."

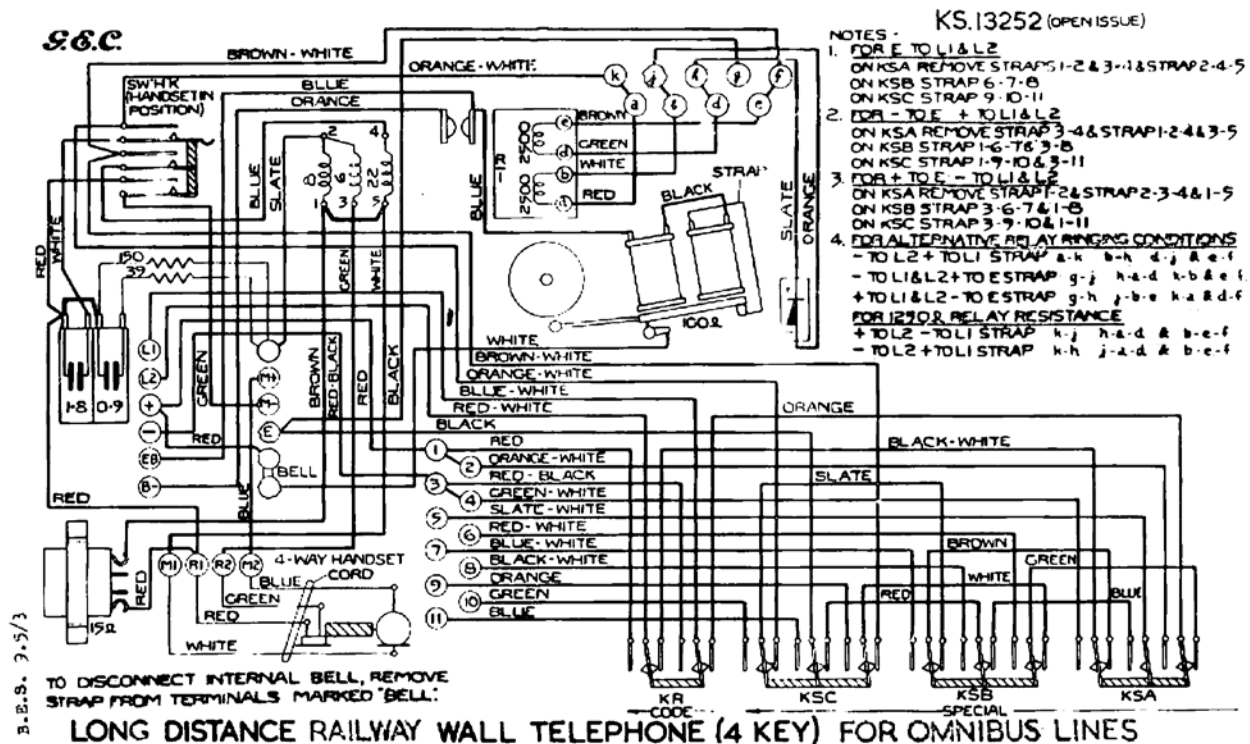
And Jack Ryan followed up with: "the GE telephone KS6301 isn't specifically Australian although it was used here in PAX service. It was not used by the PMG. The only series circuit auto phone used by the PMG (that I am aware of) was the Automatic Electric (Geelong) residence set - the same one as used by the GPO. I'm not sure I would call it a 121 look-alike. The 121 used the same cabinet and that was originally used by the Bellset No 1."

Long Distance Railway Set KS.7257



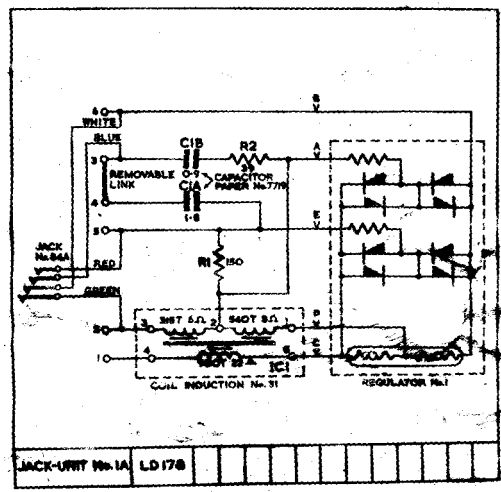
Long Distance Railway Set is the standard two-button wooden wall phone by GEC, used throughout the LMS Railway and BR(LMR) [AE]. The Control button is red and applies the opposite polarity battery to line to the ordinary call button.

GEC KS13252 Omnibus Telephone

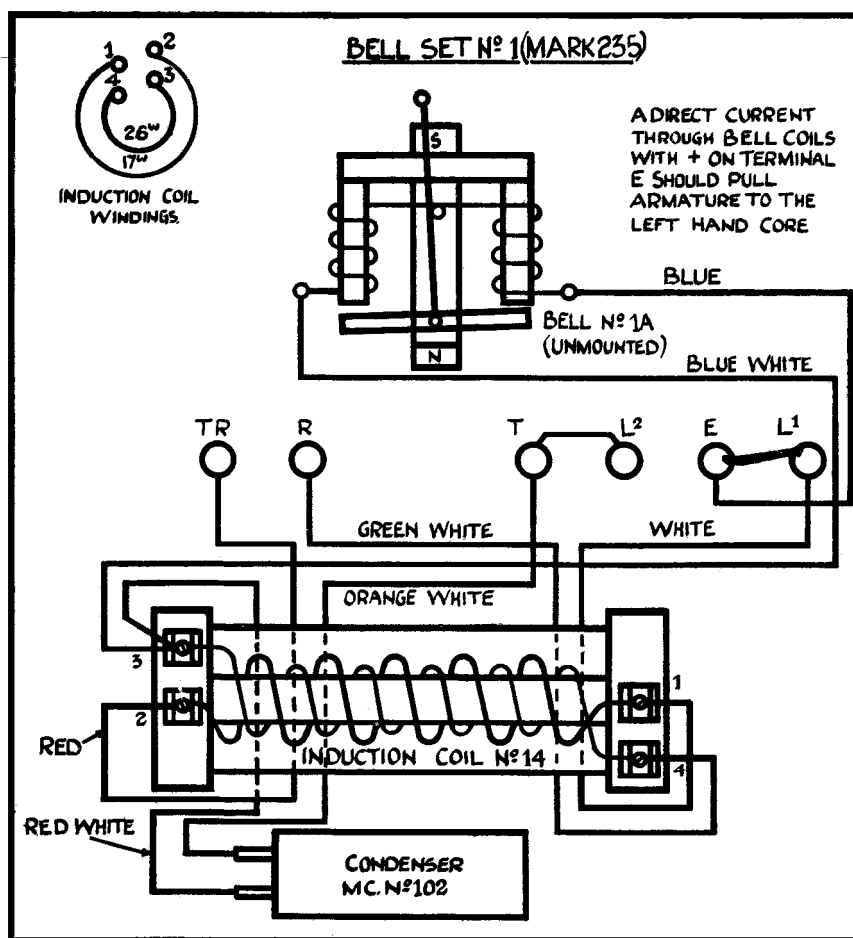


This is the plastic-bodied telephone widely used on the Eastern Region. Many combinations of calling conditions can be set up with the strapping options shown. Diagram is a composite from originals from Adrian Rodsett & Mike Ankers. Adrian adds, "Ericsson N1203aa1T (black) and GEC D99726 (grey) are desktop 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."

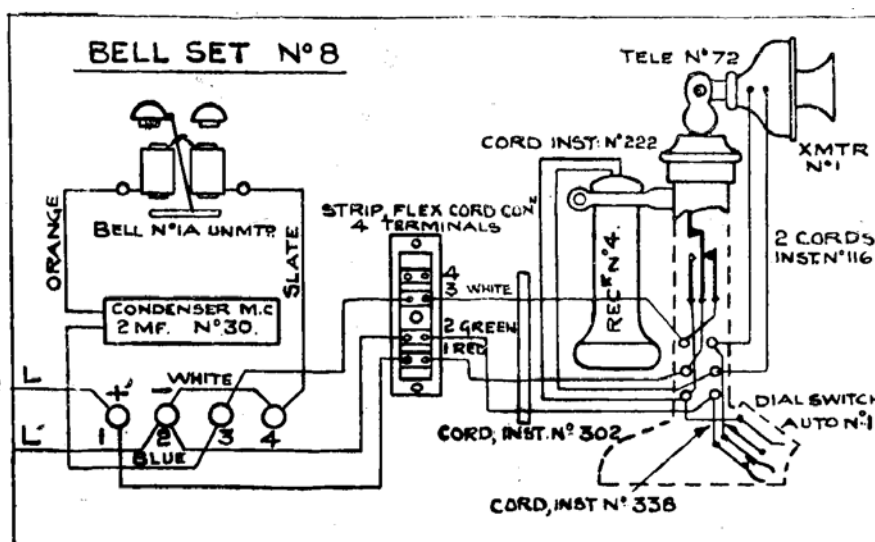
Jack Unit 1A



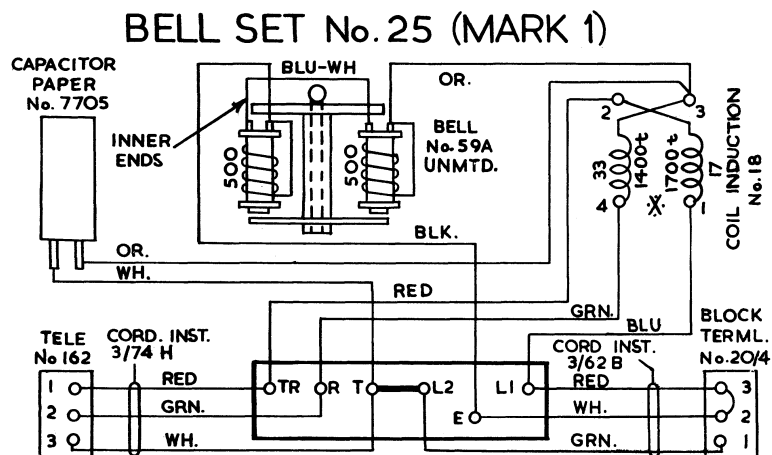
Bell Set No 1



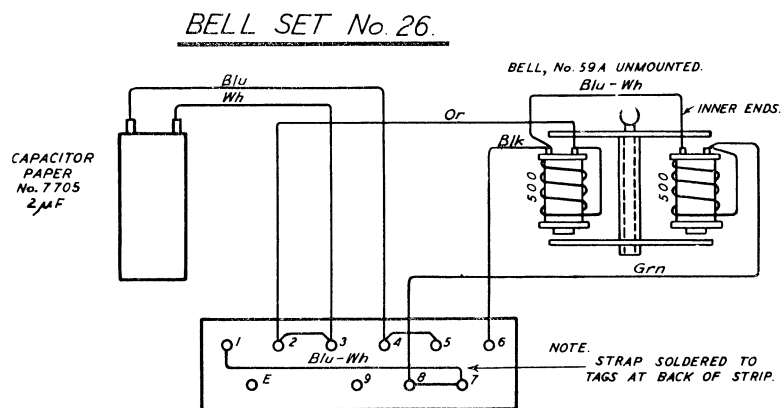
Bell Set No 8



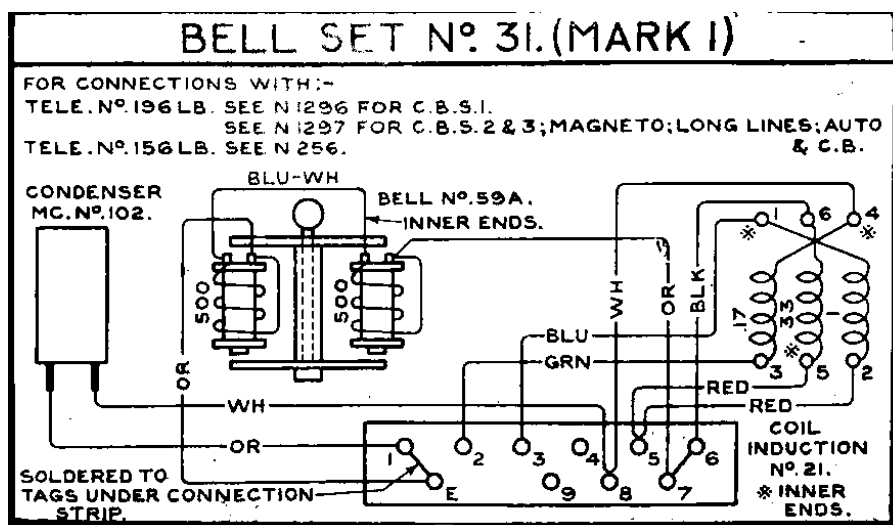
Bell Set No 25 (Mark 1)



Bell Set No 26

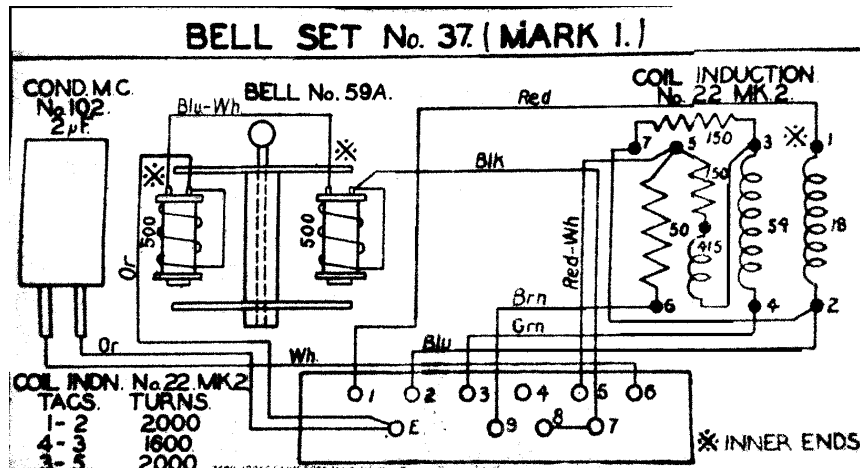


Bell Set No 31

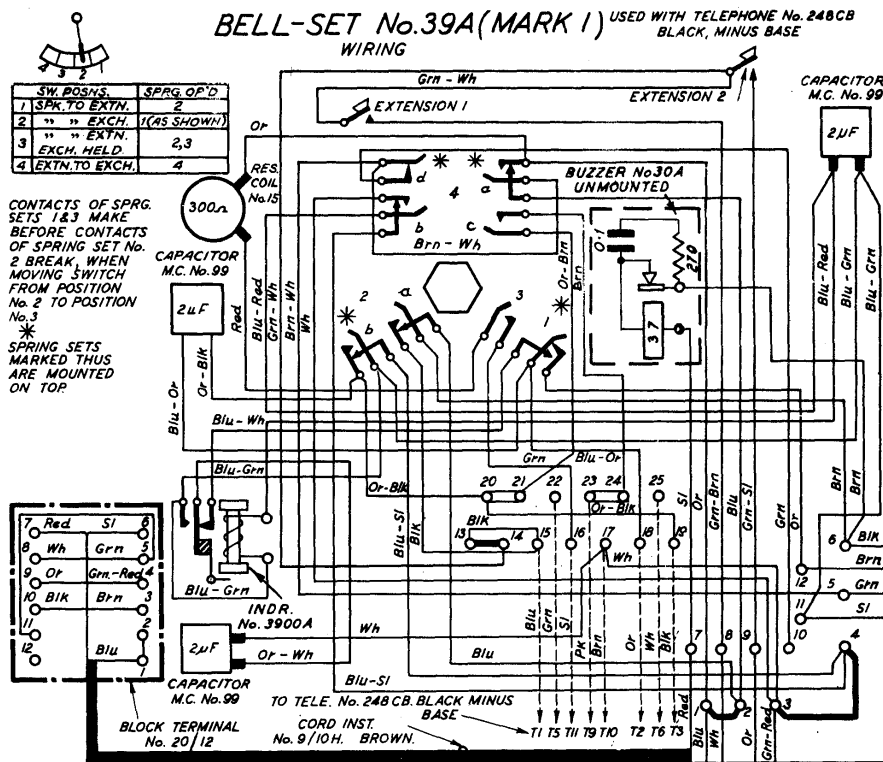


Courtesy of Roger Lawrence

Bell-Set No 37 (Mark 1)



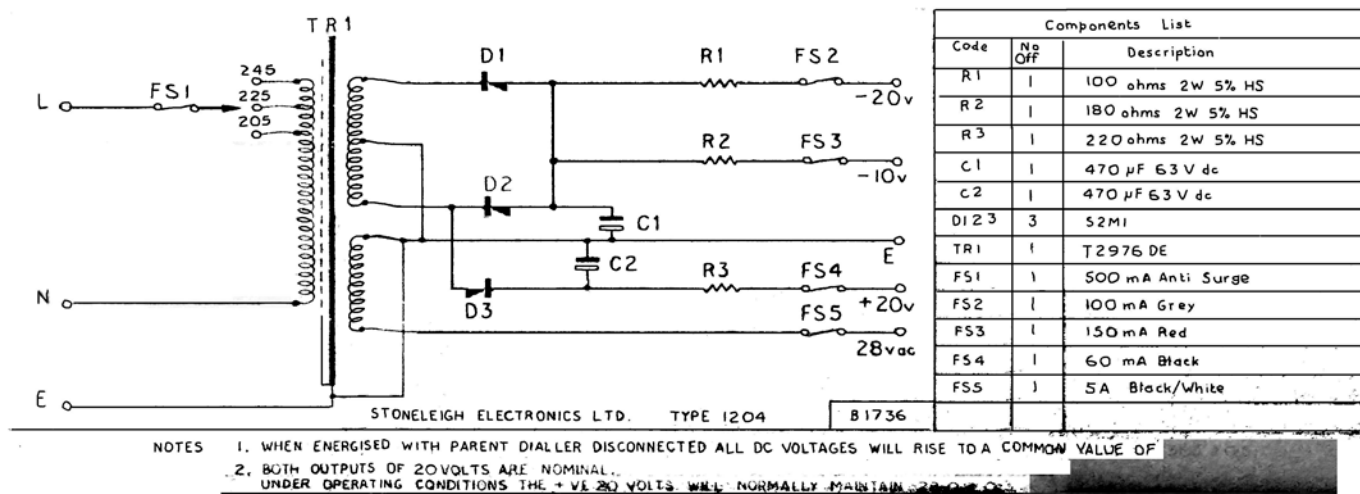
Bell-Set No 39A (Mark 1)



Ericsson Etelphone Secretarial Sets

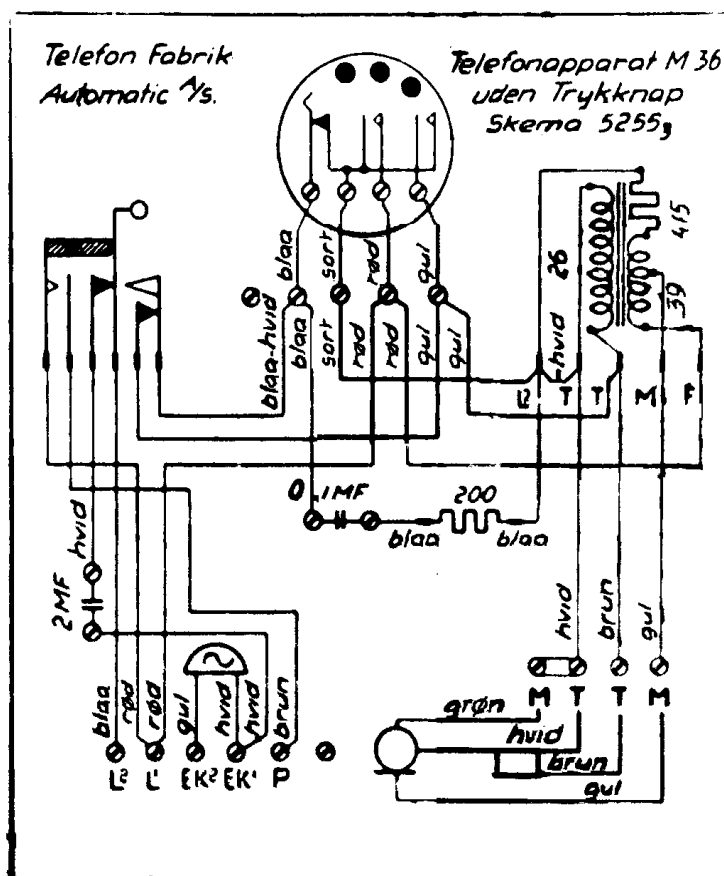
I have several diagrams for these systems in a separate file - etelphone_plansets.pdf.

Autodial No 201A Power Unit



From a photograph by Tony Duell so not to scale. Partly re-drawn, SMH. The bottom right corner was too dark to read, but bottom line probably says "the +ve 20 Volts will normally maintain 20.0 $\pm$ 0.3.

Danish Telephone M36



hvid = white, sort = black, blaa = blue, grøn = green, rød = red, brun = brown, gul = yellow
 (from a photograph, so not to scale).