

BATTERIES NOT FURNISHED WITH THE SET

TOOLS. AN ORDINARY SCREWDRIIVER IS THE ONLY TOOL THAT IS REQUIRED FOR ALL ADJUSTMENTS AND WIRE CONNECTIONS.

THIS SET IS SHIPPED CONNECTED FOR SERVICE ON METALLIC CIRCUITS WITH THE RED RINGER LEAD TO TERMINAL "LINE-2", THE BLACK RINGER LEAD TO TERMINAL "LINE-1", AND WHEN THERE IS NO CONDENSER, THE YELLOW RECEIVER LEAD TO LOWER "COND" TERMINAL.

WHEN USED ON METALLIC LINE CIRCUITS, CONNECT ONE LINE WIRE TO TERMINAL "LINE-1" AND THE OTHER LINE WIRE TO TERMINAL "LINE-2".

WHEN USED ON SELECTIVE CENTRAL OFFICE SIGNALLING CIRCUITS, CONNECT GROUND WIRE TO TERMINAL "GND".

WHEN USED FOR DIVIDED RINGING, THAT IS RINGING FROM EITHER SIDE OF A METALLIC LINE TO GROUND, CONNECT THE RED RINGER LEAD IN ONE GROUP OF SETS TO TERMINAL "LINE-1" AND IN THE OTHER GROUP TO TERMINAL "LINE-2". IN ALL SETS CONNECT THE BLACK RINGER LEAD AND THE GROUND WIRE TO TERMINAL "GND". THE TIP SIDE OF THE CENTRAL OFFICE LINE TO TERMINAL "LINE-1" AND THE RING SIDE TO TERMINAL "LINE-2". THE PUSH BUTTON SHOULD NOT BE OPERATED IN THIS SYSTEM.

TO CONNECT THE CONDENSER IN SERIES WITH THE RECEIVER, IF NOT ALREADY SO EQUIPPED, CONNECT THE YELLOW RECEIVER LEAD AND ONE CONDENSER LEAD TO THE UPPER "COND" TERMINAL, AND CONNECT THE OTHER CONDENSER LEAD TO THE LOWER "COND" TERMINAL.

TO CONNECT THE CONDENSER IN SERIES WITH THE RINGER (WHEN THE SET IS USED IN CONNECTION WITH COMMON BATTERY LINES), CONNECT THE RED RINGER LEAD AND ONE CONDENSER LEAD TO THE UPPER "COND" TERMINAL, THE BLACK RINGER LEAD TO TERMINAL "LINE-1" AND THE YELLOW RECEIVER LEAD AND THE OTHER CONDENSER LEAD TO THE LOWER "COND" TERMINAL.

RINGER ADJUSTMENT. THE ARMATURE SHALL BE SO ADJUSTED THAT THE CLAPPER BALL HAS A MOVEMENT OF ABOUT 1/16 INCH. TO OBTAIN THIS, TURN THE SCREW "A" TO THE RIGHT TO SHORTEN THE STROKE, OR TO THE LEFT TO LENGTHEN THE STROKE.

THE GONGS SHOULD BE SO SET THAT THE CLAPPER BALL STRIKES BUT DOES NOT REST AGAINST THEM WHEN THROWN TO EITHER SIDE. TO CHANGE THE POSITION OF THE GONGS, LOOSEN THE CLAMPING SCREWS "B", TURN THE ECCENTRIC ADJUSTING SCREWS "C" UNTIL THE CORRECT POSITION IS OBTAINED AND THEN TIGHTEN THE CLAMPING SCREWS "B".

IN MOUNTING THE TRANSMITTER, CONNECT THE CORD "A" OF THE TRANSMITTER TO TERMINAL "C" INSIDE OF THE DOOR AND CONNECT THE CORD "B" TO TERMINAL "D" ON THE DOOR.

IN CONNECTING BATTERIES, CONNECT WIRE "E" TO POST "F" AND CONNECT POST "G" TO "H" AND "M" TO "N" AND CONNECT WIRE "P" TO POST "R". SEE THAT THE BINDING POSTS "G", "M", AND "R" DO NOT TOUCH EACH OTHER WHEN THE BATTERIES ARE IN PLACE.

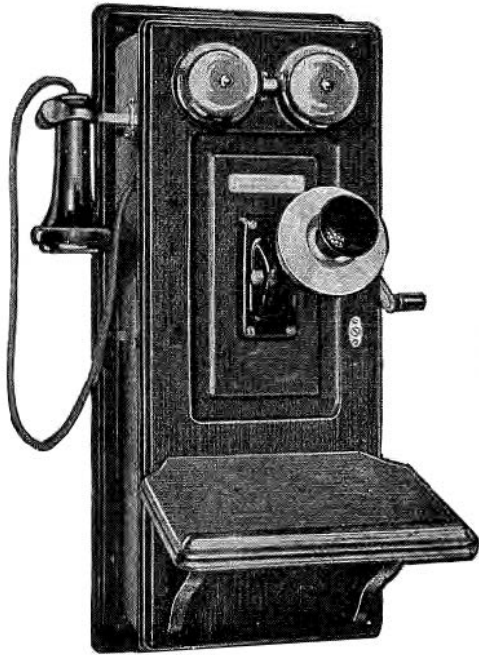
REPAIR PARTS SHOULD BE ORDERED BY SAMPLE IF POSSIBLE, OTHERWISE BY ACCURATE DESCRIPTION. ALWAYS MENTION, IF POSSIBLE, THE CODE NUMBER OF THIS SET (IT IS STAMPED ON THE INSIDE OF THE DOOR NEAR THE BOTTOM EDGE).

TELEPHONE APPARATUS AND SUPPLIES

MAGNETO SYSTEMS

In listing telephone apparatus and supplies we wish to call your attention to the fact that we have not in any sense listed our complete line, but only the more common types of telephones and appliances.

We manufacture a line of common battery equipments, complete in every particular, and other kinds of telephone apparatus intended to meet special conditions; for example: Apparatus for steam and electric railways, intercommunicating sets for dwellings, factories, and offices; also sets for use in mines, and submarine apparatus for use on vessels, etc. Therefore, if you do not find what you need in this catalogue, write our nearest house for further information.



No. 1317 Type Telephone Set

MAGNETO WALL SETS, TYPE 1317

These sets are the shelf magnetophone wall type, adapted for use on bridging lines. The cabinet is made of quarter-sawn oak, is particularly strong in construction and handsome in appearance. Equipped with ringer, generator, No. N250 transmitter, No. 144-W receiver with 3-foot cord and short self-contained switch hook.

PUSH BUTTON SIGNALLING SYSTEM

Moderate Load—Bridging

Trade No.	Mfrs. No.	Ohms Ringer	No. Bars Generator	Price Each
089205	N1317-A	1600	5	\$14.10

Furnished with No. N1-A key.
089206 N1317-F 1600 5 14.39
Same as No. N1317-A, but with No. N1-A condenser.

Heavy Load—Bridging

089207	N1317-E	2500	5	14.10
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Furnished with No. N1-A key.
089208 N1317-G 2500 5 14.39
Same as No. N1317-E, but with No. N1-A condenser.

CODE RINGING SERVICE

Light Load—Bridging

089209	1317-AH	1000	3	11.39
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Rural—Moderate Load—Bridging

089210	1317-N	1600	5	13.69
089211	N1317-R	1600	5	14.15

No. N1317-R is the same as No. 1317-N, but with No. N1-A condenser.

Rural—Heavy Load—Bridging

089212	1317-P	2500	5	13.69
089213	1317-S	2500	5	14.15

No. 1317-S is the same as No. 1317-P, but with No. N1-A condenser.

MAGNETO WALL SETS, TYPE N1300

Batteries in Separate Box

CODE RINGING SERVICE

Light Load—Bridging

Equipped with No. N229 transmitter, No. 144-W receiver with 3-foot cord, and short type hook switch.

089214	N1300-K	1000	3	11.30
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PUSH BUTTON SIGNALLING SYSTEM

Rural—Heavy Load—Bridging

Equipped with No. N229 transmitter, No. 144-W receiver with 3-foot cord, short type switch hook, No. N1-A condenser, and No. N1-A key.

089215	N1300-F	2500	5	15.10
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No. N1300-F