

Central Battery Telephones

CATALOG BULLETIN NO. 4

AUG. 1, 1912

GENERAL

SOME one of the types of central battery telephones listed herein will meet all usual requirements. For special requirements, such as mines, railways, etc., we have special telephones. If, therefore, your needs are not covered by the apparatus described in this bulletin, write us regarding the conditions to be met, and we will give you the desired information.

Western Electric telephones may be relied upon, and give perfect satisfaction. Our valuable and extensive experience in the telephone and manufacturing field, covering a continuous period of over thirty-five years, enables us to offer a complete line which have proved their efficiency and reliability under the most severe conditions.

To-day over 7,000,000 Western Electric telephones are in daily use throughout the world, handling efficiently both local and long distance service. Through successful design, careful construction, and the use of only the best materials, they have ever been recognized as the *high quality telephones*.

Our enormous output enables us to purchase raw materials in large quantities at a low cost. This, together with unequaled manufacturing facilities, makes it possible for us to offer our standard telephones at reasonable prices.

Large and complete stocks are carried by our distributing houses, which are located in twenty-eight principal cities of the United States. This insures prompt filling of orders, together with a saving in transportation, as our prices are f.o.b. the distributing house.

Design and Construction

Cabinets.—The cabinets of all wooden wall telephones are constructed of carefully selected oak or walnut, and are given a durable, attractive finish. Nickel-plated trimmings are used throughout.

A special feature of these telephones is the location of the main binding posts inside the cabinet. This prevents trouble from tampering with the connections.

The backboards of the wall telephones are slotted to permit of the line wires entering either from above or below. All the interior wiring is in cable form, and is made up of differently colored wires to facilitate the tracing of connections.

A **wiring diagram** which clearly indicates the color of the wires and the correct terminal connections is furnished with each telephone.

All the binding posts have screw connections, and all permanent connections are soldered.

Design and Construction (Continued)

Desk Stands.—The desk stands used in connection with our desk telephones have been carefully designed and constructed of the best materials obtainable. They are the result of years of experience, and in their present improved form possess high efficiency, extreme compactness, and attractive appearance. The working parts are held firmly within the upright tube or handle, and by taking out only one screw can be removed as a unit for the purpose of connecting or disconnecting the cords, or for inspection. All parts are of ample size, yet light in weight, and their proportions are such that the desk stand is not easily upset.

The finish of our desk stands is either heavy nickel plate or a special dull finish black japan.

Transmitters.—Western Electric transmitters are uniform in quality, and will retain their efficiency. They have high transmission efficiency over long as well as short lines. They are free from packing, and their battery consumption is low. They are designed to be insensible to extraneous noises which, if picked up, would distort transmission. They can be attached and removed without the aid of a soldering iron.

Receivers.—Western Electric receivers are efficient, compact, and even if subjected to severe usage, require no adjustment after leaving the factory. Provision is made so that dust is prevented from reaching the working parts, and local noises are kept out.

The permanent magnet of our regular bipolar receiver is constructed of the best quality of magnet steel, and is specially prepared to make its magnetic qualities efficient and lasting. The pole pieces are constructed of the best quality of perfectly annealed Norway iron. Particular care is given the annealing process in order that the strength of the magnets can be quickly modified in exact proportions to the fluctuations of the current. Even the most minute variations of the voice are accurately reproduced. The magnet coils are wound with a fine grade of magnet wire. The diaphragm is of ferrotype iron, subjected to enormous pressure to make it perfectly flat so that it will vibrate uniformly over its entire surface and reproduce the exact tones transmitted.

Switch Hook.—The switch hook is very compact and self contained—all its parts being mounted upon a single punched bracket. The lever is short, the circuit contacts are of platinum, and all current carrying parts are insulated from the frame. The springs are mounted vertically to prevent dust from settling upon the contacts.

Condensers.—The condensers furnished for use in connection with our telephones are so designed and constructed that they are sealed against the entrance of moisture, and their electrostatic capacity remains practically constant. Their unusually high insulation resistance of at least 500 megohms per microfarad at the time of manufacture is made possible in so small a condenser by employing only the best grade of paper and foil.

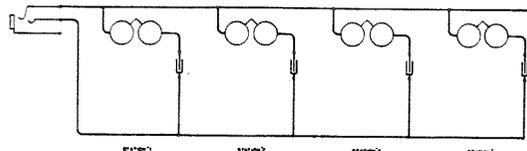
Ringers.—The bells or ringers have a specially loud, clear tone and operate on minimum current. The impedance of our ringers is extremely high, thus making it possible to connect large numbers of telephones on one circuit without interfering with signaling or transmission efficiency. They are so designed that it is almost impossible for them to get out of adjustment. Their construction and arrangement are such that adjustment, when necessary, can be made easily and quickly.

Each ringer, when assembled in the telephone, is equipped with flexible leads and tips for selective ringing connections, whereby the bells at some of the stations can be connected to one side of the line and the balance to the other side without the use of a soldering iron.

Signaling Systems

In the **Single-party system** only one subscriber is connected to a line, the bell at the telephone being bridged across the line in series with a condenser. The signal at the central office is operated by direct current supplied by batteries in the exchange when the subscriber removes his receiver from the hook.

In the **Multi-party code ringing system** several parties can be connected to one line, each bell being connected in series with a condenser and bridged across the line. The line at the central office is wired the same as for single-party line service. One party can not call another on the same line, except through the central office operator, who calls the desired party by a code system of ringing.



Multi-Party Code Ringing. Using Alternating Current

Signaling Systems (Continued)

In the **Two-party selective ringing system**, two parties can be connected to one line. In this case, each bell is wired in series with a condenser and connected from one side of the line to ground, one bell from each side of the line. The line at the central office is wired the same as for single-party line service, and the cord circuits are so arranged that alternating current can be sent out over either side of the line by means of a key for each cord circuit, or a master key for all of the cord circuits in a position,

In the **Harmonic selective ringing system** four telephone sets can be bridged across the circuit, or eight telephone sets bridged to ground, four from each side of the line, and all telephones rung selectively. Selective signaling is secured by properly tuning the ringers to operate on different frequencies. Four frequencies at a constant voltage are used: $16\frac{2}{3}$ cycles, $33\frac{1}{3}$ cycles, 50 cycles, $66\frac{2}{3}$ cycles.

The ringers are of exceptionally high efficiency and all are closely and accurately tuned, but with a sufficient margin to meet the variations of operating conditions.

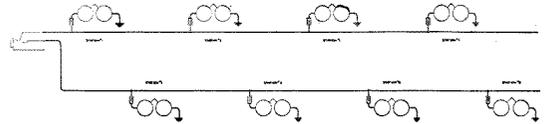
The gongs are accessible for adjustment, and their adjusting mechanism can be rigidly locked in place. A screw driver is the only tool necessary.

In the **Four-party selective ringing system** using superimposed current, four parties can be connected to one line and any one called without ringing the other bells. The line is equipped with four high impedance relays, two being connected in series with condensers between each side of the line and ground.

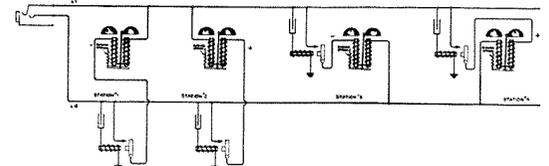
At each station a biased ringer is connected across the line through the normally open contact of the relay.

The cord circuit at the central office is so wired that the operator can ring over either side of the line with superimposed current of either polarity. When current is applied to one side of the line, the two relays connected to that side respond and connect the two corresponding ringers across the circuit.

As the operator rings only on one side of the line with superimposed current of only one polarity, one bell only will sound.



Eight-Party Selective Ringing. Using Harmonic Current



Four-Party Selective Ringing. Using Superimposed Current

CENTRAL BATTERY TELEPHONES

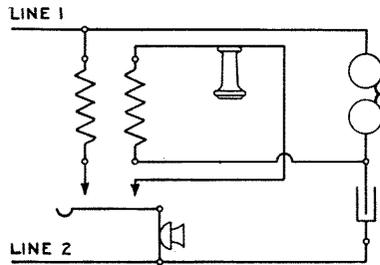


Fig. 1.
 Circuit of Induction Coil Type
 Central Battery Telephone Set

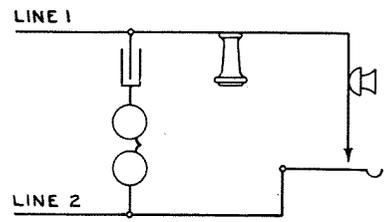


Fig. 2.
 Circuit of Series Type
 Central Battery Telephone Set

We supply two general types of central battery telephones. One type, known as "induction" coil sets, is equipped with an induction coil, and wired as shown in Fig. 1. The other type, known as "series," is not equipped with an induction coil, but instead, its transmitter and receiver are wired in series as shown in Fig. 2. The receiver used with the "series" type does not have a permanent magnet and is therefore referred to sometimes as a "direct current" or "magnetless" receiver.

For practically all ordinary service the series sets will be found entirely satisfactory. Where the highest grade of long-distance service is required, however, the induction coil set should be employed, as the booster effect due to the relation of the induction coil and condenser is of very material aid in increasing transmission.

CENTRAL BATTERY TELEPHONES

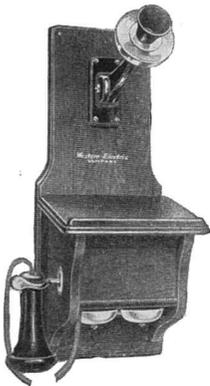
(Continued)

Wall Telephones—Induction Coil Type

**FOR SINGLE-PARTY, TWO-PARTY SELECTIVE, OR
FOUR-PARTY SEMI-SELECTIVE SIGNALING**



No. 1293-A



No. 1294-A



No. 1333-A



No. 1333-E
Central Battery Telephones

Code No.	Description	List Price
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No. 1293-A. Short Wall Type

- | | | |
|--------|--|--------|
| 1293-A | Compact wooden wall telephone. Includes 1 No. 8-AG 1000-ohm biased ringer, 1 No. 21-D condenser, 1 No. 143-A switch hook, 1 No. 20 induction coil, 1 No. 3-A transmitter bracket, 1 No. 229-W transmitter, 1 No. 143-W receiver, 1 receiver cord, 1 No. 179 5½" cord | \$9.70 |
| | Same, equipped with No. 122-W or 144-W receiver | 10.05 |
| | Corresponding Desk Telephones, Nos. 6000-A, 6000-AF, 6032-Y or 6032-W, page 5. | |

No. 1294-A. With Writing Shelf

- | | | |
|--------|--|-------|
| 1294-A | Wooden wall telephone with writing shelf. Includes 1 No. 7-AG 1000-ohm biased ringer, 1 No. 21-D condenser, 1 No. 143-A switch hook, 1 No. 20 induction coil, 1 No. 250-W transmitter, 1 No. 143-W receiver, 1 receiver cord | 10.25 |
| | Same, equipped with No. 122-W or 144-W receiver | 10.60 |
| | Corresponding Desk Telephones, Nos. 6000-A, 6000-AF, 6032-Y or 6032-W, page 5. | |

No. 1333-A. Metal Type

- | | | |
|--------|--|-------|
| 1333-A | Compact metal wall telephone with adjustable transmitter. Includes 1 No. 6-AG 1000-ohm biased ringer, 1 No. 21-D condenser, 1 No. 140-S switch hook, 1 No. 20 induction coil, 1 No. 6-A transmitter bracket, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 receiver cord, 2 No. 329 5½" cords | 9.70 |
| | Same, equipped with No. 122-W or 144-W receiver | 10.05 |
| | Corresponding Desk Telephones, Nos. 6000-A, 6000-AF, 6032-Y or 6032-W, page 5. | |

No. 1333-E. Metal Type

- | | | |
|--------|---|------|
| 1333-E | Compact metal wall telephone with fixed transmitter. Includes 1 No. 6-AG 1000-ohm biased ringer, 1 No. 21-D condenser, 1 No. 140-S switch hook, 1 No. 20 induction coil, 1 No. 297-W transmitter, 1 No. 143-W receiver, 1 receiver cord | 9.10 |
| | Same, equipped with No. 122-W or 144-W receiver | 9.45 |
| | Corresponding Desk Telephones, Nos. 6000-A, 6000-AF, 6032-Y or 6032-W, page 5. | |

Wall Telephones—Induction Coil Type

SINGLE-PARTY, TWO-PARTY SELECTIVE, OR FOUR-PARTY SEMI-SELECTIVE SIGNALING (Continued)

Code No.	Description	List Price
No. 1357-A. Semi-flush, Metal Type		
1357-A	Semi-flush metal wall telephone for hotels and residences. Includes 1 No. 16-BG 2500-ohm biased ringer, 1 No. 21-D condenser, 1 No. 140-U switch hook, 1 No. 20 induction coil, 1 No. 6-A transmitter bracket, 1 No. 317-W transmitter, 1 No. 143-W receiver, 1 receiver cord, 2 No. 329 6' cords.	\$12.65
	Same, equipped with No. 122-W or 144-W receiver.	13.00
	Corresponding Desk Telephones, Nos. 6035-C or 6035-D.	
No. 6002-A. With Separate Bell Box		
6002-A	Wall switch box and separate bell box. Includes 1 No. 1130-A wall telephone containing 1 No. 229-W transmitter, 1 No. 143-W receiver, 1 No. 390 5½" cord, 1 No. 389 3' cord, 1 No. 180 6' cord, and 1 No. 131-J desk set box containing 1 No. 17-A 1000-ohm biased ringer, 1 No. 21-L condenser, 1 No. 20 induction coil.	10.40
	Same, equipped with No. 122-W or 144-W receiver.	10.75
	Corresponding Desk Telephones, Nos. 6000-A, 6000-AF, 6032-Y or 6032-W.	



No. 1357-A

Desk Telephones—Induction Coil Type

FOR SINGLE-PARTY, TWO-PARTY SELECTIVE, OR FOUR-PARTY SEMI-SELECTIVE SIGNALING

Code No.	Description	List Price
No. 6000-A. With Nickel Stand and Wooden Box		
6000-A	Nickel-plated desk stand and wooden desk set box. Includes 1 No. 295-A desk set box, containing 1 No. 8-AG 1000-ohm biased ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, and 1 No. 1020-BC desk stand, comprising 1 No. 20-BC desk stand, 1 No. 229-W transmitter, 1 No. 143-W receiver, 1 No. 392 cord.	\$11.40
	Same, equipped with No. 122-W or 144-W receiver.	11.75
	Corresponding Wall Telephones, Nos. 1294-A, 1293-A, 1333-A, 1333-E or 6002-A.	
No. 6000-AF. With Black Finish Stand and Wooden Box		
6000-AF	Same as No. 6000-A, except that a No. 1020-SC black finish desk stand is furnished instead of a nickel finish stand No. 1020-BC.	11.40
	Same, equipped with No. 122-W or 144-W receiver.	11.75
	Corresponding Wall Telephones, Nos. 1294-A, 1293-A, 1333-A, 1333-E or 6002-A.	
No. 6032-Y. With Nickel Stand and Metal Box		
6032-Y	Nickel-plated desk stand and metal desk set box. Includes 1 No. 334-A desk set box containing 1 No. 8-AG 1000-ohm biased ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, and 1 No. 1020-BC desk stand, comprising 1 No. 20-BC desk stand, 1 No. 229-W transmitter, 1 No. 143-W receiver, 1 No. 392 cord.	11.40
	Same, equipped with No. 122-W or 144-W receiver.	11.75
	Corresponding Wall Telephones, Nos. 1294-A, 1293-A, 1333-A, 1333-E or 6002-A.	
No. 6032-W. With Black Finish Stand and Metal Box		
6032-W	Same as No. 6032-Y, except that a No. 1020-SC black finish desk stand is furnished instead of a nickel finish stand No. 1020-BC.	11.40
	Same, equipped with a No. 122-W or 144-W receiver.	11.75
	Corresponding Wall Telephones, Nos. 1294-A, 1293-A, 1333-A, 1333-E or No. 6002-A.	



No. 6002-A



No. 6000-A
5



No. 6032-Y
Central Battery Telephones

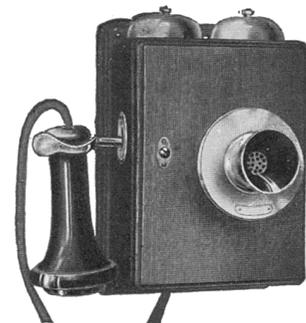
Desk Telephones—Induction Coil Type

FOR SINGLE-PARTY, TWO-PARTY SELECTIVE, OR FOUR-PARTY SEMI-SELECTIVE SIGNALING (Continued)

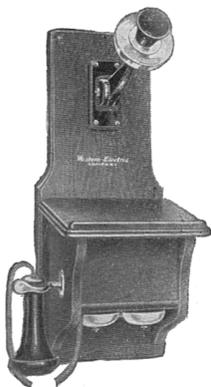
Code No.	Description	List Price
	No. 6035-C. With Nickel Stand and Semi-flush Box	
6035-C	Nickel-plated desk stand and semi-flush metal wall box. Includes 1 No. 358-A wall box containing 1 No. 16-BG 2500-ohm biased ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, and 1 No. 1020-BC desk stand comprising 1 No. 20-BC desk stand, 1 No. 229-W transmitter, 1 No. 143-W receiver, 1 No. 392 cord.	\$14.00
	Same, equipped with No. 122-W or 144-W receiver	14.35
	Corresponding Wall Telephone, No. 1357-A.	
	No. 6035-D. With Black Finish Stand and Semi-flush Box	
6035-D	Same as No. 6035-C, except that a No. 1020-SC black finish desk stand is furnished instead of a nickel finish stand No. 1020-BC.	14.00
	Same, equipped with No. 122-W or 144-W receiver	14.35
	Corresponding Wall Telephone, No. 1357-A.	



No. 6035-C



No. 1293-AP



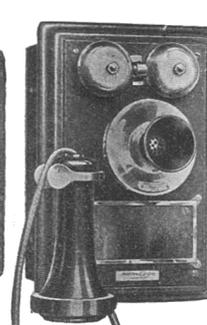
No. 1294-AB
 Battery Central Telephones



No. 1333-K



No. 1333-L



No. 1357-C

Wall Telephones—Series Type

FOR SINGLE-PARTY, TWO-PARTY SELECTIVE, OR FOUR-PARTY SEMI-SELECTIVE SIGNALING

Code No.	Description	List Price
	No. 1293-A. Short Wall Type	
1293-AP	Compact wooden wall telephone. Includes 1 No. 8-AG 1000-ohm biased ringer, 1 No. 21-F condenser, 1 No. 143-M switch hook, 1 No. 3-A transmitter bracket, 1 No. 293-W transmitter, 1 No. 171-W receiver, 1 receiver cord, 1 No. 329 6" cord.	\$8.70
	Corresponding Desk Telephones, Nos. 6000-R, 6000-AD, 6032-J or 6032-U.	
	No. 1294-A Type with Writing Shelf	
1294-AB	Wooden wall telephone with writing shelf. Includes 1 No. 7-AG 1000-ohm biased ringer, 1 No. 21-F condenser, 1 No. 143-M switch hook, 1 No. 298-W transmitter, 1 No. 171-W receiver, 1 receiver cord.	9.40
	Corresponding Desk Telephones, Nos. 6000-R, 6000-AD, 6032-J or 6032-U.	
	No. 1333-K. Metal Type	
1333-K	Compact metal wall telephone with adjustable transmitter. Includes 1 No. 6-AG 1000-ohm biased ringer, 1 No. 21-F condenser, 1 No. 140-T switch hook, 1 No. 6-A transmitter bracket, 1 No. 291-W transmitter, 1 No. 171-W receiver, 1 receiver cord, 2 No. 329 6" cords.	8.85
	Corresponding Desk Telephones, Nos. 6000-R, 6000-AD, 6032-J or 6032-U.	
	No. 1333-L. Metal Type	
1333-L	Compact metal wall telephone with fixed transmitter. Includes 1 No. 6-AG 1000-ohm biased ringer, 1 No. 21-F condenser, 1 No. 140-T switch hook, 1 No. 297-W transmitter, 1 No. 171-W receiver, 1 receiver cord.	8.25
	Corresponding Desk Telephones, Nos. 6000-R, 6000-AD, 6032-J or 6032-U.	
	No. 1357-C. Semi-flush, Metal Type	
1357-C	Semi-flush metal wall telephone for hotels and residences. Includes 1 No. 16-BG 2500-ohm biased ringer, 1 No. 21-F condenser, 1 No. 140-AD switch hook, 1 No. 7-A transmitter bracket, 1 No. 317-W transmitter, 1 No. 171-W receiver, 1 receiver cord, 2 No. 329 6" cords.	11.30
	Corresponding Desk Telephones, Nos. 6035-E or 6035-F.	

Wall Telephones—Series Type

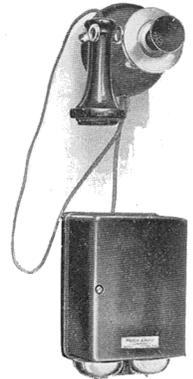
FOR SINGLE-PARTY, TWO-PARTY SELECTIVE, OR FOUR-PARTY SEMI-SELECTIVE SIGNALING (Continued)

Code No. Description List Price

No. 6002-B. With Separate Bell Box

6002-B Wall switch box and separate bell box. Includes 1 No. 1130-B wall set containing 1 No. 291-W transmitter, No. 3-C transmitter bracket, 1 No. 171-W receiver, 1 No. 406 6' cord, 1 No. 389 3' cord, 1 No. 329 and 1 No. 330 6" cord, and 1 No. 334-N desk set box including 1 No. 6-AG 1000-ohm biased ringer, 1 No. 21-F condenser.....\$10.70

Corresponding Desk Telephones, Nos. 6000-R, 6000-AD, 6032-J or 6032-U.



No. 6002-B

Desk Telephones—Series Type

FOR SINGLE-PARTY, TWO-PARTY SELECTIVE, OR FOUR-PARTY SEMI-SELECTIVE SIGNALING

Code No. Description List Price

No. 6000-R. With Nickel Stand and Wooden Box

6000-R Nickel-plated desk stand and wooden desk set box. Includes 1 No. 295-AT desk set box containing 1 No. 8-AG 1000-ohm biased ringer, 1 No. 21-F condenser, and 1 No. 1020-AK desk stand comprising 1 No. 20-AK desk stand, 1 No. 293-W transmitter, 1 No. 171-W receiver, 1 No. 451 cord.....\$10.80

Corresponding Wall Telephones, Nos. 1293-AP, 1294-AB, 1333-K, 1333-L, or 6002-B.

No. 6000-AD. With Black Finish Stand and Wooden Box

6000-AD Same as No. 6000-R, except that a No. 1020-AM black finish desk stand is furnished instead of a nickel finish stand No. 1020-AK..... 10.80

Corresponding Wall Telephones, Nos. 1293-AP, 1294-AB, 1333-K, 1333-L, or 6002-B.

No. 6032-J. With Nickel Stand and Metal Box

6032-J Nickel-plated desk stand and metal desk set box. Includes 1 No. 334-N desk set box containing 1 No. 6-AG 1000-ohm biased ringer, 1 No. 21-F condenser, and 1 No. 1020-AK desk stand comprising 1 No. 20-AK desk stand, 1 No. 293-W transmitter, 1 No. 171-W receiver, 1 No. 451 cord..... 9.85

Corresponding Wall Telephones, Nos. 1293-AP, 1294-AB, 1333-K, 1333-L, or 6002-B.

No. 6032-U. With Black Finish Stand and Metal Box

6032-U Same as a No. 6032-J, except that a No. 1020-AM black finish desk stand is furnished instead of a nickel finish stand No. 1020-AK..... 9.85

Corresponding Wall Telephones, Nos. 1293-AP, 1294-AB, 1333-K, 1333-L, or 6002-B.

No. 6035-E. With Nickel Stand and Semi-flush Box

6035-E Nickel-plated desk stand and semi-flush metal wall box. Includes 1 No. 358-C wall box containing 1 No. 16-BG 2500-ohm biased ringer, 1 No. 21-F condenser, and 1 No. 1020-AK desk stand comprising 1 No. 20-AK desk stand, 1 No. 293-W transmitter, 1 No. 171-W receiver, 1 No. 451 cord..... 12.55

Corresponding Wall Telephone, No. 1357-C.

No. 6035-F. With Black Finish Stand and Semi-flush Box

6035-F Same as the No. 6035-E, except that a No. 1020-AM black finish desk stand is furnished instead of a nickel finish stand No. 1020-AK..... 12.55

Corresponding Wall Telephone, No. 1357-C.



No. 6000-R



No. 6032-J



No. 6035-E
 Central Battery Telephones

Wall Telephones—Induction Coil Type
FOR HARMONIC SELECTIVE SIGNALING

Code No.	Description	List Price
No. 1293-AF. For Harmonic Service. 33 1-3 Cycles		
1293-AF	Compact wooden wall telephone to operate on 33 1/2 cycles. Includes 1 No. 41-SG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 143-A switch hook, 1 No. 20 induction coil, 1 No. 3-C transmitter bracket, 1 No. 271-W transmitter, 1 No. 143-W receiver, 1 receiver cord, 2 No. 329 6" cords	\$11.30
	Same, equipped with No. 122-W or 144-W receiver	11.65
	Corresponding Desk Telephones, Nos. 6000-G, 6000-S, 6032-A or 6032-K.	



No. 1293-AF-AG-AH-AJ

Code No.	Description	List Price
No. 1293-AG. For Harmonic Service. 50 Cycles		
1293-AG	Compact wooden wall telephone to operate on 50 cycles. Includes 1 No. 41-TG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 143-A switch hook, 1 No. 20 induction coil, 1 No. 3-C transmitter bracket, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 receiver cord, 2 No. 329 6" cords	\$11.30
	Same, equipped with No. 122-W or 144-W receiver	11.65
	Corresponding Desk Telephones, Nos. 6000-H, 6000-T, 6032-B or 6032-L.	

No. 1293-AH. For Harmonic Service. 66 2-3 Cycles		
1293-AH	Compact wooden wall telephone to operate on 66 2/3 cycles. Includes 1 No. 41-UG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 143-A switch hook, 1 No. 20 induction coil, 1 No. 3-C transmitter bracket, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 receiver cord, 2 No. 329 6" cords	11.30
	Same, equipped with No. 122-W or 144-W receiver	11.65
	Corresponding Desk Telephones, Nos. 6000-J, 6000-U, or 6032-C or 6032-M.	

Code No.	Description	List Price
No. 1293-AJ. For Harmonic Service. 16 2-3 Cycles		
1293-AJ	Compact wooden wall telephone to operate on 16 2/3 cycles. Includes 1 No. 41-RG 1800-ohm ringer, 1 No. 21-D condenser, 1 No. 143-A switch hook, 1 No. 20 induction coil, 1 No. 3-C transmitter bracket, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 receiver cord, 2 No. 329 6" cords	\$11.65
	Same, equipped with No. 122-W or 144-W receiver	12.00
	Corresponding Desk Telephones, Nos. 6000-K, 6000-W, 6032-D or 6032-N.	

No. 1294-P. For Harmonic Service. 33 1-3 Cycles		
1294-P	Wooden wall telephone with writing shelf to operate on 33 1/2 cycles. Includes 1 No. 41-SG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 143-A switch hook, 1 No. 20 induction coil, 1 No. 270-W transmitter, 1 No. 143-W receiver, 1 receiver cord	11.75
	Same, equipped with No. 122-W or 144-W receiver	12.10
	Corresponding Desk Telephones, Nos. 6000-G, 6000-S, 6032-A or 6032-K.	



No. 1294-P-R-S-T

Code No.	Description	List Price
No. 1294-R. For Harmonic Service. 50 Cycles		
1294-R	Wooden wall telephone with writing shelf, to operate on 50 cycles. Includes 1 No. 41-TG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 143-A switch hook, 1 No. 20 induction coil, 1 No. 270-W transmitter, 1 No. 143-W receiver, 1 receiver cord	\$11.75
	Same, equipped with No. 122-W or 144-W receiver	12.10
	Corresponding Desk Telephones, Nos. 6000-H, 6000-T, 6032-B or 6032-L.	

No. 1294-S. For Harmonic Service. 66 2-3 Cycles		
1294-S	Wooden wall telephone with writing shelf to operate on 66 2/3 cycles. Includes 1 No. 41-UG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 143-A switch hook, 1 No. 20 induction coil, 1 No. 270-W transmitter, 1 No. 143-W receiver, 1 receiver cord	11.75
	Same, equipped with No. 122-W or 144-W receiver	12.10
	Corresponding Desk Telephones, Nos. 6000-J, 6000-U, 6032-C or 6032-M.	

No. 1294-T. For Harmonic Service. 16 2-3 Cycles		
1294-T	Wooden wall telephone with writing shelf to operate on 16 2/3 cycles. Includes 1 No. 41-RG 1800-ohm ringer, 1 No. 21-D condenser, 1 No. 143-A switch hook, 1 No. 20 induction coil, 1 No. 270-W transmitter, 1 No. 143-W receiver, 1 receiver cord	12.10
	Same, equipped with No. 122-W or 144-W receiver	12.45
	Corresponding Desk Telephones, Nos. 6000-K, 6000-W, 6032-D or 6032-N.	

Wall Telephones—Induction Coil Type

FOR HARMONIC SELECTIVE SIGNALING (Continued)

Code No.	Description	List Price each
No. 1333-AF. For Harmonic Service. 33 1-3 Cycles		
1333-AF	Compact metal wall telephone with adjustable transmitter, to operate on 33 $\frac{1}{4}$ cycles. Includes 1 No. 41-SG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 140-S switch hook, 1 No. 20 induction coil, 1 No. 6-A transmitter bracket, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 receiver cord, 2 No. 329 6'' cords	\$11.30
	Same, equipped with No. 122-W or 144-W receiver	11.65
	Corresponding Desk Telephones, Nos. 6000-A, 6000-S, 6032-A or 6032-K.	
No. 1333-AG. For Harmonic Service. 50 Cycles		
1333-AG	Compact metal wall telephone with adjustable transmitter, to operate on 50 cycles. Includes 1 No. 41-TG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 140-S switch hook, 1 No. 20 induction coil, 1 No. 6-A transmitter bracket, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 receiver cord, 2 No. 329 6'' cords	11.30
	Same, equipped with No. 122-W or 144-W receiver	11.65
	Corresponding Desk Telephones, Nos. 6000-H, 6000-T, 6032-B or 6032-L.	
No. 1333-AH. For Harmonic Service. 66 2-3 Cycles		
1333-AH	Compact metal wall telephone with adjustable transmitter, to operate on 66 $\frac{2}{3}$ cycles. Includes 1 No. 41-UG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 140-S switch hook, 1 No. 20 induction coil, 1 No. 6-A transmitter bracket, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 receiver cord, 2 No. 329 6'' cords	11.30
	Same, equipped with No. 122-W or 144-W receiver	11.65
	Corresponding Desk Telephones, Nos. 6000-J, 6000-U, 6032-C or 6032-M.	
Code No.	Description	List Price each
No. 1333-AJ. For Harmonic Service. 16 2-3 Cycles		
1333-AJ	Compact metal wall telephone with adjustable transmitter, to operate on 16 $\frac{2}{3}$ cycles. Includes 1 No. 41-RG 1800-ohm ringer, 1 No. 21-D condenser, 1 No. 140-S switch hook, 1 No. 20 induction coil, 1 No. 6-A transmitter bracket, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 receiver cord, 2 No. 329 6'' cords	\$11.65
	Same, equipped with No. 122-W or 144-W receiver	12.00
	Corresponding Desk Telephones, Nos. 6000-K, 6000-W, 6032-D or 6032-N.	
No. 1333-AS. For Harmonic Service. 33 1-3 Cycles		
1333-AS	Compact metal wall telephone with fixed transmitter, to operate on 33 $\frac{1}{2}$ cycles. Includes 1 No. 41-SG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 140-S switch hook, 1 No. 20 induction coil, 1 No. 297-W transmitter, 1 No. 143-W receiver, 1 receiver cord	10.65
	Same, equipped with No. 122-W or 144-W receiver	11.00
	Corresponding Desk Telephones, Nos. 6000-G, 6000-S, 6032-A or 6032-K.	
No. 1333-AT. For Harmonic Service. 50 Cycles		
1333-AT	Compact metal wall telephone with fixed transmitter, to operate on 50 cycles. Includes 1 No. 41-TG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 140-S switch hook, 1 No. 20 induction coil, 1 No. 297-W transmitter, 1 No. 143-W receiver, 1 receiver cord	10.65
	Same, equipped with No. 122-W or 144-W receiver	11.00
	Corresponding Desk Telephones, Nos. 6000-H, 6000-T, 6032-B or 6032-L.	
No. 1333-AU. For Harmonic Service. 66 2-3 Cycles		
1333-AU	Compact metal wall telephone with fixed transmitter, to operate on 66 $\frac{2}{3}$ cycles. Includes 1 No. 41-UG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 140-S switch hook, 1 No. 20 induction coil, 1 No. 297-W transmitter, 1 No. 143-W receiver, 1 receiver cord	10.65
	Same, equipped with No. 122-W or 144-W receiver	11.00
	Corresponding Desk Telephones, Nos. 6000-J, 6000-U, 6032-C or 6032-M.	
No. 1333-AW. For Harmonic Service. 16 2-3 Cycles		
1333-AW	Compact metal wall telephone with fixed transmitter, to operate on 16 $\frac{2}{3}$ cycles. Includes 1 No. 41-RG 1800-ohm ringer, 1 No. 21-D condenser, 1 No. 140-S switch hook, 1 No. 20 induction coil, 1 No. 297-W transmitter, 1 No. 143-W receiver, 1 receiver cord	11.05
	Same, equipped with No. 122-W or 144-W receiver	11.40
	Corresponding Desk Telephones, Nos. 6000-K, 6000-W, 6032-D or 6032-N.	



No. 1333-AF-AG-AH-AJ



No. 1333-AS-AT-AU-AW

Desk Telephones—Induction Coil Type

FOR HARMONIC SELECTIVE SIGNALING



No. 6000-G-H-J-K

Code No.	Description	List Price each
No. 6000-G. For Harmonic Service. 33 1-3 Cycles		
6000-G	Nickel-plated desk stand and wooden desk set box to operate on 33 $\frac{1}{2}$ cycles. Includes 1 No. 295-AM desk set box containing 1 No. 41-SG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, and 1 No. 1020-PC desk stand comprising 1 No. 20-PC desk stand, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 No. 450 cord.....	\$13.30
	Same, equipped with No. 122-W or 144-W receiver...	13.65
	Corresponding Wall Telephones, Nos. 1293-AF, 1294-P, 1333-AF or 1333-AS.	
No. 6000-H. For Harmonic Service. 50 Cycles		
6000-H	Nickel-plated desk stand and wooden desk set box to operate on 50 cycles. Includes 1 No. 295-AN desk set box containing 1 No. 41-TG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, and 1 No. 1020-PC desk stand comprising 1 No. 20-PC desk stand, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 No. 450 cord.....	13.30
	Same, equipped with No. 122-W or 144-W receiver...	13.65
	Corresponding Wall Telephones, Nos. 1293-AG, 1294-R, 1333-AG or 1333-AT.	

Code No.	Description	List Price each
No. 6000-J. For Harmonic Service. 66 2-3 Cycles		
6000-J	Nickel-plated desk stand and wooden desk set box to operate on 66 $\frac{2}{3}$ cycles. Includes 1 No. 295-AP desk set box containing 1 No. 41-UG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, 1 No. 1020-PC desk stand comprising 1 No. 20-PC desk stand, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 No. 450 cord.....	\$13.30
	Same, equipped with No. 122-W or 144-W receiver.....	13.65
	Corresponding Wall Telephones, Nos. 1293-AH, 1294-S, 1333-AH or 1333-AU.	
No. 6000-K. For Harmonic Service. 16 2-3 Cycles		
6000-K	Nickel-plated desk stand and wooden desk set box to operate on 16 $\frac{2}{3}$ cycles. Includes 1 No. 295-AR desk set box containing 1 No. 41-RG 1800-ohm ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, and 1 No. 1020-PC desk stand comprising 1 No. 20-PC desk stand, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 No. 450 cord.....	13.65
	Same, equipped with No. 122-W or 143-W receiver.....	14.00
	Corresponding Wall Telephones, Nos. 1293-AJ, 1294-T, 1333-AJ or 1333-AW.	



No. 6000-S-T-U or W

Code No.	Description	List Price each
No. 6000-S. For Harmonic Service. 33 1-3 Cycles		
6000-S	Same as the No. 6000-G, except that a No. 1020-AL black finish desk stand is furnished instead of a nickel finish stand No. 1020-PC.....	\$13.30
	Same, equipped with No. 122-W or 144-W receiver...	13.65
No. 6000-T. For Harmonic Service. 50 Cycles		
6000-T	Same as the No. 6000-H, except that a No. 1020-AL black finish desk stand is furnished instead of a nickel finish stand No. 1020-PC.....	13.30
	Same, equipped with No. 122-W or 144-W receiver...	13.65
No. 6000-U. For Harmonic Service. 66 2-3 Cycles		
6000-U	Same as the No. 6000-J, except that a No. 1020-AL black finish desk stand is furnished instead of a nickel finish stand No. 1020-PC.....	13.30
	Same, equipped with No. 122-W or 144-W receiver...	13.65
No. 6000-W. For Harmonic Service. 16 2-3 Cycles		
6000-W	Same as the No. 6000-K, except that a No. 1020-AL black finish desk stand is furnished instead of a nickel finish stand No. 1020-PC.....	13.65
	Same, equipped with No. 122-W or 144-W receiver...	14.00

Induction Coil Desk Telephones

FOR HARMONIC SELECTIVE SIGNALING (Continued)

Code No.	Description	List Price each
No. 6032-A. For Harmonic Service. 33 1-3 Cycles		
6032-A	Nickel-plated desk stand and metal desk set box to operate on 33½ cycles. Includes 1 No. 334-E desk set box containing 1 No. 41-SG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, and 1 No. 1020-PC desk stand comprising 1 No. 20-PC desk stand, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 No. 450 cord.....	\$13.30
	Same, equipped with No. 122-W or 144-W receiver.....	13.65
	Corresponding Wall Telephones, Nos. 1293-AF, 1294-P, 1333-AF or 1333-AS.	



No. 6032-A-B-C-D

No. 6032-B. For Harmonic Service. 50 Cycles		
6032-B	Nickel-plated desk stand and metal desk set box to operate on 50 cycles. Includes 1 No. 334-F desk set box, containing 1 No. 41-TG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, and 1 No. 1020-PC desk stand comprising 1 No. 20-PC desk stand, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 No. 450 cord.....	13.30
	Same, equipped with No. 122-W or 144-W receiver.....	13.65
	Corresponding Wall Telephones, Nos. 1293-AG, 1294-R, 1333-AG or 1333-AT.	

Code No.	Description	List Price each
No. 6032-C. For Harmonic Service. 66 2-3 Cycles		
6032-C	Nickel-plated desk stand and metal desk set box to operate on 66½ cycles. Includes 1 No. 334-G desk set box containing 1 No. 41-UG 460-ohm ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, and 1 No. 1020-PC desk stand comprising 1 No. 20-PC desk stand, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 No. 450 cord.....	\$13.30
	Same, equipped with No. 122-W or 144-W receiver.....	13.65
	Corresponding Wall Telephones, Nos. 1293-AH, 1294-S, 1333-AH or 1333-AU.	

No. 6032-D. For Harmonic Service. 16 2-3 Cycles		
6032-D	Nickel-plated desk stand and metal desk set box to operate on 16½ cycles. Includes 1 No. 334-H desk set box, containing 1 No. 41-RG 1800-ohm ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, and 1 No. 1020-PC desk stand comprising 1 No. 20-PC desk stand, 1 No. 291-W transmitter, 1 No. 143-W receiver, 1 No. 450 cord.....	13.65
	Same, equipped with No. 122-W or 144-W receiver.....	14.00
	Corresponding Wall Telephones, Nos. 1293-AJ, 1294-T, 1333-AJ or 1333-AW.	

Code No.	Description	List Price each
No. 6032-K. For Harmonic Service. 33 1-3 Cycles		
6032-K	Same as the No. 6032-A, except that a No. 1020-AL black finish desk stand is furnished instead of a nickel finish stand No. 1020-PC.....	\$13.30
	Same, equipped with No. 122-W or 144-W receiver.....	13.65

No. 6032-L. For Harmonic Service. 50 Cycles		
6032-L	Same as the No. 6032-B, except that a No. 1020-AL black finish desk stand is furnished instead of a nickel finish stand No. 1020-PC.....	\$13.30
	Same, equipped with No. 122-W or 144-W receiver.....	13.65

No. 6032-M. For Harmonic Service. 66 2-3 Cycles		
6032-M	Same as the No. 6032-C, except that a No. 1020-AL black finish desk stand is furnished instead of a nickel finish stand No. 1020-PC.....	13.30
	Same, equipped with No. 122-W or 144-W receiver.....	13.65

No. 6032-N. For Harmonic Service. 16 2-3 Cycles		
6032-N	Same as the No. 6032-D, except that a No. 1020-AL black finish desk stand is furnished instead of a nickel finish stand No. 1020-PC.....	13.65
	Same, equipped with No. 122-W or 144-W receiver.....	14.00



No. 6032-K-L-M-N
 Central Battery Telephones



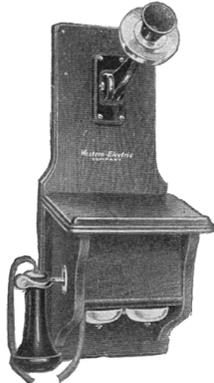
No. 1293-AS-AT-AU- or AW

Wall Telephones—Series Type
FOR HARMONIC SELECTIVE SIGNALING

Code No.	Description	List Price each
No. 1293-AS. For Harmonic Service. 33 1-3 Cycles		
1293-AS	Compact wooden wall telephone to operate on 33½ cycles. Includes 1 No. 41-SG 460-ohm ringer, 1 No. 21-F condenser, 1 No. 143-M switch hook, 1 No. 3-C transmitter bracket, 1 No. 291-W transmitter, 1 No. 171-W receiver, 1 receiver cord, 2 No. 329 6" cords.	\$9.90
Corresponding Desk Telephones, Nos. 6000-L, 6000-Y, 6032-E or 6032-P.		
No. 1293-AT. For Harmonic Service. 50 Cycles		
1293-AT	Compact wooden wall telephone to operate on 50 cycles. Includes 1 No. 41-TG 460-ohm ringer, 1 No. 21-F condenser, 1 No. 143-M switch hook, 1 No. 3-C transmitter bracket, 1 No. 291-W transmitter, 1 No. 171-W receiver, 1 receiver cord, 2 No. 329 6" cords.	9.90
Corresponding Desk Telephones, Nos. 6000-M, 6000-AA, 6032-F or 6032-R.		

Code No.	Description	List Price each
No. 1293-AU. For Harmonic Service. 66 2-3 Cycles		
1293-AU	Compact wooden wall telephone to operate on 66½ cycles. Includes 1 No. 41-UG 460-ohm ringer, 1 No. 21-F condenser, 1 No. 143-M switch hook, 1 No. 3-C transmitter bracket, 1 No. 291-W transmitter, 1 No. 171-W receiver, 1 No. 419 2½' cord, 2 No. 329 6" cords.	\$9.90
Corresponding Desk Telephones, Nos. 6000-N, 6000-AB, 6032-G or 6032-S.		

No. 1293-AW. For Harmonic Service. 16 2-3 Cycles		
1293-AW	Compact wooden wall telephone to operate on 16½ cycles. Includes 1 No. 41-RG 1800-ohm ringer, 1 No. 21-F condenser, 1 No. 143-M switch hook, 1 No. 3-C transmitter bracket, 1 No. 291-W transmitter, 1 No. 171-W receiver, 1 receiver cord, 2 No. 329 6" cords.	10.30
Corresponding Desk Telephones, Nos. 6000-P, 6000-AC, 6032-H or 6032-T.		



No. 1294-U-W-Y- or AA

Code No.	Description	List Price each
No. 1294-U. For Harmonic Service. 33 1-3 Cycles		
1294-U	Wooden wall telephone with writing shelf to operate on 33½ cycles. Includes 1 No. 41-SG 460-ohm ringer, 1 No. 21-F condenser, 1 No. 143-M switch hook, 1 No. 301-W transmitter, 1 No. 171-W receiver, 1 receiver cord.	\$10.35
Corresponding Desk Telephones, Nos. 6000-L, 6000-Y, 6032-E or 6032-P.		
No. 1294-W. For Harmonic Service. 50 Cycles		
1294-W	Wooden wall telephone with writing shelf to operate on 50 cycles. Includes 1 No. 41-TG 460-ohm ringer, 1 No. 21-F condenser, 1 No. 143-M switch hook, 1 No. 301-W transmitter, 1 No. 171-W receiver, 1 receiver cord.	10.35
Corresponding Desk Telephones, Nos. 6000-M, 6000-AA, 6032-F or 6032-R.		
No. 1294-Y. For Harmonic Service. 66 2-3 Cycles		
1294-Y	Wooden wall telephone with writing shelf to operate on 66½ cycles. Includes 1 No. 41-UG 460-ohm ringer, 1 No. 21-F condenser, 1 No. 143-M switch hook, 1 No. 301-W transmitter, 1 No. 171-W receiver, 1 No. 419 2½' cord.	10.35
Corresponding Desk Telephones, Nos. 6000-N, 6000-AB, 6032-A or 6032-S.		

Code No.	Description	List Price each
No. 1294-AA. For Harmonic Service. 16 2-3 Cycles		
1294-AA	Wooden wall telephone with writing shelf to operate on 16½ cycles. Includes 1 No. 41-RG 1800-ohm ringer, 1 No. 21-F condenser, 1 No. 143-M switch hook, 1 No. 301-W transmitter, 1 No. 171-W receiver, 1 receiver cord.	\$10.75
Corresponding Desk Telephones, Nos. 6000-P, 6000-AC, 6032-H or 6032-T.		



No. 1333
F-G-H-or J

Code No.	Description	List Price each
No. 1333-F. For Harmonic Service. 33 1-3 Cycles		
1333-F	Compact metal wall telephone with adjustable transmitter to operate on 33½ cycles. Includes 1 No. 41-SG 460-ohm ringer, 1 No. 21-F condenser, 1 No. 140-T switch hook, 1 No. 6-A transmitter bracket, 1 No. 271-W transmitter, 1 No. 171-W receiver, 1 receiver cord, 2 No. 329 6" cords.	\$9.90
Corresponding Desk Telephones, Nos. 6000-L, 6000-Y, 6032-E or 6032-P.		
No. 1333-G. For Harmonic Service. 50 Cycles		
1333-G	Compact metal wall telephone with adjustable transmitter to operate on 50 cycles. Includes 1 No. 41-TG 460-ohm ringer, 1 No. 21-F condenser, 1 No. 140-T switch hook, 1 No. 6-A transmitter bracket, 1 No. 317-W transmitter, 1 No. 171-W receiver, 1 receiver cord, 2 No. 329 6" cords.	9.90
Corresponding Desk Telephones, Nos. 6000-M, 6000-AA, 6032-F or 6032-R.		

Wall Telephones—Series Type
FOR HARMONIC SELECTIVE SIGNALING (Continued)

Code No.	Description	List Price each
No. 1333-H. For Harmonic Service. 66 2-3 Cycles		
1333-H	Compact metal wall telephone with adjustable transmitter. To operate on 66 $\frac{2}{3}$ cycles. Includes 1 No. 41-UG 460-ohm ringer, 1 No. 21-F condenser, 1 No. 140-T switch hook, 1 No. 6-A transmitter bracket, 1 No. 317-W transmitter, 1 No. 171-W receiver, 1 receiver cord, 2 No. 329 6" cords.....	\$9.90
Corresponding Desk Telephones, Nos. 6000-N, 6000-AB, 6032-G or 6032-S.		
No. 1333-J. For Harmonic Service. 16 2-3 Cycles		
1333-J	Compact metal wall telephone with adjustable transmitter. To operate on 16 $\frac{2}{3}$ cycles. Includes 1 No. 41-RG 1800-ohm ringer, 1 No. 21-F condenser, 1 No. 140-T switch hook, 1 No. 6-A transmitter bracket, 1 No. 317-W transmitter, 1 No. 171-W receiver, 1 receiver cord, 2 No. 329 6" cords.....	10.30
Corresponding Desk Telephones, Nos. 6000-P, 6000-AC, 6032-H or 6032-T.		
No. 1333-M. For Harmonic Service. 33 1-3 Cycles		
1333-M	Compact metal wall telephone with fixed transmitter. To operate on 33 $\frac{1}{3}$ cycles. Includes 1 No. 41-SG 460-ohm ringer, 1 No. 21-F condenser, 1 No. 140-T switch hook, 1 No. 297-W transmitter, 1 No. 171-W receiver, 1 receiver cord.....	9.25
Corresponding Desk Telephones, Nos. 6000-L, 6000-Y, 6032-E or 6032-P.		
No. 1333-N. For Harmonic Service. 50 Cycles		
1333-N	Compact metal wall telephone with fixed transmitter. To operate on 50 cycles. Includes 1 No. 41-TG 460-ohm ringer, 1 No. 21-F condenser, 1 No. 140-T switch hook, 1 No. 297-W transmitter, 1 No. 171 receiver, 1 receiver cord.....	9.25
Corresponding Desk Telephones, Nos. 6000-M, 6000-AA, 6032-F or 6032-R.		
No. 1333-P. For Harmonic Service. 66 2-3 Cycles		
1333-P	Compact metal wall telephone with fixed transmitter. To operate on 66 $\frac{2}{3}$ cycles. Includes 1 No. 41-UG 460-ohm ringer, 1 No. 21-F condenser, 1 No. 140-T switch hook, 1 No. 297-W transmitter, 1 No. 171-W receiver, 1 receiver cord.....	9.25
Corresponding Desk Telephones, Nos. 6000-N, 6000-AB, 6032-G or 6032-S.		
No. 1333-R. For Harmonic Service. 16 2-3 Cycles		
1333-R	Compact metal wall telephone with fixed transmitter. To operate on 16 $\frac{2}{3}$ cycles. Includes 1 No. 41-RG 1800-ohm ringer, 1 No. 21-F condenser, 1 No. 140-T switch hook, 1 No. 297-W transmitter, 1 No. 171-W receiver, 1 receiver cord.....	9.60
Corresponding Desk Telephones, Nos. 6000-P, 6000-AC, 6032-H or 6032-T.		



No. 1333-M-N-P-R

Desk Telephones—Series Type
FOR HARMONIC SELECTIVE SIGNALING

Code No.	Description	List Price
No. 6000-L. For Harmonic Service. 33 1-3 Cycles		
6000-L	Nickel-plated desk stand and wooden desk set box. To operate on 33 $\frac{1}{3}$ cycles. Includes 1 No. 295-AW desk set box containing 1 No. 41-SG 460-ohm ringer, 1 No. 21-F condenser, and 1 No. 1020-AG desk stand, comprising 1 No. 20-AG desk stand, 1 No. 291-W transmitter, 1 No. 171-W receiver, 1 No. 418 cord.....	\$11.75
Corresponding Wall Telephones, Nos. 1293-AS, 1294-U, 1333-F or 1333-M.		
No. 6000-M. For Harmonic Service. 50 Cycles		
6000-M	Nickel-plated desk stand and wooden desk set box. To operate on 50 cycles. Includes 1 No. 295-AY desk set box containing 1 No. 41-TG 460-ohm ringer, 1 No. 21-F condenser, and 1 No. 1020-AG desk stand comprising 1 No. 20-AG desk stand, 1 No. 291-W transmitter, 1 No. 171-W receiver, 1 No. 418 cord.....	11.75
Corresponding Wall Telephones, Nos. 1293-AT, 1294-W, 1333-G or 1333-N.		
No. 6000-N. For Harmonic Service. 66 2-3 Cycles		
6000-N	Nickel-plated desk stand and wooden desk set box. To operate on 66 $\frac{2}{3}$ cycles. Includes 1 No. 295-BA desk set box containing 1 No. 41-UG 460-ohm ringer, 1 No. 21-F condenser, and 1 No. 1020-AG desk stand, comprising 1 No. 20-AG desk stand, 1 No. 291-W transmitter, 1 No. 171-W receiver, 1 No. 418 cord.....	11.75
Corresponding Wall Telephones, Nos. 1293-AU, 1294-Y, 1333-H or 1333-P.		



No. 6000-L-M-N-P

Desk Telephones—Series Type

FOR HARMONIC SELECTIVE SIGNALING (Continued)



No. 6000-Y-AA-AB-AC

Code No.	Description	List Price each
No. 6000-P. For Harmonic Service. 16 2-3 Cycles		
6000-P	Nickel-plated desk stand and wooden desk set box. To operate on 16 2/3 cycles. Includes 1 No. 295-BB desk set box containing 1 No. 41-RG 1800-ohm ringer, 1 No. 21-F condenser, and 1 No. 1020-AG desk stand, comprising 1 No. 20-AG desk stand, 1 No. 291-W transmitter, 1 No. 171-W receiver, 1 No. 418 cord.....	\$12.10
Corresponding Wall Telephones, Nos. 1293-AW, 1294-AA, 1333-J or 1333-R.		
No. 6000-Y. For Harmonic Service. 33 1-3 Cycles		
6000-Y	Same as the No. 6000-L, except that a No. 1020-AH black finish desk stand is furnished instead of a nickel finish stand No. 1020-AG.....	11.75
No. 6000-AA. For Harmonic Service. 50 Cycles		
6000-AA	Same as the No. 6000-M, except that a No. 1020-AH black finish desk stand is furnished instead of a nickel finish stand No. 1020-AG.....	11.75

Code No.	Description	List Price each
No. 6000-AB. For Harmonic Service. 66 2-3 Cycles		
6000-AB	Same as the No. 6000-N, except that a No. 1020-AH black finish desk stand is furnished instead of a nickel finish stand No. 1020-AG.....	\$11.75
No. 6000-AC. For Harmonic Service. 16 2-3 Cycles		
6000-AC	Same as the No. 6000-P, except that a No. 1020-AH black finish desk stand is furnished instead of a nickel finish stand No. 1020-AG.....	12.10
No. 6032-E. For Harmonic Service. 33 1-3 Cycles		
6032-E	Nickel-plated desk stand and metal desk set box. To operate on 33 1/3 cycles. Includes 1 No. 334-J desk set box containing 1 No. 41-SG 460-ohm ringer, 1 No. 21-F condenser, and 1 No. 1020-AG desk stand comprising 1 No. 20-AG desk stand, 1 No. 291-W transmitter, 1 No. 171-W receiver, 1 No. 418 cord.....	12.05
Corresponding Wall Telephones, Nos. 1293-AS, 1294-U, 1333-F or 1333-M.		
No. 6032-F. For Harmonic Service. 50 Cycles		
6032-F	Nickel-plated desk stand and metal desk set box. To operate on 50 cycles. Includes 1 No. 334-K desk set box containing 1 No. 41-TG 460-ohm ringer, 1 No. 21-F condenser, and 1 No. 1020-AG desk stand comprising 1 No. 20-AG desk stand, 1 No. 291-W transmitter, 1 No. 171-W receiver, 1 No. 418 cord.....	12.05
Corresponding Wall Telephones, Nos. 1293-AT, 1294-W, 1333-G or 1333-N.		



No. 6032-E-F-G-H

Code No.	Description	List Price each
No. 6032-G. For Harmonic Service. 66 2-3 Cycles		
6032-G	Nickel-plated desk stand and metal desk set box. To operate on 66 2/3 cycles. Includes 1 No. 334-L desk set box containing 1 No. 41-UG 460-ohm ringer, 1 No. 21-F condenser, and 1 No. 1020-AG desk stand comprising 1 No. 20-AG desk stand, 1 No. 291-W transmitter, 1 No. 171-W receiver, 1 No. 418 cord.....	\$12.50
Corresponding Wall Telephones, Nos. 1293-AU, 1294-Y, 1333-H or 1333-P.		
No. 6032-H. For Harmonic Service. 16 2-3 Cycles		
6032-H	Nickel-plated desk stand and metal desk set box. To operate on 16 2/3 cycles. Includes 1 No. 334-M desk box containing 1 No. 41-RG 1800-ohm ringer, 1 No. 21-F condenser, and 1 No. 1020-AG desk stand comprising 1 No. 20-AG desk stand, 1 No. 291-W transmitter, 1 No. 171-W receiver, 1 No. 418 cord.....	12.40
Corresponding Wall Telephones, Nos. 1293-AW, 1294-AA, 1333-J or 1333-R.		

Desk Telephones—Series Type

FOR HARMONIC SELECTIVE SIGNALING (Continued)

Code No.	Description	List Price each
No. 6032-P. For Harmonic Service. 33 1-3 Cycles		
6032-P	Same as the No. 6032-E, except that a No. 1020-AH black finish desk stand is furnished instead of a nickel finish stand No. 1020-AG.....	\$12.05
No. 6032-R. For Harmonic Service. 50 Cycles		
6032-R	Same as the No. 6032-F, except that a No. 1020-AH black finish desk stand is furnished instead of a nickel finish stand No. 1020-AG.....	12.05
No. 6032-S. For Harmonic Service. 66 2-3 Cycles		
6032-S	Same as the No. 6032-G, except that a No. 1020-AH black finish desk stand is furnished instead of a nickel finish stand No. 1020-AG.....	12.05
No. 6032-T. For Harmonic Service. 16 2-3 Cycles		
6032-T	Same as the No. 6032-H, except that a No. 1020-AH black finish desk stand is furnished instead of a nickel finish stand No. 1020-AG.....	12.40



No. 6032-P-R-S-T

Wall Telephones—Induction Coil Type

FOR FOUR-PARTY SELECTIVE SIGNALING USING SUPERIMPOSED CURRENT

Code No.	Description	List Price each
No. 1296-A. Short Wall Type		
1296-A	Compact wooden wall telephone. Includes 1 No. 8-BG biased ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, 1 No. 143-A switch hook, 1 No. 3-A transmitter bracket, 1 No. 85-B relay, 1 No. 229-W transmitter, 1 No. 143-W receiver, 1 receiver cord, 1 No. 179 5½" cord.....	\$13.90
	Same, equipped with No. 122-W or 144-W receiver.....	14.25
	Corresponding Desk Telephone, No. 6000-AG.	
No. 1294-J. With Writing Shelf		
1294-J	Wooden wall telephone with writing shelf. Includes 1 No. 7-BG biased ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, 1 No. 143-A switch hook, 1 No. 85-A relay, 1 No. 250-W transmitter, 1 No. 143-W receiver, 1 receiver cord.....	14.45
	Same, equipped with No. 122-W or 144-W receiver.....	14.80
	Corresponding Desk Telephone, No. 6000-AG.	

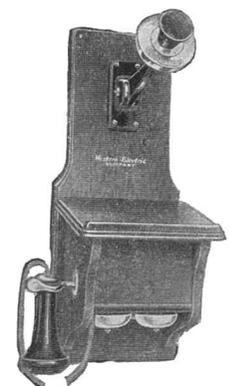


No. 1296-A

Desk Telephones—Induction Coil Type

[FOR FOUR-PARTY SELECTIVE SIGNALING USING SUPERIMPOSED CURRENT

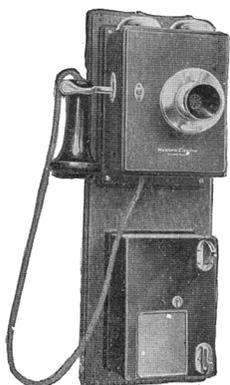
Code No.	Description	List Price each
No. 6000-AG. With Nickel Stand and Wooden Box		
6000-AG	Nickel-plated desk stand and wooden desk set box. Includes 1 No. 297-A desk set box containing 1 No. 8-BG biased ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, 1 No. 85-B relay, and 1 No. 1020-BC desk stand, comprising 1 No. 20-BC desk stand, 1 No. 229-W transmitter, 1 No. 143-W receiver, 1 No. 392 cord.....	\$15.70
	Same, equipped with No. 122-W or 144-W receiver.....	16.05
	Corresponding Wall Telephones, Nos. 1296-A or 1294-J.	



No. 1294-J

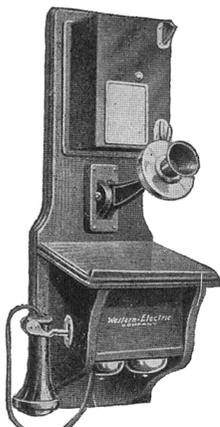
Wall Telephones—Induction Coil Type

FOR SINGLE-PARTY, TWO-PARTY SELECTIVE, OR FOUR-PARTY SEMI-SELECTIVE SIGNALING WITH No. 7 TYPE ELECTRICALLY OPERATED COIN COLLECTOR*



No. 1293-J

Code No.	Description	List Price each
No. 1293-J. With No. 7-A Coin Collector		
1293-J	Compact wooden wall telephone. Includes 1 No. 8-AG 1000-ohm biased ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, 1 No. 140-B switch hook, 1 No. 3-A transmitter bracket, 1 No. 229-W transmitter, 1 No. 143-W receiver, 1 receiver cord, 1 No. 179 5½" cord, 1 No. 133-A backboard, 1 No. 7-A coin collector.....	\$15.80
	Same, equipped with No. 122-W or 144-W receiver....	16.15
	Corresponding Desk Telephone, No. 6001-A.	



No. 1294-H

Code No.	Description	List Price each
No. 1294-H. With No. 7-A Coin Collector		
1294-H	Wooden wall telephone with writing shelf. Includes 1 No. 7-AG 1000-ohm biased ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, 1 No. 140-B switch hook, 1 No. 250-W transmitter, 1 No. 143-W receiver, 1 receiver cord, 1 No. 7-A coin collector.....	15.65
	Same, equipped with No. 122-W or 144-W receiver....	16.00
	Corresponding Desk Telephone, No. 6001-A.	

Desk Telephones—Induction Coil Type

FOR SINGLE-PARTY, TWO-PARTY SELECTIVE, OR FOUR-PARTY SEMI-SELECTIVE SIGNALING WITH No. 7 TYPE ELECTRICALLY OPERATED COIN COLLECTOR*



No. 6001-A

Code No.	Description	List Price each
No. 6001-A. With No. 7-A Coin Collector		
6001-A	Nickel-plated desk stand and wooden desk set box. Includes 1 No. 295-A desk set box containing 1 No. 8-AG 1000-ohm biased ringer, 1 No. 21-D condenser, 1 No. 20 induction coil, and 1 No. 1020-F desk stand comprising 1 No. 20-F desk stand, 1 No. 229-W transmitter, 1 No. 143-W receiver, 1 No. 232 cord, and 1 No. 7-A coin collector.....	\$17.10
	Same, equipped with No. 122-W or 144-W receiver....	17.45
	Corresponding Wall Telephones, Nos. 1293-J or 1294-H.	



* These electrically operated coin collectors operate in conjunction with cord circuits wired with "coin deposit" and "coin return" keys. Catalog Bulletin No. 12 lists the coin collectors, or "automatics" as they are sometimes called, that operate on an ordinary magneto or central battery line circuit.

Wall Telephones—Induction Coil Type

ARRANGED FOR CENTRAL BATTERY SIGNALING AND LOCAL BATTERY TALKING



No. 1293-Y

Code No.	Description	List Price each
No. 1293 Type		
1293-Y	Compact wooden wall telephone. Includes 1 No. 8-AG 1000-ohm biased ringer, 1 No. 21-D condenser, 1 No. 13 induction coil, 1 No. 143-A switch hook, 1 No. 3-A transmitter bracket, 1 No. 229-W transmitter, 1 No. 143-W receiver, 1 receiver cord, 1 No. 179 5½" cord.....	\$9.45
	Same, equipped with No. 122-W or 144-W receiver....	9.80

Central Battery Telephones

TELEPHONES FOR USE WITH No. 1801 SWITCHBOARDS

No. 1801 Type Switchboards Listed in Catalog Bulletin No. 17

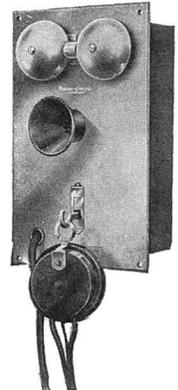
Systems "A" and "B"



No. 1327-H

SERIES WALL TELEPHONES

Code No.	Description	List Price each
1327-H	Compact non-flush wooden wall telephone with D. C. vibrating bell. Golden oak finish.....	\$6.70
1339-N	Compact flush metal wall telephone with D. C. vibrating bell. Brush brass finish.....	7.40



No. 1339-N

SERIES DESK TELEPHONES

Code No.	Description	List Price each
6034-AE	Nickel-plated desk stand complete with D. C. vibrating buzzer in the base.....	\$9.00
6034-AD	Nickel-plated desk stand with separate D. C. vibrating bell. No box for bell is furnished.....	9.00



No. 6034-AE

System "C"

INDUCTION COIL WALL TELEPHONES

Code No.	Description	List Price each
1293-AR	Compact wooden wall telephone with D. C. vibrating bell. Golden oak finish.....	\$9.00
1333-S	Compact metal wall telephone with D. C. vibrating bell. Black japan finish.....	9.00
1357-B	Compact semi-flush metal wall telephone with D. C. vibrating bell. Black japan finish.....	9.90



No. 1357-B or D

Central Battery Telephones

TELEPHONES FOR USE WITH No. 1801 SWITCHBOARDS

System "C" (Continued)

DESK TELEPHONES---INDUCTION COIL TYPE

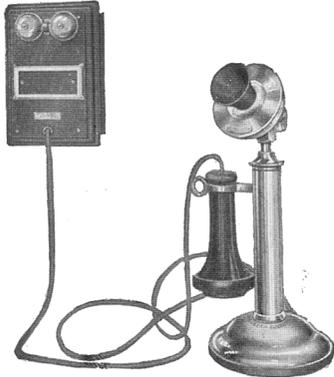
Code No.	Description	List Price each
6000-AE	Nickel-plated desk stand and wooden desk telephone box with D. C. vibrating bell.....	\$11.95
6035-B	Nickel-plated desk stand and flush metal wall box with D. C. vibrating bell.....	15.55

WALL TELEPHONES---SERIES TYPE

1333-AY	Compact metal wall box with D. C. vibrating bell. Black japan finish.....	15.55
1357-D	Compact semi-flush metal wall set with D. C. vibrating bell. Black japan finish.....	Price on request

DESK TELEPHONES---SERIES TYPE

6015-K	Nickel-plated desk stand and wooden desk set box with D. C. vibrating bell.....	11.40
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No. 6035-B



No. 6015-K or D



No. 1327-F

TELEPHONES FOR USE WITH HOTEL ANNUNCIATOR SWITCHBOARDS

WALL TELEPHONES

Code No.	Description	List Price each
1327-F	Compact wooden wall set with D. C. vibrating bell. Golden oak finish.....	\$5.25

DESK TELEPHONES

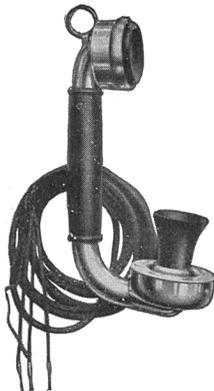
6015-D	Nickel-plated desk stand and wooden desk set box with D. C. vibrating bell.....	10.10
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DESK STAND, TELEPHONE ARM OR HAND SET COMBINATIONS

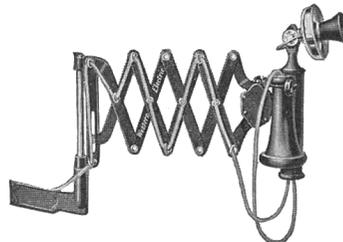
Any of our standard Telephone Arms, Desk Stands, or Hand Sets, and any Central Battery Desk Set Box listed in Catalog Bulletin No. 12 can be combined to meet any service requirement.



No. 1046-AC Telephone Arm
 Central Battery Telephones



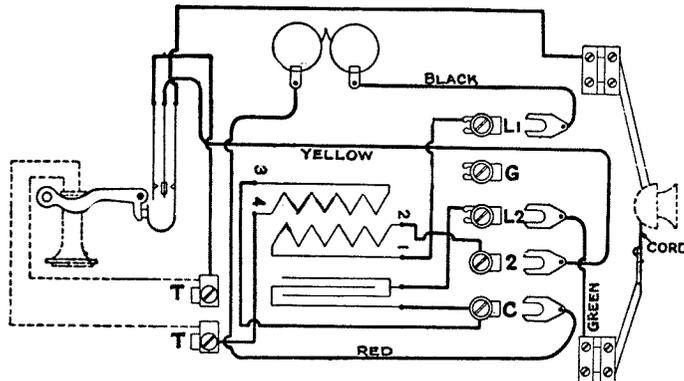
No. 1002-A Hand Set



No. 1048-AA Telephone Arm

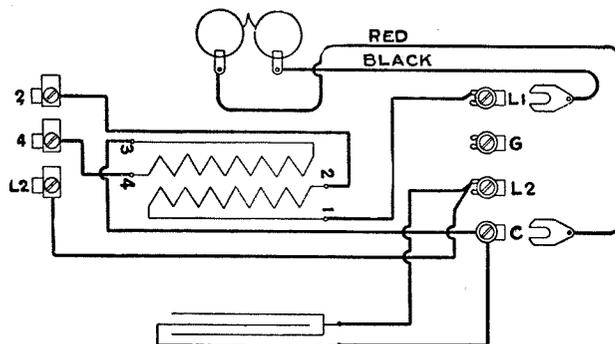
CENTRAL BATTERY TELEPHONES

Circuit Diagrams of Typical Central Battery Telephones

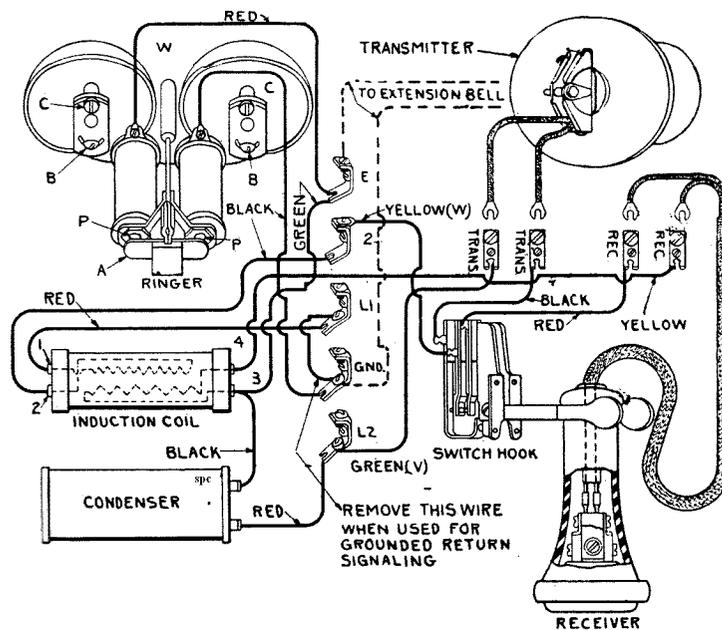


THIS SET LEAVES THE FACTORY WITH GREEN CONNECTED TO L2 AND YELLOW TO 2 FOR NON-SIDE TONE REDUCTION. FOR SIDE TONE REDUCTION CONNECT GREEN TO *2 AND YELLOW TO L2. THE SIDE TONE REDUCTION CIRCUIT SHOULD ONLY BE USED IN CASES WHERE THERE IS ANNOYANCE FROM NOISE OR SIDE TONE.

No. 1293-A. Induction Coil Type. Wall Telephone (Alternating Ringing)

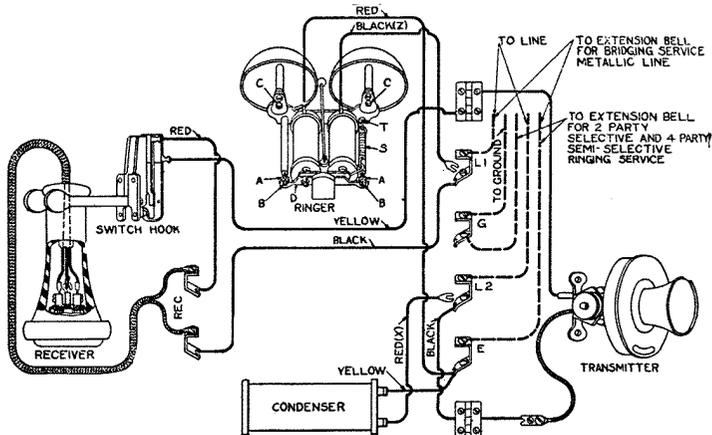


No. 6000-A. Induction Coil Type. Desk Telephone Box (Alternating Ringing)

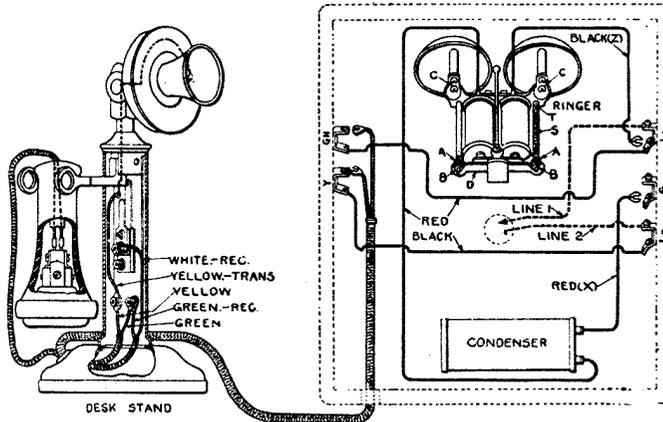


No. 1333 AF-AG-AH-AJ. Induction Coil Type. Metal Wall Telephone (Harmonic Ringing)
 19 Central Battery Telephones

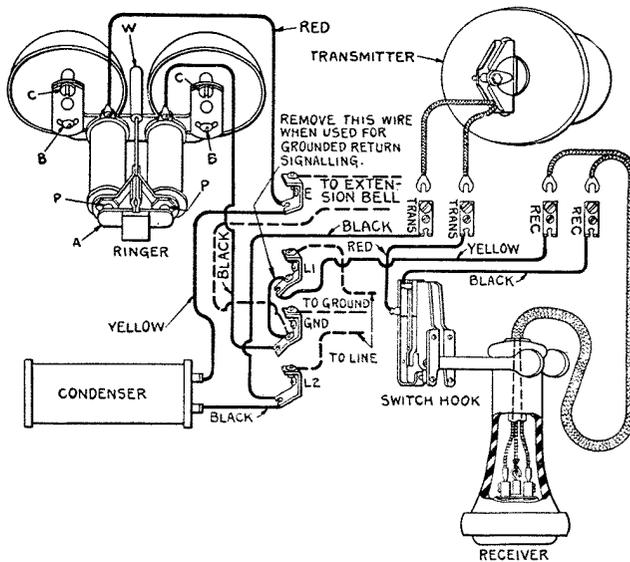
CENTRAL BATTERY TELEPHONES
 Circuit Diagrams (Continued)



No. 1293-AP. Series Type Wall Telephone (Alternating Ringing)



Nos. 6000-R or 6000-AD. Series Type Desk Telephone (Alternating Ringing)



Nos. 1333-F, 1333-G, 1333-H or 1333-J. Series Type Metal Wall Telephone (Harmonic Ringing)
 Central Battery Telephones