

BELL SYSTEM PRACTICES
Station Installation and Maintenance

SECTION C31.101
Issue 1, 2-15-33
Standard

SIDETONE SUBSCRIBER SETS

295, 333, 334, 533, 534, 553, 554 AND 584 TYPES

DESCRIPTION

1. GENERAL

1.01 This section gives general information relative to the 295, 333, 334, 533, 534, 553, 554 and 584 type sidetone subscriber sets, such as their equivalents, description, piece parts and combination of apparatus included in these codes.

1.02 For information on the use of sets listed herein see the section in Division C40 entitled "Station Sets by Class of Service."

2. DESCRIPTION

(A) Wall Type Sets

2.01 The 333, 533 and 553 type sets are sidetone wall sets having a metal case. The 333 type sets have exposed gongs, whereas the 533 and 553 type sets have enclosed gongs. The 333 and 533 type sets are used in areas having manual service and the 553 type sets in areas having dial service or where conversion to dial service is contemplated.

(B) Bell Boxes

2.02 The 334, 534, 554 and 584 type sets are bell boxes for use with sidetone hand telephone sets, desk stands, coin collectors, etc. The 334, 534, 554 type sets have metal frames and covers, whereas the 584 type sets have a metal frame and a moulded bakelite cover and are smaller than the other sets. The 334 type sets have exposed gongs and the other sets have enclosed gongs.

2.03 The 295BP sets are bell boxes for use with sidetone hand telephone sets and desk stands. These sets have wooden cases and exposed gongs and are for use where subscribers have impaired hearing.

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553, 554 AND 584 TYPES
DESCRIPTION

3. COLORED FINISHES

3.01 Subscriber sets of the types referred to herein have a black finish but the 584 type sets may also be obtained in the colors listed in the table below. To obtain these sets in color, the dash number (-3) for black finished sets should be changed as shown in the table. Covers for 584 type sets are interchangeable and where it is necessary to replace a cover or to convert from one color to another, colored covers may be ordered in accordance with the piece part numbers given in the following table:

<u>Color</u>	<u>Subscriber Set Suffix Number</u>	<u>Piece Part of Cover Assembly</u>
Black	-3	P-224818
Ivory	-4	P-224822
Gray	-5	P-224823
Old Brass	-6	P-224820
Statuary Bronze	-7	P-224821
Oxidized Silver	-8	P-224819
Medium Gold	-11	P-233176
Dark Gold	-12	P-233177

4. APPARATUS**(A) General**

4.01 The tables on the following pages list the principal parts of the various types of subscriber sets described in this section and show the sets that have equivalent circuit arrangements. Where equivalent parts of subscriber sets are available they may be used in place of the parts listed in the tables.

(B) Extension Ringer Terminal

4.02 To facilitate wiring an extension ringer in series with the ringer in the main station set the following "E" terminals are available for installation in sets where this terminal is not provided:

<u>Subscriber Set</u>	<u>Terminal Piece Part No.</u>
534, 553 and 554 Types	P-218870
584 Type	P-290055

PRINCIPAL SUBSCRIBER SETS AND PARTS

Subscriber Set Code		Ringer	Gongs (See Note 1)	Con- denser	Induc- tion Coil	Relay	Apparatus Blank (See Note 2)	Dial (See Note 2)	Switch- hook	Cords
Regular	Equivalent									
295BP	—	8A	38A	21F	46B	—	—	—	—	
534Y	—	68A	29C	149A	13	—	—	—	—	
534AR	554AR	72A	29C	21BW	46B	85N	—	—	—	
534BA	—	68J	29C	147D	46B	—	—	—	—	
534BF	534Y	68JA	29C	149B	13	—	—	—	—	
553A	*333B, *533A	68A	29C	21BW	46B	—	50B	4H	140S	T1A
553B	*333C, *533B	68A	29C	21BW	46B	—	50B	4H	140W	T1A
553C	—	68AA	29C	21BG	46B	—	50B	4H	140AG	T1A
553J	—	68A	29C	21BW	46B	—	50B	4H	140AG	T1A
553Y	*533Y	69A	29C	149A	13	—	50B	4H	140S	T1A
553AR	*533AR	72A	29C	21N	46B	85N	50B	4H	140S	T1A
553BA	—	68J	29C	147D	46B	—	50B	4H	140S	T1A
553BF†	—	68J	29C	149B	13	—	50B	4H	140S	T1A
554C	—	68AA	29C	21BG	46B	—	—	—	—	—
554J	—	68A	29C	21BW	46B	—	—	—	—	—
554AR	—	72A	29C	21N	46B	85N	—	—	—	—
584A-3	334A, 534A	78A	36A and 37A	149A	46C	—	—	—	—	—
584C	334R, 534C	—	—	149A	46C	—	—	—	—	—
584DE	534DE	78J	36A and 37A	1149B†	—	—	—	—	—	—
584DF	334P, 534D or DF	78A	36A and 37A	1149A†	—	—	—	—	—	—

† Furnished equipped with a 164A condenser when specified.

* Sets equivalent for use at manual stations only.

‡ Furnished only when specified.

Note 1. Two 31C, two 32C or two 33C gongs will be furnished instead of 29C gongs when specified. Two 36B, two 36D or one 39A (double) gong will be furnished instead of one 36A and one 37A gong when specified.

Note 2. Apparatus blank or dial is furnished only when specified.

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EQUIVALENT SUBSCRIBER SETS AND PARTS

Subscriber Set	Ringer	Gongs	Induction Coil	Condenser	Relay	Cords	Switch-hook
333B	6A	25A	20	21AN	—	T1A	140S
333C	6A	25A	20	21D	—	T1A	140W
334A	6A	25A	20	21D	—	—	—
334P	6A	25A	—	21D	—	—	—
334R	—	—	20	21D	—	—	—
533A†	68A	29C	46B	21BW	—	T1A	140S
533B†	68A	29C	46B	21BW	—	T1A	140W
533R†	68J	29C	46B	21BW	—	T1A	140S
533Y†	68A	29C	13	21BW	—	T1A	140S
533AR†	72A	29C	46B	21BW	85N	T1A	140S
534A†	68A	29C	46B	21BW	—	—	—
534C	—	—	46B	21BW	—	—	—
534D†	68A	29C	46B	21BW	—	—	—
534P†	68A	29C	46B	21AD	—	—	—
534DE†	68J	29C	—	*1149B	—	—	—
534DF†	68A	29C	—	*1149A	—	—	—

* Furnished only when specified.

† Two 31C, two 32C or two 33C gongs will be furnished instead of 29C gongs when specified.