

**AUDIBLE ALARM SIGNAL GONGS
FOR OFFICE AND MISCELLANEOUS ALARMS
C4A AND C5A RINGERS
PIECE-PART AND REPLACEMENT PROCEDURES**

1. GENERAL

1.01 This section covers the procedures to be followed when a distinctive signal provided by a ringer is required for an audible alarm in central offices. It also covers the necessary ordering information for the proper gongs used with the ringers.

1.02 The No. 531A-3 subscriber set, of which the B1A or B1AL ringer is a part, has been used for audible alarms in the office and miscellaneous alarm systems. This set has been replaced by the No. 687A-3 subscriber set equipped with the C4A ringer and the ED-92958-01 ringer bracket unit equipped with the C5A ringer. Gongs are provided or may be provided to furnish the required signal for the alarm.

1.03 With the No. 531A-3 subscriber set, distinctive signals for specific applications in the alarm circuits have been provided by equipping the B1A and B1AL ringers with different gong combinations. Similar signals may be provided with the No. 687A-3 subscriber set or the ED-92958-01 ringer-bracket unit by use of comparable gongs as covered in Table A in Part 2.

2. PROCEDURES

2.01 The No. 687A-3 subscriber set furnished on new installations or obtained as a replacement item is equipped with a C4A ringer. This ringer is equipped with the No. 54A and 55A gongs which are not generally used in the central office alarm systems. Table A covers the various types of alarms, together with the gongs used with B1A and B1AL ringers of the No. 531A-3 subscriber sets, and the gongs recommended for use with C4A ringers of the No. 687A-3 subscriber sets. Gongs, as required for distinctive tones or specific alarms, may be ordered by the code number of the gong.

2.02 The ED-92958-01 ringer-bracket unit, arranged for mounting in equipment bays, may be furnished on new installations, or used as a replacement for the No. 531A-3 subscriber set. These units are furnished for specific alarms and are identified by group number as covered in Table A. In all cases, the C5A ringer is part of the unit; and with the exception of Group 5, the appropriate gongs and shells (resonators) are provided as indicated in the table.

2.03 After changing gongs to obtain a different type of alarm, the ringer shall meet the requirements covered in Section 028-131-701.

TABLE A

TYPE OF ALARM	CODE NO. OF GONGS USED WITH B1A OR B1AL RINGER	CODE NO. OF GONGS TO BE USED WITH C4A OR C5A RINGER	RINGER-BRACKET UNIT ED-92958-01
Minor	two 40C	two 57A (without shells)	Group 1
Alarm Battery Supply	two 40D	one 56A, one 59A	Group 2
Service	two 41A (with No. 101A gong attachment)	one 55A, one 58A	Group 3
Auxiliary Signal or Night	one 41A, one 41B	one 55A, one 56A	Group 4
Miscellaneous	one 36A, one 37A one 40D, one 40E one 41A, one 41B two 29A two 33A two 36B two 40C	one 54A, one 55A one 57A, one 58A one 55A, one 56A two 54A two 56A two 57A two 57A (without shells)	*Group 5

* In the case of Group 5, shells (resonators), and gongs should be obtained as indicated in the table. The gongs for specific use should be ordered by the code number of the gongs. In addition, two shells (resonators) should be obtained in all cases except as specified in the table. The shells (resonators) should be obtained by ordering two P-339664 shells.