

STATION SETS—COMMON BATTERY

SELECTION FOR GENERAL USE

1. GENERAL

1.01 This section covers the selection of common battery telephone sets for general use and includes information on central office accounting identification. This section is reissued to:

- Include additional station sets.
- Delete obsolete telephone sets.
- Revise all tables.

1.02 Information for selection of telephone sets is contained in Tables A through D.

1.03 For connections refer to section covering individual set selected.

1.04 Sets for 755A PBX, key equipment, outdoor sets, and sets for special applications are covered in the sections listing sets for station systems and for specific uses.

1.05 Ringer limitations are covered in the section entitled Ringing Bridge Limitations.

1.06 For selection of colored sets, see the section entitled Telephone Apparatus — Color.

2. CENTRAL OFFICE ACCOUNTING — PARTY IDENTIFICATION

All tip party stations of 2-party dial service requiring central office accounting identification must be wired with a resistance from the tip side

of the line to ground, when the receiver is off the hook. The following services require this identification:

- Message Rate (MR)
- Zone Registration (ZR)
- Automatic Message Accounting (AMA) Centers associated with the following:
 - (a) Centralized automatic message accounting (CAMA) used with automatic number Identification (ANI).
 - (b) Local automatic message accounting (LAMA).

3. INDEX OF TABLES

Table A — Selection of Dial Common Battery Sets — Combined Type

Table B — Selection of Dial Common Battery Sets — Two Piece — Hangup Type

Table C — Selection of Manual Common Battery Sets — Combined Type

Table D — Selection of Manual Common Battery Sets — Two Piece — Hangup Type

SELECTION OF DIAL COMMON BATTERY SETS — COMBINED TYPE

TYPE OF RINGING	FULL SELECTIVE →			1 PARTY	2 PARTY				4 PARTY
	SEMI-SELECTIVE →						4 PARTY	8 PARTY	
	CODE - DIV - CODE →						MULTIPARTY		
CLASS OF SERVICE →	FLAT OR MESSAGE RATE			FLAT RATE	MESSAGE RATE		FLAT RATE		
TYPE OF SERVICE →	INDIVIDUAL OR BRIDGED			TIP PARTY (ZR, LAMA, ANI)	RING PARTY	TIP PARTY	RING OR TIP PARTY		
PARTY POSITIONS WITH TUBE SETS →								+ OR -	
IDENTIFICATION GROUND →				1000 OHMS	2650 OHMS		1000 OHMS		
STATION SETS	TRANSMISSION ZONES ◆								
General Desk Types	2	5	L						
302G	•			•			•	•	
304C	•			•	•	•	•	•	
306C	•								•
500B, D	•	•	*	•	•	•	•	•	
500H	•	•	*	•				•	•
500K	•	•	*	•	•	•	•	•	
500P, U	•	•	*	•	•	•	•	•	
501B, D	•	•	*						•
501K		•	*						•
501P, U	•	•	*						•
507			•	•	•	•	•	•	
509			•						•
701B†	•	•	*	•	•	•	•	•	•
702B	•	•	*	•	•	•	•	•	•
1500D	•	•	*	•	•	•	•	•	
1702B	•	•	*	•	•	•	•	•	
5302G-F1	•			•			•	•	
5302G-F4		•		•			•	•	
5304C-F1	•			•	•	•	•	•	
5304C-F4		•		•	•	•	•	•	
5306C-F1	•								•
5306C-F4		•							•
Wall Types									
354C	•			•	•	•	•	•	
356C	•								•
554B	•	•	*	•	•	•	•	•	
556B	•	•	*						•
557			•	•	•	•	•	•	
559			•						•
1554B	•	•	*	•	•	•	•	•	
Panel Types									
750A, B	•	•	*	•	•	•	•	•	
1750A, B	•	•	*	•	•	•	•	•	
Amplifier Desk Types									
332B, C	•			•			•	•	
334B, C	•			•	•	•	•	•	
532B	•	•		•	•	•	•	•	
533B	•	•							•
535B	•	•		•	•	•	•	•	
536B	•	•		•	•	•	•	•	
Prevention Party Line Interference Desk Types									
302AC	•							•	
500F	•	•	*					•	
501F	•	•	*						•

◆ Consult section entitled Transmission Zoning for any deviation from this table.
 • Recommended use.
 * It may be necessary to equip these sets with 238A amplifier.
 † When ringer is required use E1A, E2A, or F1A. F1A may not be used for 4-party service.

TABLE B
SELECTION OF DIAL COMMON BATTERY SETS — TWO PIECE — HANGUP TYPE

TYPE OF RINGING	FULL SELECTIVE →		1 PARTY		2 PARTY				4 PARTY	
	SEMI-SELECTIVE →						4 PARTY		8 PARTY	
	CODE - DIV - CODE →						MULTIPARTY			
CLASS OF SERVICE →			FLAT OR MESSAGE RATE		FLAT RATE		MESSAGE RATE		FLAT RATE	
TYPE OF SERVICE →			INDIVIDUAL OR BRIDGED		TIP PARTY		RING PARTY	TIP PARTY	RING OR TIP PARTY	
PARTY POSITIONS WITH TUBE SETS →									+ OR -	
IDENTIFICATION GROUND →					1000 OHMS	2650 OHMS			1000 OHMS	
HANGUP TELEPHONE SETS	SUBSCRIBER SETS	TRANSMISSION ZONES ◆								
		2	5	L						
211L, M, P	685A	•	•	*	•			•		
211L, M, P	686A	•	•	*						•
212L, M	685A	•	•	*	•	•	•	•	•	
212L, M	686A	•	•	*						•

◆ Consult section entitled Transmission Zoning for any deviation from this table.

• Recommended use.

* It may be necessary to equip these sets with 238A amplifier.

TABLE C
SELECTION OF MANUAL COMMON BATTERY SETS — COMBINED TYPE

TYPE OF RINGING	FULL SELECTIVE →			1 PARTY	2 PARTY	4 PARTY	
	SEMISELECTIVE →				4 PARTY	8 PARTY	
	CODE-DIV-CODE →				MULTIPARTY		
STATION SETS		TRANSMISSION ZONES ◆					
General Desk Types		2	5	L			
302E	•			•	•		
304A	•			•	•		
306A	•					•	
500A, C	•	•	*	•	•		
500J		•	*	•	•	•	
501A, C	•	•	*			•	
501J	•	•	*			•	
Wall Types							
354A	•			•	•		
356A	•					•	
554A	•	•	*	•	•		
556A	•	•	*			•	
Amplifier Desk Types							
332A	•			•	•		
532A	•	•		•	•		
533A	•	•				•	
535A	•	•		•	•		
536A	•	•		•	•		
Prevention Party Line Interference Desk Types							
302AA	•				•		
500E	•	•	*		•		

◆ Consult section entitled Transmission Zoning for any deviation from this table.

• Recommended use.

* It may be necessary to equip these sets with 238A amplifier.

TABLE D
SELECTION OF MANUAL COMMON BATTERY SETS — TWO PIECE — HANGUP TYPE

TYPE OF RINGING	FULL SELECTIVE →			1 PARTY	2 PARTY	4 PARTY	
	SEMISELECTIVE →				4 PARTY	8 PARTY	
	CODE-DIV-CODE →				MULTIPARTY		
HANGUP TELEPHONE SETS	SUBSCRIBER SETS	TRANSMISSION ZONES ◆					
		2	5	L			
211J, N	685A	•	•	*	•	•	
211J, N	686A	•	•	*			•

◆ Consult section entitled Transmission Zoning for any deviation from this table.

• Recommended use.

* It may be necessary to equip these sets with 238A amplifier.