

1A AND 1A1 KEY TELEPHONE SYSTEMS

EXTERNAL RINGERS AND BUZZERS

1.00 GENERAL

This section covers connections at the station for external ringers and buzzers. It includes connections from connecting block to ringer (for line ringer), from key cable to ringer or buzzer (for common audible signal or dial selective intercom station signal), and from key cable to buzzer for signal-key and buzzer circuits.

2.00 KEY CABLE CONNECTIONS

2.01 Pair 21 in the key cable is designated for use as the common audible signal pair, dial selective intercom station signal pair, or buzzer system signal pair when the common signal, station signal, or buzzer signal is to be provided external to the set.

2.02 Reference information for this section is given in Section C71.355, 1A1 Key Telephone System, Connection Data, Description and Use.

TABLE 37.01

External Ringer or Buzzer Used for Common Audible Signal, Dial Selective Intercom Station Signal, or for Buzzer Used with Signal-key and Buzzer Circuits

Type of Signal	From Equipment	Key Cable			531A Subset or Equiv Terminal	Ringer Lead	7-type Buzzer Terminal
	Lead Desig	Pair No.	C Type	D Type		Color	
			Color				
Ringer	B1	21	BL	BL	K	BK	
	R1		R	V	L1	R	
Buzzer	B1	21	BL	BL			A or D
	R1		R	V			C

TABLE 37.02

External Ringer Used as Station Line Ringer on Tip and Ring of Any Line except Private Line*

Type of Tel Set at Station	Ringer	Connections from Connecting Block to Subset				Connections in Subset (531A or Equiv)			
	Line No.	Conn Block		Local Wiring	Subset Terminal	Subset Terminal	Ringer and Capacitor Lead		
		Terminal	No.	Lead Desig			Color		
440, 460, 540, or 560	1	1	1	R	L1				
		2		T	L2				
	2	6		R	L1				
		7		T	L2				
	3	3		R	L1				
		8		T	L2				
	4	4	2	R	L1			L1——R	
		5		T	L2			K——BK	
	5	9		R	L1			K——S	
		10		T	L2			L2——Y	
	6	1		3	R			L1	
		2			T			L2	

* The term "private line" as used herein is defined as intercom, dial selective intercom, tie, and station lines.