

**DIAL SELECTIVE INTERCOMMUNICATING LINES  
 WITHOUT  
 FLASHING LINE LAMPS OR AUTOMATIC CUT-OFF**

**1. GENERAL**

- 1.01 This section covers the connections required at the apparatus cabinet for dial selective intercommunicating lines not equipped for flashing line lamps or automatic cut-off. This includes strapping between key telephone units, incoming power connections and strapping, and connections for terminating key or running cables on key telephone units.
- 1.02 This section is reissued to include information on the 207B key telephone unit.
- 1.03 Connection information for dial selective intercommunicating lines with flashing line lamps and/or automatic cut-off is given in Section C66.209.
- 1.04 Pairs 22 through 24 are assigned for use with station audible signal circuits. These same pairs are assigned for the use of the sixth line when 565A key telephone sets are used. Therefore, when using dial selective intercommunicating lines in the same system with 6-button sets (565A), the cable assignments shown in Tables 8.13 and 8.15 cannot be used. In such cases, it will be necessary to prepare assignments locally for station audible signal circuits.
- 1.05 An index listing the various types of wiring and the table numbers is shown below and on page 2 of this section.
- 1.06 Due to extensive changes, marginal arrows have been omitted.

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**WIRING BETWEEN KEY TELEPHONE UNITS**

CONNECTIONS	TABLE NO.	PAGE NO.
Between Two or More 207-TYPE K.T.U.	<b>8.01</b>	<b>3</b>
Between 207A K.T.U. and Associated 201A K.T.U. ★	<b>8.02</b>	<b>3</b>

**STATION CABLE CONNECTIONS**

TYPE OF CABLE	TYPE OF CKT.	TYPE OF KEY TEL. SET USED	TABLE NO.	PAGE NO.	
Key	Line and Lamp	All 1A1 System Sets Except 565A	<b>8.11</b>	<b>11</b>	
		565A	<b>8.12</b>	<b>12</b>	
	Station Audible Signal	All	<b>8.14</b>	<b>13</b>	
Running	Line and Lamp	All 1A1 System Sets	<b>8.11</b>	<b>11</b>	
		Systems Consist of 565A Sets Only	<b>8.12</b>	<b>12</b>	
	Station Audible Signal	Amplified Talking Circuits May Not Be Used in Same Cable	AH	<b>8.13</b>	<b>13</b>
		Amplified Talking Circuits May Be Used in Same Cable	All	<b>8.15</b>	<b>14</b>

**(Continued on Next Page)**

**INDEX (Continued)****POWER WIRING ★**

POWER					TABLE NO.	PAGE NO.
FURNISHED	TYPE ✕	SOURCE	CONNECTED FROM	FOR		
Through Fuse And Ringing Lamp Units	Battery	101G Power Plant or Transformer	Fuse Unit	Sta. Buzzers	8.03	3
				Lamps	8.04	4
				Trans.		
				Relays		
	Generator	CO, PBX, Bldg, or Local Battery	Fuse Unit	Sta. Buzzers	8.03	3
				Lamps	8.04	4
				Trans.		
				Relays		
Generator	101G Power Plant or Static Ringing Generator	Ringing Lamp Unit	Sta. Bells	8.05	4	
			CO, PBX, or Bldg Ringing Supply	Ringing Lamp Unit	Sta. Bells	8.05
Direct To Line Or Control Units	Battery	101G Power Plant or Transformer	CO or PBX Line Unit	Trans.	8.08	6
				Lamps		
			Incoming Power From Source	Relays	8.10	8
				Sta. Buzzers ◆		
		CO or PBX Line Unit	Sta. Buzzers □	8.06	5	
		Aud. Sig. Control Unit	Sta. Buzzers ■	8.07	5	
		CO, PBX, Bldg, or Local Battery	CO or PBX Line Unit	Trans.	8.08	6
				Lamps		
	Incoming Power From Source		Relays	8.09	7	
			Sta. Buzzers ◆			
	CO or PBX Line Unit	Sta. Buzzers □	8.06	5		
	Aud. Sig. Control Unit	Sta. Buzzers ■	8.07	5		
Generator	101G Power Plant or Static Ringing Generator	101G Power Plant or Static Ringing Generator	Sta. Bells ◆	8.10	8	
		CO or PBX Line Unit	Sta. Bells □	8.06	5	
		Aud. Sig. Control Unit	Sta. Bells ■	8.07	5	

Notes: ★ This table is required only when four or more key or running cables are to be connected to 207A K.T.U.

✕ The term "Battery" as used in this column indicates low voltage ac or dc.

◆ Select when the type of power or voltage used for the station audible signal circuit (207 TYPE) is different from that which is used for the audible signal control unit or from that which is used for the common ringer operated directly by the CO or PBX line unit.

□ Select when the same type of power and voltage is used for the station audible signal circuit (207 TYPE) and the common ringer operated directly by the CO or PBX line unit.

■ Select when the same type of power and voltage is used for the station audible signal circuit (207 TYPE) and audible signal control unit.

**CONNECTIONS BETWEEN TWO OR MORE DIAL SELECTIVE  
INTERCOMMUNICATING LINE UNITS (207A) OR (207B)**

TABLE 8.01

Run Straps as Shown Below When Two or More 207 TYPE K.T.U. Are Used:

LEAD DESIG.	1st 207B K.T.U. T.S. B	1st 207A K.T.U. TERM.	ALL SUCCEEDING K.T.U.	
			207B K.T.U. T.S. B	207A K.T.U. TERM.
STA RING GRD	40	24	40	24
STA RING POWER	39	25	39	25
LAMP BAT	29	28	29	28
LAMP GRD	30	29	30	29
TRANS GRD	10	34	10	34
TRANS BAT	9	35	9	35
RELAY GRD	20	36	20	36
RELAY BAT	19	37	19	37

Reference: SD-69199-01, Figs. 52 and 54

**CONNECTIONS BETWEEN DIAL SELECTIVE INTERCOMMUNI-  
CATING LINE UNIT (207A) AND ASSOCIATED BRIDGING UNIT  
(201A)**

TABLE 8.02

Run Straps as Shown Below When Four or More Key or Running Cables Are to be Con-  
nected Directly to Key Telephone Units:

LEAD DESIG.	207A K.T.U. TERM.	ASSOCIATED 201A K.T.U. TERM.
B1	14	5, 6, 15, and 16
R	2	11, 12, 13, and 14
T	1	1, 2, 3, and 4
L	30	7, 8, 9, and 10
LG	32	17, 18, 19, and 20

Reference: SD-69199-01, Fig. 52  
SD-69203-01, Fig. 66

**BATTERY CONNECTIONS BETWEEN DIAL SELECTIVE INTER-  
COMMUNICATING LINE UNIT (207 TYPE) AND CIRCUIT FUSE  
UNIT (201A) FOR STATION SIGNALS OPERATED FROM LOW  
VOLTAGE AC OR DC**

TABLE 8.03

Run Straps as Shown Below:

LEAD DESIG.	207B K.T.U. T.S. B	207A K.T.U. TERM.	CKT. FUSE 201A K.T.U. TERM.
STA RING GRD	40	24	19
STA RING POWER	39	25	10

Reference: SD-69199-01, Figs. 52 and 54  
SD-69203-01, Fig. 66

TABLE 8.04

**BATTERY CONNECTIONS BETWEEN DIAL SELECTIVE INTER-COMMUNICATING LINE UNIT (207 TYPE) AND CIRCUIT FUSE UNIT (201A), FOR ALL TYPES OF POWER EXCEPT THAT USED FOR STATION SIGNALS**

Run Straps as Shown Below:

LEAD DESIG.	207B	207A	CKT. FUSE 201A K.T.U. TERM.
	T.S. B	TERM.	
LAMP POWER	29	28	14
LAMP GRD	30	29	20
TRANS GRD	10	34	15
TRANS BAT	9	35	2
RELAY GRD	20	36	18
RELAY BAT	19	37	8

Reference: SD-69199-01, Figs. 52 and 54  
SD-69203-01, Fig. 66

TABLE 8.05

**POWER CONNECTIONS BETWEEN DIAL SELECTIVE INTER-COMMUNICATING LINE UNIT (207 TYPE) AND RINGING LAMP UNIT (211A OR 11A) FOR STATION AUDIBLE SIGNALS**

Select the One Subtable Applicable to Installation and Run Straps as Shown Below:

SUB-TABLE	LEAD DESIG.	K.T.U. USED AS DIAL SEL. INTERCOM LINE UNIT		K.T.U. USED AS RINGING LAMP UNIT
		207B	207A	
α	STA RING POWER STA RING GRD	T.S. B	TERM.	<b>211A K.T.U.</b> TERM. 15 17
		39	25	
b	STA RING POWER STA RING GRD	39	25	<b>11A K.T.U.</b> TERM. 7 6
		40	24	

Reference: SD-69199-01, Figs. 52 and 54  
SD-69203-01, Figs. 22 and 55

TABLE 8.06

POWER CONNECTIONS BETWEEN CENTRAL OFFICE OR PRIVATE BRANCH EXCHANGE LINE UNIT (202A, 202B, OR 212A) AND DIAL SELECTIVE INTERCOMMUNICATING LINE UNIT (207 TYPE), WHEN SAME TYPE OF POWER AND VOLTAGE IS USED FOR STATION AUDIBLE SIGNALS

Select the One Subtable Applicable to Installation and Run Straps as Shown Below:

SUB-TABLE	LEAD DESIG.	K.T.U. USED AS CO OR PBX LINE UNIT	K.T.U. USED AS DIAL SEL. INTERCOM LINE UNIT	
			207B	207A
a	STA RING POWER STA RING GRD	1st or 2nd 202A K.T.U. TERM. 36 33	T.S. B	TERM.
			39	25
			40	24
b	STA RING POWER STA RING GRD	1st or 2nd 202B K.T.U. TERM. 19 20	39	25
			40	24
c	STA RING POWER STA RING GRD	212A K.T.U. TERM. STRIP "A" TERM. 19 20	39	25
			40	24

Reference: SD-69199-01, Figs. 52 and 54  
SD-69203-01, Figs. 51, 67 and 68

POWER CONNECTIONS BETWEEN DIAL SELECTIVE INTERCOMMUNICATING LINE UNIT (207 TYPE) AND AUDIBLE SIGNAL CONTROL UNIT (211A OR 16A) WHEN SAME TYPE OF POWER AND VOLTAGE IS USED FOR STATION AUDIBLE SIGNALS

TABLE 8.07

Select the One Subtable Applicable to Installation and Run Straps as Shown Below:

SUB-TABLE	LEAD DESIG.	K.T.U. USED AS DIAL SEL. INTERCOM LINE UNIT		K.T.U. USED AS AUD. SIG. CONTROL UNIT
		207B	207A	
a	STA RING POWER STA RING GRD	T.S. B	TERM.	211A K.T.U. TERM. 11 10
		39	25	
		40	24	
b	STA RING POWER STA RING GRD	39	25	16A K.T.U. TERM. 7 3
		40	24	

Reference: SD-69199-01, Figs. 52 and 54  
SD-69203-01, Figs. 22 and 55

TABLE 8.08

**LAMP AND TRANSMITTER POWER CONNECTIONS BETWEEN  
CENTRAL OFFICE OR PRIVATE BRANCH EXCHANGE LINE  
UNIT (202A, 202B, OR 212A) AND DIAL SELECTIVE INTERCOM-  
MUNICATING LINE UNIT (207A OR 207B)**

Select the One Subtable Applicable to Installation and Run Straps as Shown Below:

SUB- TABLE	LEAD DESIG.	K.T.U. USED AS CO OR PBX LINE UNIT	K.T.U.	
			TYPE	
			207B	207A
α	LAMP POWER LAMP GRD TRANS BAT TRANS GRD	1st or 2nd 202A K.T.U. TERM.	T.S. B	TERM.
			29	28
			30	29
			9	35
			10	34
b	LAMP POWER LAMP GRD TRANS BAT TRANS GRD	1st or 2nd 202B K.T.U. TERM.	29	28
			30	29
			9	35
			10	34
c	LAMP POWER LAMP GRD TRANS BAT TRANS GRD	212A K.T.U. TERM. STRIP "A" TERM.	29	28
			30	29
			9	35
			10	34

Reference: SD-69199-01, Figs. 52 and 54  
SD-69203-01, Figs. 51, 67 and 68

**CONNECTIONS BETWEEN CENTRAL OFFICE, PRIVATE BRANCH EXCHANGE, BUILDING, OR LOCAL BATTERY SUPPLY AND DIAL SELECTIVE INTERCOMMUNICATING LINE UNIT (207A OR 207B)**

**TABLE 8.09**

Select Only the Subtables Applicable to Installation and Make Connections as Shown Below:

**8.09a INCOMING CABLE**

SUB-TABLE NO.	TYPE OF POWER AND USE	LEAD DESIG.	DIST. OR HOUSE CABLE TERM. PAIR	INCOMING CABLE			K.T.U.	
				PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	TYPE	
					CONDUCTOR COLOR		207B	207A
1	14-26V DC USED for STA. BUZZERS	BAT	PAIR ASSIGNED for BATTERY	15	G-W	S	T.S. B	TERM.
		GRD			W	BK	39	25
2	14-26V DC USED for RELAYS	BAT	PAIR(S) ASSIGNED for BATTERY	9	BL-BR(W)	BR(R)	19	37
		GRD		10	BL-S(W)	S(R)		
				9	W(BL-BR)	R(BR)	20	36
				10	W(BL-S)	R(S)		

**8.09b RUNNING CABLE**

SUB-TABLE NO.	TYPE OF POWER AND USE	LEAD DESIG.	DIST. OR HOUSE CABLE TERM. PAIR	RUNNING CABLE			K.T.U.	
				PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	TYPE	
					CONDUCTOR COLOR		207B	207A
1	14-26V DC USED for STA. BUZZERS	BAT	PAIR ASSIGNED for BATTERY	44	BR	BR-W	T.S. B	TERM.
		GRD			BK	Y	39	25
2	14-26V DC USED for RELAYS	BAT	PAIR(S) ASSIGNED for BATTERY	38	BR-W(R)	G-W(BK)	19	37
		GRD		39	BR-S(R)	BR-W(BK)		
				38	R(BR-W)	BK(G-W)	20	36
				39	R(BR-S)	BK(BR-W)		

Reference: SD-69199-01, Figs. 52 and 54

TABLE 8.10

**CONNECTIONS BETWEEN 101G POWER PLANT AND/OR  
TRANSFORMERS AND/OR STATIC RINGING GENERATOR  
AND DIAL SELECTIVE INTERCOMMUNICATING LINE UNIT  
(207A OR 207B)**

Select Only the Subtables Applicable to Installation and Make Connections as Shown Below:

8.10α LOCAL WIRING OR INCOMING CABLE FROM 101G POWER PLANT ★

SUB-TABLE NO.	TYPE OF POWER AND USE	LEAD DESIG.	101G POWER PLANT TERM.	INCOMING CABLE			K.T.U.	
				PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	207B	207A
					CONDUCTOR COLOR		T.S. B	TERM.
1	GENERATOR USED for STA. RINGERS	105V±	105V±	16 ✖	R	R	39	25
		RING GRD	RING GRD		W	W	40	24
2	18V AC USED for STA. BUZZERS	18V±	18V±	15	G-W	S	39	25
		GRD	GRD		W	BK	40	24
3	20V DC SIG. BAT. USED for RELAYS	BAT	20V DC SIG	9	BL-BR(W)	BR (R)	19	37
				10	BL-S(W)	S (R)		
		GRD	GRD	9	W(BL-BR)	R (BR)	20	36
				10	W(BL-S)	R (S)		

(Continued on Next Page)

**TABLE 8.10**  
**(Continued)****8.10b RUNNING CABLE FROM 101G POWER PLANT**

SUB-TABLE NO.	TYPE OF POWER AND USE	LEAD DESIG.	101G POWER PLANT	RUNNING CABLE			K.T.U.	
				TERM.	PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	207B
			CONDUCTOR COLOR			T.S. B	TERM.	
1	GENERATOR USED for STA. RINGERS	105V±	105V±	45	S	S-W	39	25
		RING GRD	RING GRD		BK	Y	40	24
2	18V AC USED for STA. BUZZERS	18V±	18V±	44	BR	BR-W	39	25
		GRD	GRD		BK	Y	40	24
3	20V DC SIG. BAT. USED for RELAYS	BAT	20V DC SIG	38 39	BR-W(R) BR-S(R)	G-W (BK) BR-W (BK)	19	37
		GRD	GRD	38 39	R(BR-W) R(BR-S)	BK (G-W) BK (BR-W)	20	36

**8.10c LOCAL WIRING OR INCOMING CABLE FROM STATIC RINGING GENERATOR ♦**

TYPE OF POWER AND USE	LEAD DESIG.	STATIC RINGING GENERATOR	INCOMING CABLE			K.T.U.	
			TERM.	PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	207B
		CONDUCTOR COLOR			T.S. B	TERM.	
GENERATOR USED for STA. RINGERS	105V±	105V±	16 ✱	R	R	39	25
	RING GRD	RING GRD		W	W	40	24

**(Continued on Next Page)**

**TABLE 8.10**  
(Continued)**8.10d RUNNING CABLE FROM STATIC RINGING GENERATOR**

TYPE OF POWER AND USE	LEAD DESIG.	STATIC RINGING GENERATOR	RUNNING CABLE			K.T.U.	
			PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	207B	207A
		TERM.		CONDUCTOR COLOR		T.S. B	TERM.
<b>GENERATOR USED for STA. RINGERS</b>	<b>105V±</b>	<b>105V±</b>	<b>45</b>	<b>S</b>	<b>S-W</b>	<b>39</b>	<b>25</b>
	<b>RING GRD</b>	<b>RING GRD</b>		<b>BK</b>	<b>Y</b>	<b>40</b>	<b>24</b>

**8.10e LOCAL WIRING OR INCOMING CABLE FROM TRANSFORMER BUZZER SUPPLY □**

TYPE OF POWER AND USE	LEAD DESIG.	KS-5714,L3 TRANSFORMER	INCOMING CABLE			K.T.U.	
			PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	207B	207A
		TERM.		CONDUCTOR COLOR		T.S. B	TERM.
<b>18V AC USED for STA. BUZZERS</b>	<b>18V±</b>	<b>18V±</b>	<b>15</b>	<b>G-W</b>	<b>S</b>	<b>39</b>	<b>25</b>
	<b>GRD</b>	<b>GRD</b>		<b>W</b>	<b>BK</b>	<b>40</b>	<b>24</b>

**8.10f RUNNING CABLE FROM TRANSFORMER**

TYPE OF POWER AND USE	LEAD DESIG.	KS-5714,L3 TRANSFORMER	RUNNING CABLE			K.T.U.	
			PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	207B	207A
		TERM.		CONDUCTOR COLOR		T.S. B	TERM.
<b>18V AC USED for STA. BUZZERS</b>	<b>18V±</b>	<b>18V±</b>	<b>44</b>	<b>BR</b>	<b>BR-W</b>	<b>39</b>	<b>25</b>
	<b>GRD</b>	<b>GRD</b>		<b>BK</b>	<b>Y</b>	<b>40</b>	<b>24</b>

- Notes: ★ When local wiring is used, connect terminals on 101G power plant to terminals on dial selective intercommunicating line unit (207 TYPE) with 20-gauge copper wire.
- ✕ If 12-pair cable is used, cable conductor colors will be red and white.
- ◆ When local wiring is used, connect terminals on static ringing generator to terminals on dial selective intercommunicating line unit (207 TYPE) with 20-gauge copper wire.
- When local wiring is used, connect terminals on transformer to terminals on dial selective intercommunicating line unit (207 TYPE) with 20-gauge copper wire.

Reference: SD-69199-01, Figs. 52 and 54

TABLE 8.11

**KEY OR RUNNING CABLE TO KEY TELEPHONE UNITS FOR  
USE WITH ALL 1A1 SYSTEM KEY TELEPHONE SETS EXCEPT  
565A SETS**

**When Only Three Key or Running Cables Are to be Terminated in Apparatus Cabinet,  
Connect Cable Pairs to 207A K.T.U. as Shown Below:**

**When More Than Three Key or Running Cables Are to be Terminated in Apparatus  
Cabinet, Connect Cable Pairs to 207A and Associated 201A K.T.U. as Shown Below:**

**Up to Six Key or Running Cables May be Connected to 207B K.T.U.**

LINE NO. IN SYS.	LEAD DESIG.	KEY OR RUNNING CABLE			K.T.U.		★ ASSOCIATED 201A K.T.U. TERM.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	207B	207A	
			CONDUCTOR COLOR		T.S. B	TERM.	
1	R T	1	BL W	BL W	2 1	2 1	11, 12, 13, or 14 1, 2, 3, or 4
	SPARE SPARE	2	O W	O W	— —	— —	— —
	L LG	16	G-BR W	BL Y	3 4	30 32	7, 8, 9, or 10 17, 18, 19, or 20
2	R T	3	G W	G W	2 1	2 1	11, 12, 13, or 14 1, 2, 3, or 4
	SPARE SPARE	4	BR W	BR W	— —	— —	— —
	L LG	17	G-S W	O Y	3 4	30 32	7, 8, 9, or 10 17, 18, 19, or 20
3	R T	5	S W	S W	12 11	2 1	11, 12, 13, or 14 1, 2, 3, or 4
	SPARE SPARE	6	BL-W W	BL R	— —	— —	— —
	L LG	18	BR-W W	G Y	3 14	30 32	7, 8, 9, or 10 17, 18, 19, or 20
4	R T	7	BL-O W	O R	12 11	2 1	11, 12, 13, or 14 1, 2, 3, or 4
	SPARE SPARE	8	BL-G W	G R	— —	— —	— —
	L LG	19	BR-S W	BR Y	13 14	31 33	7, 8, 9, or 10 17, 18, 19, or 20
5	R T	9	BL-BR W	BR R	22 21	2 1	11, 12, 13, or 14 1, 2, 3, or 4
	SPARE SPARE	10	BL-S W	S R	— —	— —	— —
	L LG	20	S-W W	S Y	13 24	31 33	7, 8, 9, or 10 17, 18, 19, or 20
6 *	R T	22	O R	O V	22 21	2 1	11, 12, 13, or 14 1, 2, 3, or 4
	SPARE SPARE	23	G R	G V	— —	— —	— —
	L LG	24	BR R	BR V	13 24	31 33	7, 8, 9, or 10 17, 18, 19, or 20

Note: ★ Not needed with 207B K.T.U.

\* Running cables only.

Reference: SD-69199-01, Figs. 52 and 54

TABLE 8.12

**KEY OR RUNNING CABLE TO KEY TELEPHONE UNITS FOR  
USE WITH 565A KEY TELEPHONE SETS**

When Only Three Key or Running Cables Are to be Terminated in Apparatus Cabinet, Connect Cable Pairs to 207A K.T.U. as Shown Below:

When More Than Three Key or Running Cables Are to be Terminated in Apparatus Cabinet, Connect Cable Pairs to 207A and Associated 201A K.T.U. as Shown Below:

Up to Six Key or Running Cables May be Connected to 207B K.T.U.

LINE NO. IN SYS.	LEAD DESIG.	KEY OR RUNNING CABLE			K.T.U.		★ ASSOCIATED 201A K.T.U. TERM.
		PAIR NO.	"C" INSIDE WIRING	"D" INSIDE WIRING	207B	207A	
			CONDUCTOR COLOR		T.S. B	TERM.	
1	R T	1	BL W	BL W	2 1	2 1	11, 12, 13, or 14 1, 2, 3, or 4
	SPARE SPARE	— —	— —	— —	— —	— —	— —
	L LG	16	G-BR W	BL Y	3 4	30 32	7, 8, 9, or 10 17, 18, 19, or 20
2	R T	2	O W	O W	2 1	2 1	11, 12, 13, or 14 1, 2, 3, or 4
	SPARE SPARE	— —	— —	— —	— —	— —	— —
	L LG	17	G-S W	O Y	3 4	30 32	7, 8, 9, or 10 17, 18, 19, or 20
3	R T	3	G W	G W	12 11	2 1	11, 12, 13, or 14 1, 2, 3, or 4
	SPARE SPARE	— —	— —	— —	— —	— —	— —
	L LG	18	BR-W W	G Y	3 14	30 32	7, 8, 9, or 10 17, 18, 19, or 20
4	R T	4	BR W	BR W	12 11	2 1	11, 12, 13, or 14 1, 2, 3, or 4
	SPARE SPARE	— —	— —	— —	— —	— —	— —
	L LG	19	BR-S W	BR Y	13 14	31 33	7, 8, 9, or 10 17, 18, 19, or 20
5	R T	5	S W	S W	22 21	2 1	11, 12, 13, or 14 1, 2, 3, or 4
	SPARE SPARE	— —	— —	— —	— —	— —	— —
	L LG	20	S-W W	S Y	13 24	31 33	7, 8, 9, or 10 17, 18, 19, or 20
6	R T	6	BL-W W	BL R	22 21	2 1	11, 12, 13, or 14 1, 2, 3, or 4
	SPARE SPARE	— —	— —	— —	— —	— —	— —
	L LG	15	G-W W	S BK	13 24	31 33	7, 8, 9, or 10 17, 18, 19, or 20

Note: ★ Not needed with 207B K.T.U.

Reference: SD-69199-01, Figs. 52 and 54

**RUNNING CABLE TO KEY TELEPHONE UNITS FOR ALL 1A1 SYSTEM KEY TELEPHONE SETS — BUZZER CONNECTIONS SHOWN BELOW WILL NOT PERMIT THE USE OF AMPLIFIED TALKING CIRCUITS IN THE SAME CABLE WITHOUT THE POSSIBILITY OF NOISE**

**Connect Running Cable Pairs to Key Telephone Units as Shown Below:**

STA. NO.	LEAD DESIG.	PAIR NO.	RUNNING CABLE		K.T.U.	
			"C" INSIDE WIRING	"D" INSIDE WIRING	207B	207A
			CONDUCTOR COLOR		T.S. A & B	TERM.
2	R1	22	O	O	12A	15
	B1		R	V	36B	14
3	R1	23	G (R)	G (V)	13A	16
4	R1	23	R (G)	V (G)	14A	17
5	R1	24	BR (R)	BR (V)	15A	18
6	R1	24	R (BR)	V (BR)	16A	19
7	R1	25	S (R)	S (V)	17A	20
8	R1	25	R (S)	V (S)	18A	21
9	R1	26	BL-W (R)	BL-W (W)	19A	22
0	R1	26	R (BL-W)	W (BL-W)	20A	23

Reference: SD-69199-01, Figs. 52 and 54

**KEY CABLE TO KEY TELEPHONE UNITS FOR ALL 1A1 SYSTEM KEY TELEPHONE SETS**

**TABLE 8.14**

**When Only Three Key or Running Cables Are to be Terminated in Apparatus Cabinet, Connect Cable Pairs to 207A K.T.U. as Shown Below:**

**When More Than Three Key or Running Cables Are to be Terminated in Apparatus Cabinet, Connect Cable Pairs to 207A and Associated 201A K.T.U. as Shown Below:**

**Up to Six Key or Running Cables May be Connected to 207B K.T.U.**

**8.14a STATION AUDIBLE SIGNAL MOUNTED INSIDE KEY TELEPHONE SET**

STA. NO.	LEAD DESIG.	PAIR NO.	KEY CABLE		K.T.U.		★ ASSOCIATED 201A K.T.U. TERM.
			"C" INSIDE WIRING	"D" INSIDE WIRING	207B	207A	
			CONDUCTOR COLOR		T.S. A & B	TERM.	
2	R1	12	O-G	O	12A	15	—
	B1		W	BK	36B	14	5, 6, 15, or 16
3	R1	12	O-G	O	13A	16	—
	B1		W	BK	36B	14	5, 6, 15, or 16
4	R1	12	O-G	O	14A	17	—
	B1		W	BK	36B	14	5, 6, 15, or 16
5	R1	12	O-G	O	15A	18	—
	B1		W	BK	37B	14	5, 6, 15, or 16
6	R1	12	O-G	O	16A	19	—
	B1		W	BK	37B	14	5, 6, 15, or 16
7	R1	12	O-G	O	17A	20	—
	B1		W	BK	37B	14	5, 6, 15, or 16
8	R1	12	O-G	O	18A	21	—
	B1		W	BK	38B	14	5, 6, 15, or 16
9	R1	12	O-G	O	19A	22	—
	B1		W	BK	38B	14	5, 6, 15, or 16
0	R1	12	O-G	O	20A	23	—
	B1		W	BK	38B	14	5, 6, 15, or 16

(Continued on Next Page)

TABLE 8.14 (Continued)

## 8.14b STATION AUDIBLE SIGNAL MOUNTED OUTSIDE KEY TELEPHONE SET

STA. NO.	LEAD DESIG.	PAIR NO.	KEY CABLE		K.T.U.		★ ASSOCIATED 201A K.T.U. TERM.
			"C" INSIDE WIRING	"D" INSIDE WIRING	207B T.S. A & B	207A TERM.	
			CONDUCTOR COLOR				
2	R1	21	BL	BL	12A	15	—
	B1		R	V	36B	14	5, 6, 15, or 16
3	R1	21	BL	BL	13A	16	—
	B1		R	V	36B	14	5, 6, 15, or 16
4	R1	21	BL	BL	14A	17	—
	B1		R	V	36B	14	5, 6, 15, or 16
5	R1	21	BL	BL	15A	18	—
	B1		R	V	37B	14	5, 6, 15, or 16
6	R1	21	BL	BL	16A	19	—
	B1		R	V	37B	14	5, 6, 15, or 16
7	R1	21	BL	BL	17A	20	—
	B1		R	V	37B	14	5, 6, 15, or 16
8	R1	21	BL	BL	18A	21	—
	B1		R	V	38B	14	5, 6, 15, or 16
9	R1	21	BL	BL	19A	22	—
	B1		R	V	38B	14	5, 6, 15, or 16
0	R1	21	BL	BL	20A	23	—
	B1		R	V	38B	14	5, 6, 15, or 16

Reference: SD-69199-01, Figs. 52 and 54 ★ Not needed with 207B K.T.U.

TABLE 8.15

RUNNING CABLE TO KEY TELEPHONE UNITS FOR ALL 1A1 SYSTEM KEY TELEPHONE SETS — BUZZER CONNECTIONS SHOWN BELOW WILL PERMIT THE USE OF AMPLIFIED TALKING CIRCUITS IN THE SAME CABLE WITHOUT THE POSSIBILITY OF NOISE

Connect Running Cable Pairs to Key Telephone Units as Shown Below:

STA. NO.	LEAD DESIG.	PAIR NO.	RUNNING CABLE		K.T.U.		★ ASSOCIATED 201A K.T.U. TERM.
			"C" INSIDE WIRING	"D" INSIDE WIRING	207B T.S. A & B	207A TERM.	
			CONDUCTOR COLOR				
2	R1	22	O	O	12A	15	—
	B1		R	V	36B	14	—
3	R1	23	G	G	13A	16	—
	B1		R	V	36B	14	—
4	R1	24	BR	BR	14A	17	—
	B1		R	V	36B	—	5
5	R1	25	S	S	15A	18	—
	B1		R	V	37B	—	5
6	R1	26	BL-W	BL-W	16A	19	—
	B1		R	W	37B	—	6
7	R1	27	BL-O	O-W	17A	20	—
	B1		R	W	37B	—	6
8	R1	28	BL-G	G-W	18A	21	—
	B1		R	W	38B	—	15
9	R1	29	BL-BR	BR-W	19A	22	—
	B1		R	W	38B	—	15
0	R1	30	BL-S	S-W	20A	23	—
	B1		R	W	38B	—	16

Reference: SD-69199-01, Figs. 52 and 54 ★ Not needed with 207B K.T.U.