PANELS

583- AND 584-TYPE

CONNECTIONS AND MAINTENANCE

1. GENERAL

1.01 This section is reissued to:

Add information on the 584D panel

Renumber terminals and change lead designations

Show the 584B panel (MD)

1.02 This issue of the section is based on the following drawings:

SD-69502-01

SD-69552-01

SD-69591-01

1.03 Station, power, and interpanel connections to 583A (MD) and 584A (MD) panels are provided with wire-wrap terminals. The KS-16363, List 1 hand grip wrapping tool should be used to wrap stripped wires. A KS-16492, List 2 unwrapping tool should be used to remove a wire-wrapped



See appropriate sections in Divisions 069, 074, and 075 which provide reference guides to tool identification, parts, operational requirements, and ordering information, plus approved preparation procedures for connecting wires to terminals.

1.04 Power and interpanel connections to 584B (MD) 584C and 584D panels are made to screw terminals. Station connections are made by using connector cables.

2. CONNECTIONS

- **2.01** Fig. 1 shows various typical arrangements using 583- and 584-type panels. Refer to Fig. 1 for power connection figure reference and interpanel wiring used with the selected arrangement.
- **2.02** Terminate station, CO, or PBX line connections directly to panels or to 66-type connecting blocks at the master distribution point or directly to panels (see Table A).
- 2.03 When 584-type panel arranged for Program A is used to provide interrupted lamp signals to a 597A or 598A panel, the maximum number of 51A lamps fed by each 2-ampere fuse shall not exceed 50. If 584-type panel is arranged for Program C, the maximum number of 51A lamps fed by each 2-ampere fuse shall not exceed 24.
- **2.04** Connection Index
 - Fig. 1—Block Diagram Showing Arrangements of 583A (MD), 584A (MD), 584B (MD), 584C and 584D Panels
 - Fig. 2—584A (MD) Panel Equipped with Interrupter (Panel can be used alone and also to control one other panel)
 - Fig. 3—583A (MD) or 584A (MD) Not Equipped With Interrupter or 412A KTU
 - Fig. 4—584B (MD) Panel Equipped With Interrupter (Panel not used to control other panels)
 - Fig. 5—584B (MD) Panel Equipped With Interrupter (Panel used to control one other panel)
 - Fig. 6—584B (MD) Panel Not Equipped With Interrupter or 412A KTU

- Fig. 7—584C or 584D Panel Not Equipped With Interrupter or 412A KTU
- Fig. 8—584C or 584D Panel Equipped With Interrupter (Panel not used to control other panels)
- Fig. 9—584C or 584D Panel Equipped With Interrupter (Panel used to control one other panel)
- Fig. 10—584B (MD) Panel Equipped With Interrupter (Master panel used to control up to 200 other panels each equipped with 412A KTU)
- Fig. 11— 584B (MD) Panel Equipped With 412A KTU (Panel used to control one other panel)
- Fig. 12- 584B (MD) Panel Equipped With 412A KTU (Panel not used to control other panels)
- Fig. 13—584A (MD) Panel Equipped With 412A KTU (Panel used alone and also to control one other panel)
- Fig. 14—584C or 584D Panel Equipped With 412A KTU (Panel not used to control other panels)
- Fig. 15—584C or 584D Panel Equipped With Interrupter (Master panel used to control up to 200 other panels each equipped with 412A KTU)
- Fig. 16—584Cor 548D Panel Equipped With 412A KTU (Panel used to control one other panel)
- Fig. 17—Modification of 584A (MD) Panel to Accept 412A KTU

- Fig. 18—Manual Intercommunication Connections for 583A (MD) and 584A (MD) Panels
- Fig. 19—Typical Functional Layout of 584B (MD) and 584C or D Panels Showing Line Circuit 1 Only
- Table A—Connections to Distribution Points and/or Panels

3. MAINTENANCE

- 3.01 Maintenance on panels should be limited to tracing of wiring troubles, fuse replacement, and replacement of improperly operating KTUs.
- **3.02** When trouble is encountered, proceed as follows:
 - (a) Visit station reporting trouble
 - (b) Determine if trouble is located at the individual station or common to the system.
 - (c) If common to the system:
 - (1) Check power supply and fuses
 - (2) Determine which KTU is not operating properly
 - (3) Replace KTU with one known to be in operating condition to determine whether trouble is located in the KTU or in external circuitry.
 - *Note:* Be sure that applicable options are correctly strapped on the replaced KTU.
 - (4) If replacement of the KTU does not correct the trouble, it is external to the KTU and the complete wiring should be verified.

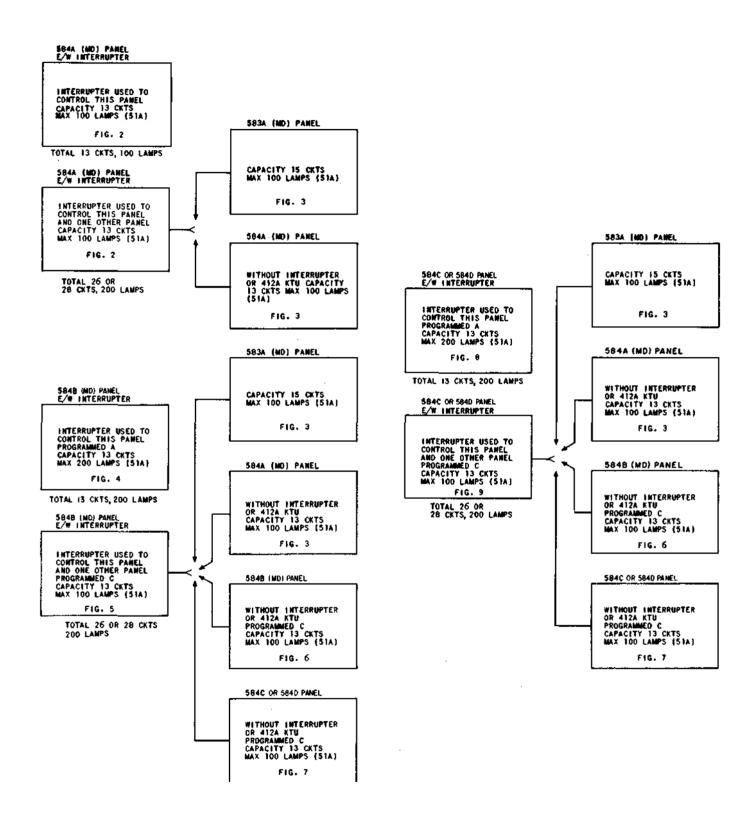


Fig. 1—Block Diagram Showing Arrangement of 583A (MD), 584A (MD), 584B (MD), 584C and 584D Panels (Sheet 1)

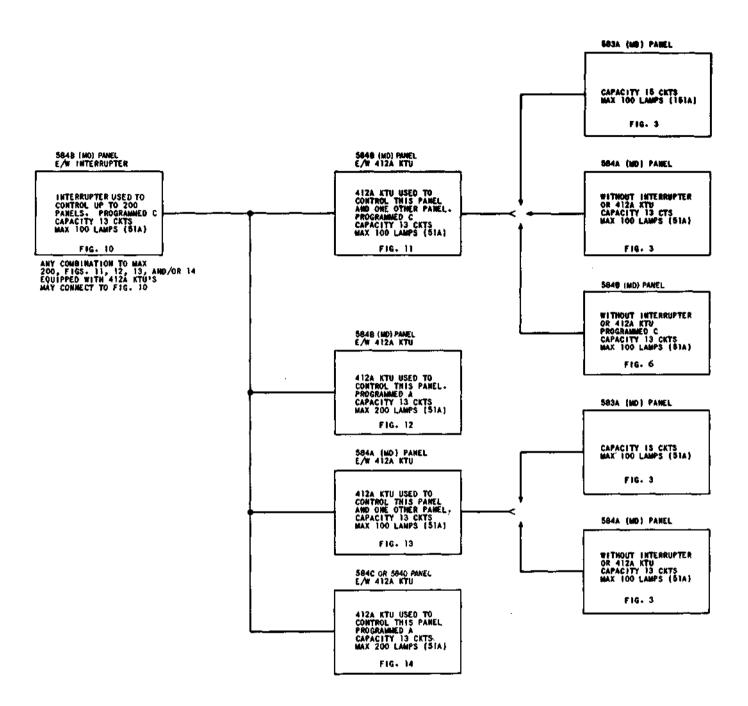


Fig. 1—Block Diagram Showing Arrangement of 583A (MD), 584A (MD), 584B (MD), 584C and 584D Panels (Sheet 2)

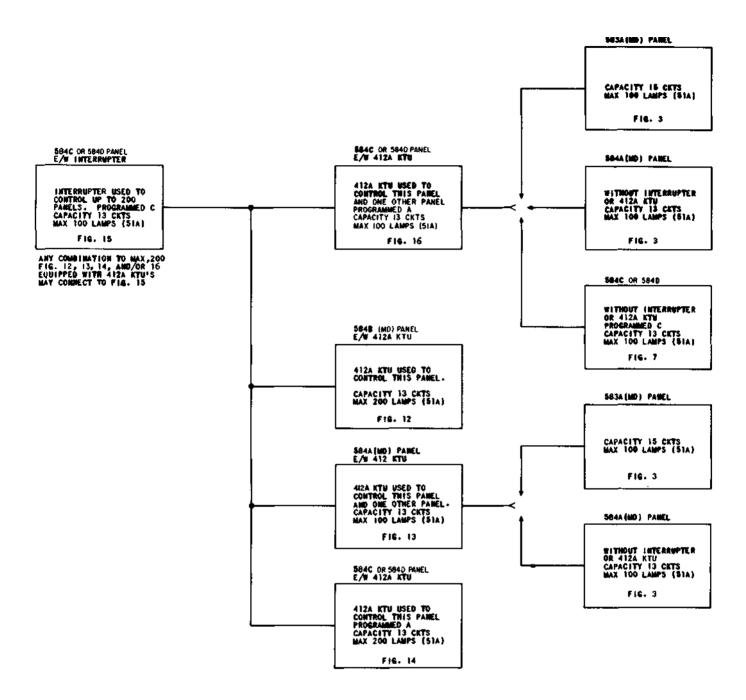
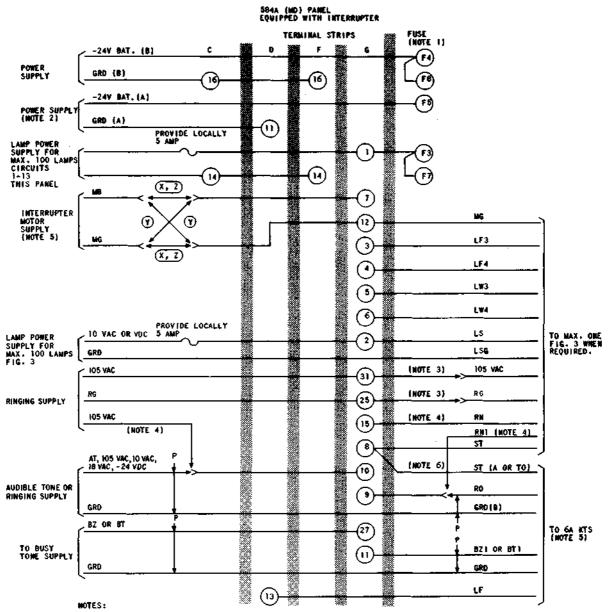
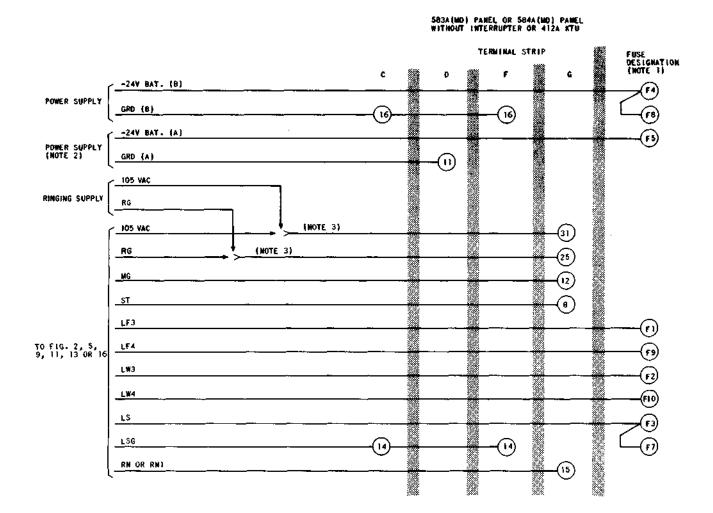


Fig. 1—Block Diagram Showing Arrangement of 583A (MD), 584A (MD), 584B (MD), 584C and 584D Panels (Sheet 3)



- 1. MAKE CONNECTIONS TO TERMINAL 1 OF FUSE.
- PROVIDE ONLY WHEN USING KEY TELEPHONE UNITS THAT REQUIRE -24V BAT. (A), SUCH AS THE 401A KTU. CONNECTIONS SNOWN SERVES CONNECTORS J7 AND J8 (SEE FIG. 18).
- 3. CAN BE MULTIPLED TO OTHER PANELS, PROVIDED THE POWER SOURCE OUTPUT IS NOT EXCEEDED.
- 4. WHEN RN LEAD IS LOADED TO CAPACITY, ADDITIONAL AUDIBLE SIGNALS MAY BE CONNECTED TO RNI LEAD, PROVIDED THE SA KTS IS NOT USED.
- 5. WHEN Y OPTION IS FURNISHED, INTERRUPTER CANNOT BE USED FOR 6A KTS FEATURES.
 - X KS-19384, L2 (-24 VDC)
 - (Y) KS-19384, L1 (-24 VDC) (MO)
 - (Z) KS-15900, L1 (10 VAC)
- 6. GROUND SUPPLIED TO ST LEAD FROM CONMECTING CIRCUIT MUST BE THE GROUND ASSOCIATED WITH THE SUPPLY USED TO DRIVE THE INTERRUPTER MOTOR.

Fig. 2—584A (MD) Panel Equipped with Interrupter (Panel can be used alone and also to control one other panel)



- 1. MAKE CONNECTIONS TO TERMINAL 1 OF FUSE.
- 2. PROVIDE ONLY WHEN USING KEY TELEPHONE UNITS THAT REQUIRE -24V BAT. (A1, SUCH AS THE 40IA KTU. CONNECTION AS SHOWN SERVES CONNECTORS J7 AND J8 (SEE FIG. 18).
- 3. IF LEADS FROM PRECEDING PANEL ARE LOADED TO CAPACITY, PROVIDE SEPARATE RINGING SUPPLY TO THIS PANEL.

Fig. 3—583A (MD) or 584A (MD) Panel Not Equipped With Interrupter or 412A KTU

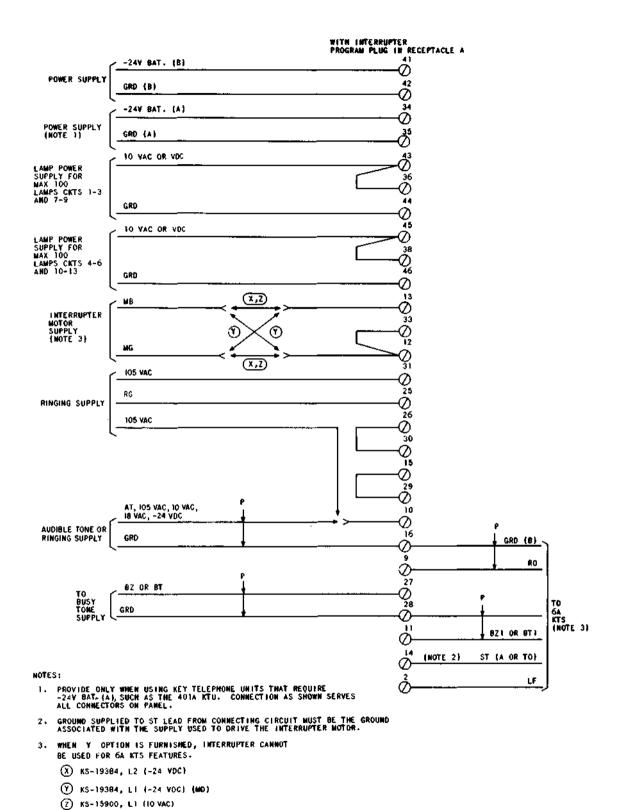


Fig. 4—584B (MD) Panel Equipped With Interrupter (Panel not used to control other panels)

5848 (MC) PANEL WITH INTERRUPTER PROGRAM PLUG IN RECEPTACLE C

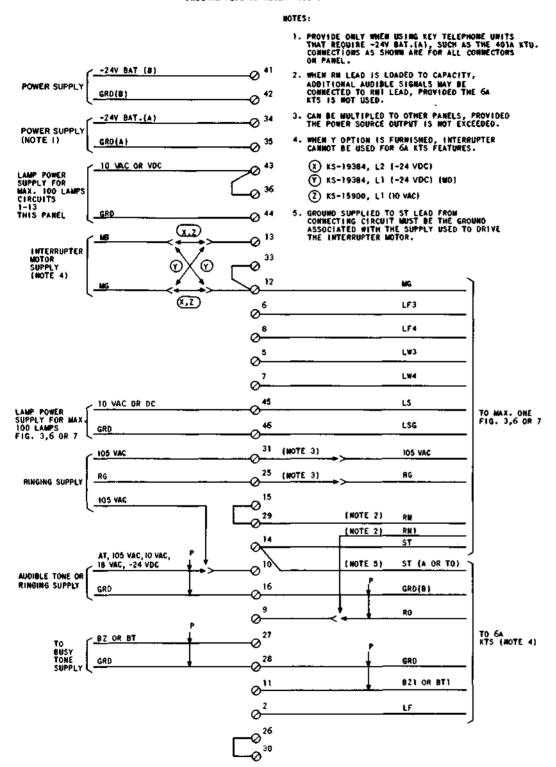
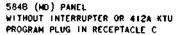
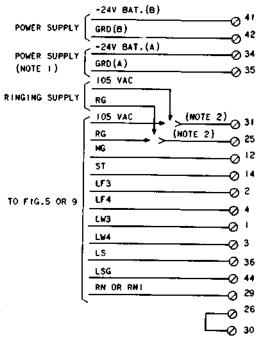


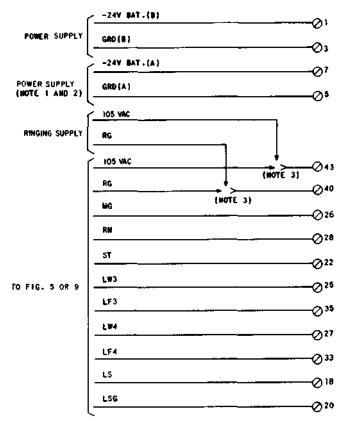
Fig. 5-584B (MD) Panel Equipped With Interrupter (Panel used to control one other panel)





- PROVIDE ONLY WHEN USING KEY TELEPHONE UNITS THAT REQUIRE -24V BAT.(A), SUCH AS THE 401A KTU. CONNECTION AS SHOWN SERVES ALL CONNECTORS ON PANEL.
- 2. IF LEADS FROM PRECEEDING PANEL ARE LOADED TO CAPACITY, PROVIDE SEPARATE RINGING SUPPLY TO THIS PANEL.

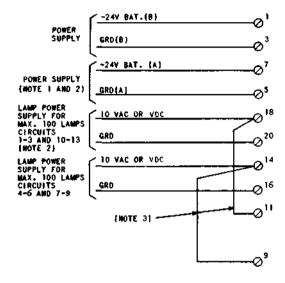
Fig. 6—584B (MD) Panel Not Equipped With Interrupter or 412A KTU



- PROVIDE ONLY WHEN USING KEY TELEPHONE UNITS THAT REQUIRE -24V BAT.(A), SUCH AS THE 401A KTU.
- 2. WHEN MORE THAN ONE SUPPLY IS USED TO PROVIDE -24 VDC AND 10 VAC, POWER SUPPLY GROUND TERMINALS ARE BONDED TOGETHER.
- 3. IF LEADS FROM PRECEDING PANEL ARE LOADED TO CAPACITY, PROVIDE SEPARATE RINGING SUPPLY TO THIS PANEL

Fig. 7—584C or 584D Panel Not Equipped With Interrupter or 412A KTU

584C OR 5840 PANEL EQUIPPED WITH INTERRUPTER USING PROGRAM A PLUG



- PROVIDE ONLY WHEN USING KEY TELEPHONE UNITS THAT REQUIRE -24V BAT.(A), SUCH AS THE 401A KTU.
- WHEN MORE THAN ONE SUPPLY IS USED TO PROVIDE -24 VDC AND 10 VAC, POWER SUPPLY GROUND TERMINALS ARE BONDED TOGETHER.
- 3. REMOVABLE FACTORY FURNISHED FIELD STRAP.
- WHEN Y OPTION IS FURNISHED, INTERRUPTER UN NOT BE USED FOR 6A KTS FEATURES.
 - (X) KS-19384, L2 (-24 VDC) (Y) KS-19384, L1 (-24 VDC) [MD])
 - (Z) KS-15900, L1 (10 VAC)
- 5. GROUND SUPPLIED TO ST LEAD FROM CONNECTING CIRCUIT MUST BE THE GROUND ASSOCIATED WITH THE SUPPLY USED TO DRIVE THE INTERRUPTER MOTOR.
- IF 6A KTS IS NOT USED, THIS LEAD MAY BE USED TO ACCOMODATE ADDITIONAL RINGERS OR BUZZERS AND FUSE 21 MAY BE INCREASED TO A 2 AMP FUSE.

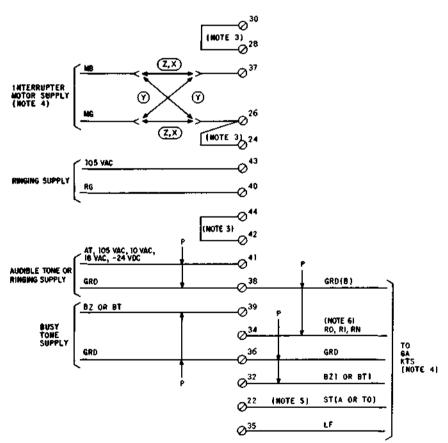


Fig. 8-584C or 584D Panel Equipped With Interrupter (Panel not used to control other panels)

584C OR 5840 **PANEL** WITH INTERRUPTER NOTES: -24V BAT.(8) ø' 1. PROVICE ONLY WHEN USING KEY TELEPHONE UNITS THAT REQUIRE -24V BAT.[A], SUCH AS THE 401A KTU. POWER SUPPLY GRD(B) س 2. WHEN MORE THAN ONE SUPPLY IS USED TO PROVIDE -24 VDC AND 10 VAC POWER, POWER SUPPLY GROUND TERMINALS ARE BONDED TOGETHER. -24Y BAT.(A) ø' 3. WHEN Y OPTION IS FURNISHED INTERRUPTER CAN NOT BE USED FOR 64 KTS FEATURES. POWER SUPPLY (NOTE 1 AND 2) GRD(A) Ø⁵ (X) KS-19384, L2 (-24 VDC) (Y) KS-19384, L1 (-24 VDC) (MD) Ø¹⁸ 10 VAC OR VDC LAMP POWER SUPPLY FOR MAX. 100 LAMPS CIRCUITS 1-13 (NOTE 2) (7) KS-15900, L1 (IOVAC) GŘD 4. WHEN RN LEAD IS LOADED TO CAPACITY, ADDITIONAL AUDIBLE SIGNALS MAY BE CONNECTED TO RNI LEAD, PROVIDED THE 6A KTS IS NOT USED. Ø²⁰ 5. REMOVABLE FACTORY FURNISHED FIELD STRAP. 6. CAN BE MULTIPLED TO OTHER PANELS, PROVIDED THE OUTPUT OF POWER SOURCE IS NOT EXCEEDED. Ø ³⁷ INTERRUPTER MOTOR SUPPLY [NOTE 3) 7. GROUND SUPPLIED TO ST LEAD FROM CONNECTING CIRCUIT MUST BE THE GROUND ASSOCIATED WITH THE SUPPLY USED TO DRIVE THE INTERRUPTER MOTOR. Ø²⁴ **((P)** 26 \mathbb{Z}^{χ} Ø 21 F.W.3 Ø 23 LW4 Ø29 LF4 Ø³¹ LF3 10 VAC OR VDC LAMP POWER SUPPLY FOR MAX. 100 LAMP FIG. 3,6 OR 7 LS Ø 16 LSG TO MAX. ONE 105 VAC FIG. 3, 6 OR 7. Ø⁴³ Ø⁴⁰ RĢ RG AMGING SUPPLY (NOTE 6) 105 WAC O⁴⁴ (NOTE 5) 105 VAC (NOTE 6) **⊘**30 [NOTE 5]28 RM RN1 (NOTE 4) ST 22

Fig. 9—584C or 584D Panel Equipped With Interrupter (Panel used to control one other panel)

(NOTE 7)

04

Ø⁴¹

 $O^{\frac{38}{}}$

0

Ø³⁹

 \emptyset 32

Ø³⁵

36

34

ST (A OR TO)

TO BA KTS (NOTE 3)

GRD(B)

RO, RI, RN

BZ1 OR BT1

GRD

LF

AUDIBLE TONE OR RINGING SUPPLY

BUSY TONE

AT, 105 VAC, 10 VAC, 18 VAC, -24 VDC

BZ OR BT

5848 (MD) PANEL EQUIPPED WITH INTERRUPTER PROGRAM PLUG IN RECEPTACLE C

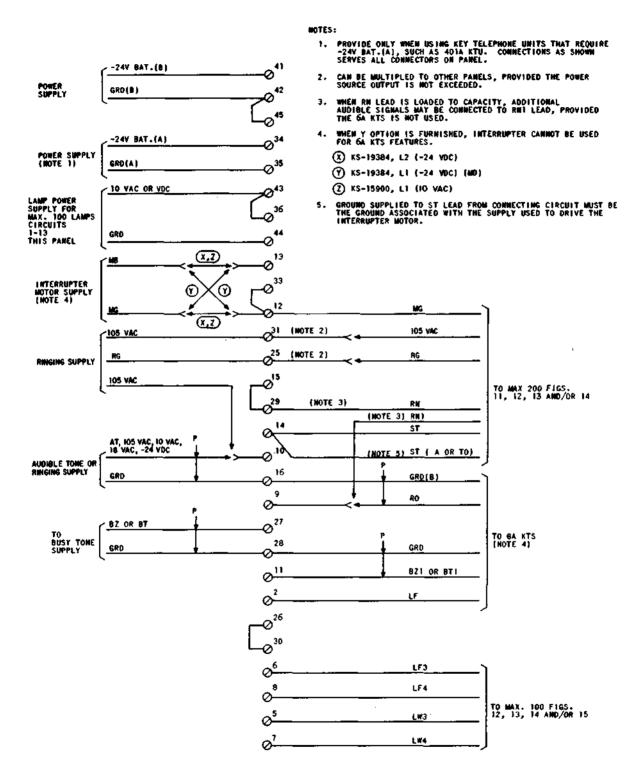
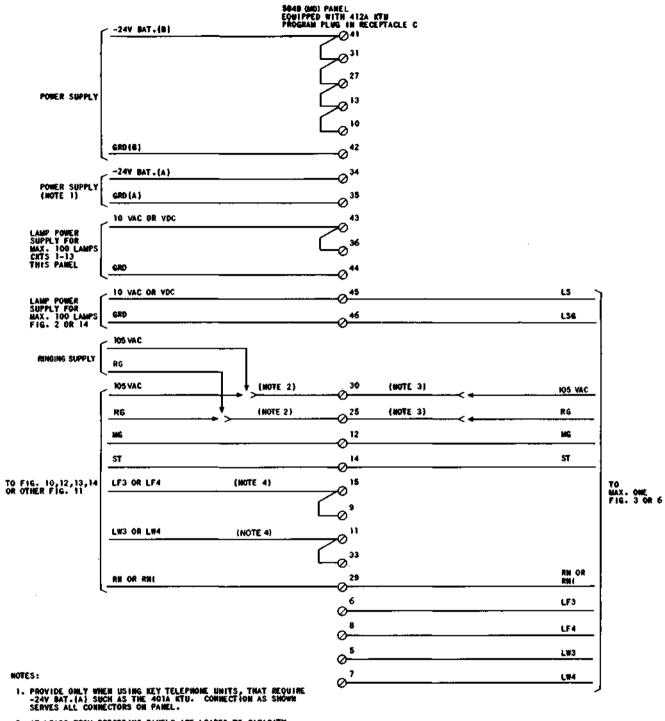


Fig. 10—584B (MD) Panel Equipped With Interrupter (Master panel used to control up to 200 other panels each equipped with 412A KTU)



^{2.} IF LEADS FROM PRECEDING PANELS ARE LOADED TO CAPACITY, PROYIDE SEPARATE RINGING SUPPLY TO THIS PANEL.

Fig. 11—584B (MD) Panel Equipped With 412A KTU (Panel used to control one other panel)

^{3.} CAN BE MULTIPLED TO OTHER PARELS PROVIDED THE OUTPUT OF POWER SOURCE IS NOT EXCEEDED.

^{4.} DISTRIBUTE PAMELS BETWEEN LF3, LW3 OR LF4, LW4 LEADS.

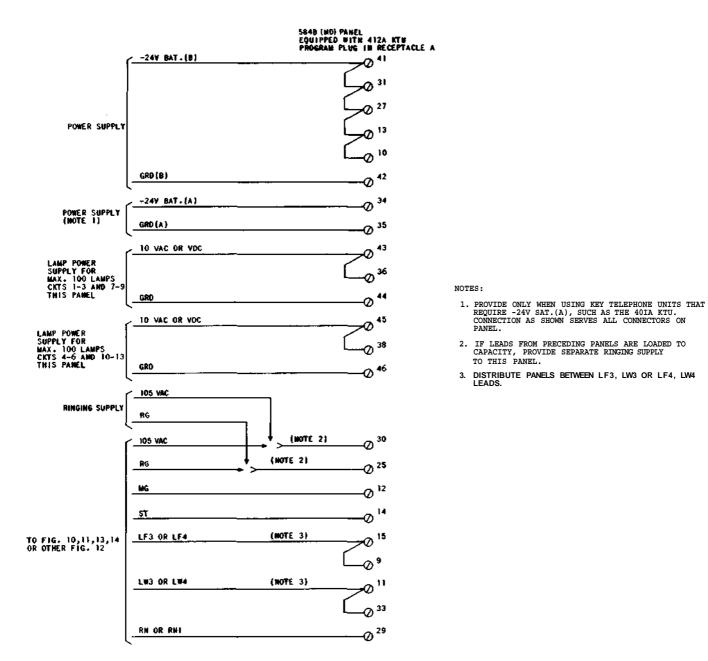
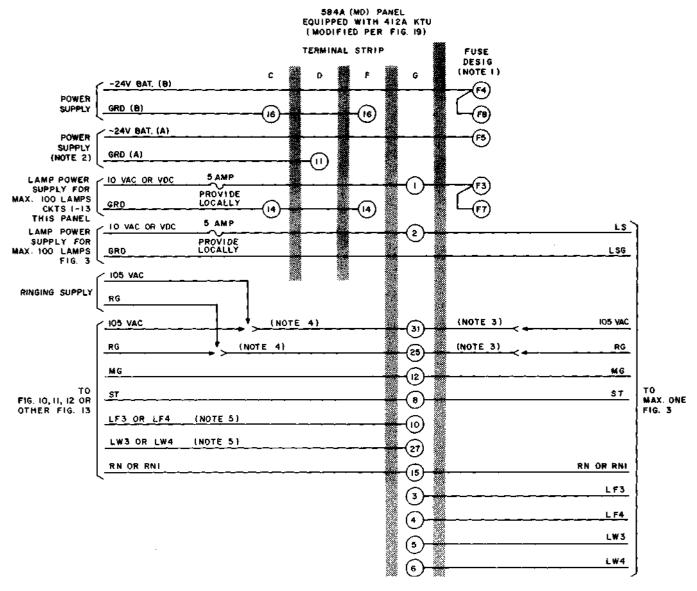
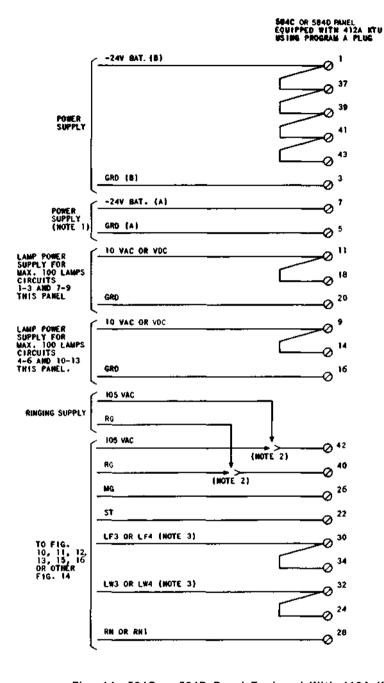


Fig. 12—584B (MD) Panel Equipped With 412A KTU (Panel not used to control other panels)



- 1. MAKE CONNECTIONS TO TERMINAL 1 OF FUSE.
- PROVIDE ONLY WHEN USING KEY TELEPHONE UNITS THAT REQUIRE -24V BAT (A), SUCH AS THE 401A KTU. CONNECTION AS SHOWN SERVES CONNECTORS J7 AMD J8 (SEE FIG. 18).
- CAN BE MULTIPLED TO OTHER PANELS PROVIDED THE OUTPUT OF POWER SOURCE IS NOT EXCEEDED.
- 4. IF LEADS FROM PRECEEDING PANELS ARE LOADED TO CAPACITY, PROVIDE "SEPARATE RINGING SUPPLY TO THIS PANEL.
- 5. DISTRIBUTE PANELS BETWEEN LF3, LW3 OR LF4, LW4 LEADS.

Fig. 13—584A (MD) Panel Equipped With 412A KTU (Panel used alone and also to control one other panel)



- PROVIDE ONLY WHEN USING KEY TELEPHONE UNITS THAT REQUIRE -24V RAT.(A), SUCH AS 401A KTU.
- IF LEADS FROM PRECEDING PANEL ARE LOADED TO CAPACITY. PROVIDE SEPARATE RINGING SUPPLY TO THIS PANEL.
- 3. DISTRIBUTE PANELS BETWEEN LF3, LW3 OR LF4, LW4 LEADS.

Fig. 14—584C or 584D Panel Equipped With 412A KTU (Panel not used to control other panels)

S84C OR 5840 PANEL EQUIPPED WITH INTERRUPTER USING PROGRAM C PLUG

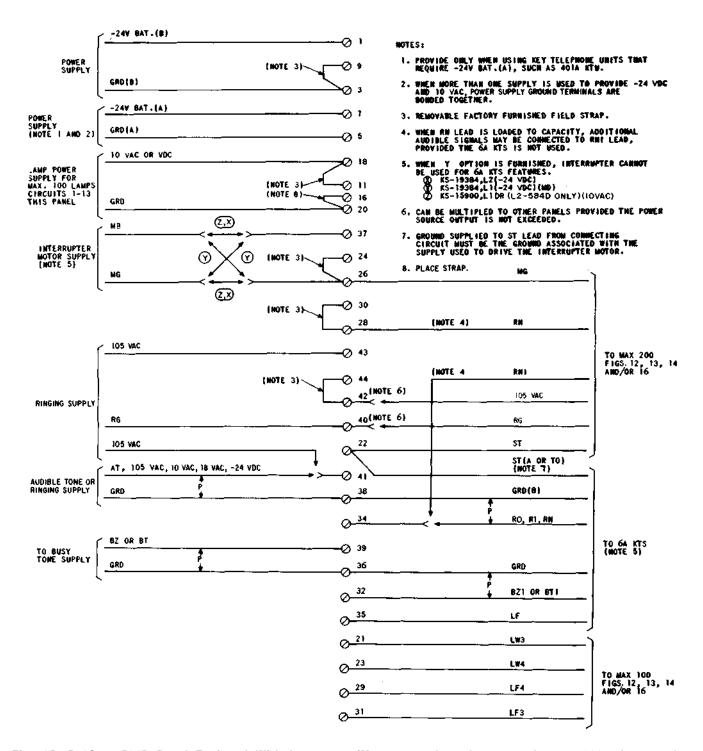
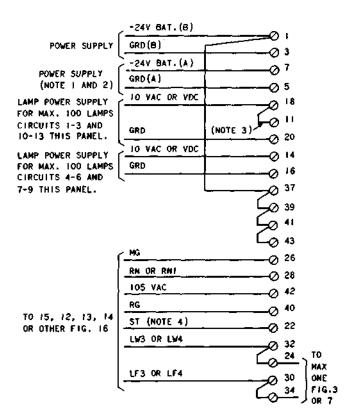


Fig. 15—584C or 584D Panel Equipped With Interrupter (Master panel used to control up to 200 other panels each equipped with 412A KTU)



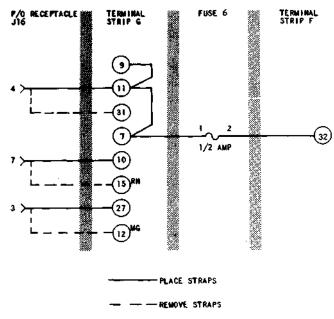
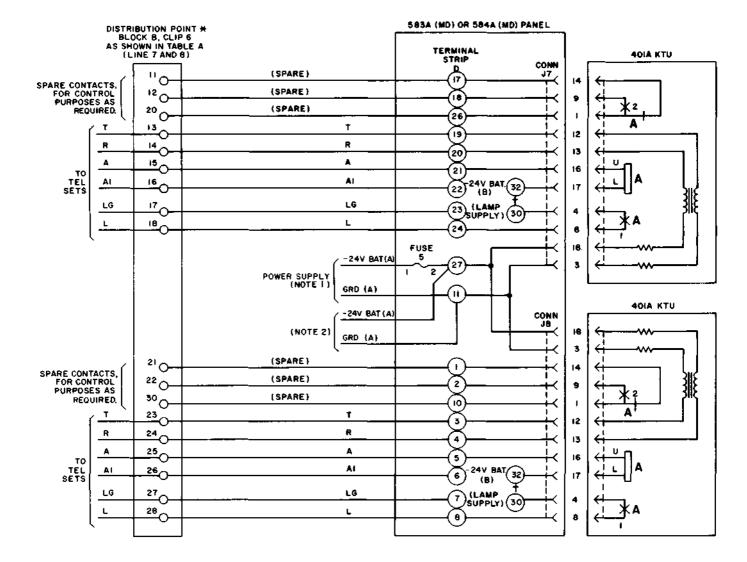


Fig. 17—Modification of 584A (MD) Panel to Accept 412A KTU

- 1. PROVIDE ONLY WHEN USING KEY TELEPHONE UNITS THAT REQUIRE -24V BAT.(A), SUCH AS THE 40IA KTU.
- WHEN MORE THAN ONE SUPPLY IS USED TO PROVIDE -24 VDC AND 10 VAC, POWER SUPPLY GROUND TERMINALS ARE BONDED TOGETHER.
- 3. REMOVABLE FACTORY FURNISHED FIELD STRAP.
- 4. GROUND SUPPLIED TO ST LEAD FROM CONNECTING CIRCUIT MUST BE THE GROUND ASSOCIATED WITH THE SUPPLY USED TO DRIVE THE INTERRUPTER MOTOR.

Fig. 16—584C or 584D Panel Equipped With 412A KTU (Panel used to control one other panel)



- A MAXIMUM OF SIX 401A KIU'S CAN 8E SERVED THROUGH FUSE 5. IF ADDITIONAL 401A KIU'S ARE REQUIRED, -24V BAT (A) MUST BE SUPPLIED THROUGH A SPARE FUSE.
- IF ADDITIONAL 401A KTU'S ARE REQUIRED, MULTIPLE TO ANY DESIRED TERMINAL STRIP EXCEPT TERMINAL STRIP G (CONN J13), WITHIN THE LIMITATIONS OF NOTE 1.
- X A MAXIMUM OF 3 STATION CABLES OR 2 STATION CABLES AND A DISTRIBUTING CABLE CAN CONNECT DIRECTLY TO PANEL.
- + FURNISHED WITH BASIC WIRING OF PANEL. FOR CLARITY, SAME TERMINAL SHOWN TWICE.

Fig. 18-Manual Intercommunication Connections for 583A (MD) and 584A (MD) Panels

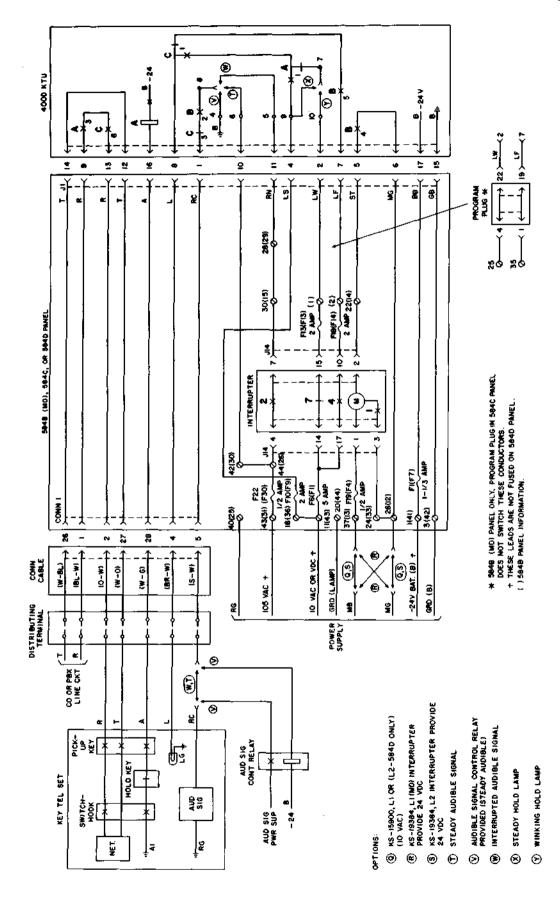


Fig. 19—Typical Functional Layout of 584B (MD) and 584C or D Panels Showing Line Circuit 1 Only

TABLE A

CONNECTIONS TO DISTRIBUTION POINT AND/OR THE PANELS

CIRCUIT		LEAD	DISTRIBUTION POINT BLOCK A 66-TYPE CONNECTING BLOCK			TERMINAL ON PANEL			
CIR	CIRCUI				COL COLOR BL-W BINDER			S84B (MD) 584C AND 584D	
			ROW	COL		583A (MO)	S84A (MD)	PIN	CONNECTOR
	CO PBX	T R	1 2		W-BL BL-W		7A 8A	26 1	
	a=.	T R	3 4		W-0 O-W		9A 0A	27 2	
Line		A	5		W-G	21	1 A	28	
1	STA	Al LG	7		G-W W-BR		2A 3A	3 29	
		L	9		BR-W W-S		IA	30	
		RG RC	9 10		S-W	25A 26A		5	
	CO PBX	T R	11 12		R-BL BL-R	1A 2A		31 6	
	TDA	T	13		R-0	3A		32	
Line		R A	14 15		O R R-G		1A 5A	33	
2	STA	Al	16		G-R	6A 7A 8A		8	
		LG L	17 18		R-BR BR-R			34 9	
		RG	19		R-S	9A		35	
	со	RC T	20		S-R BK-BL	10A 17B		10 36	
	PBX	R	22		BL-BK	18B 19B		11	
	STA	T R	23 24		BK-0 O-BK)B	37 12	1
Line 3		A Al	25 26	F	BK-G G-BK		IB 2B	38 13	
		LG	27		BK-BR	23	ВВ	39	
		L RG	28		BR-BK BK-S	24	IB B	40	
	~~	RC	30		S-BK	26	6B	15	
	CO PBX	T R	31 32		Y-BL BL-Y	IB 2B		41 16	
	STA	T R	33 34		Y - 0 O-Y		BB BB	42 17	
Line		A	35		Y-G	5	5B	43	
4		LG	36		G-Y Y-BR	6B 7B 8B 9B 10B		18	
		L	38		BR-Y			19	
		RG RC	39 40		Y-S S-Y			45 20	
	CO PBX	T R	41 42		V-BL BL-V	17C 18C		46 21	
	STA	T	43		V-0	19C 20C 21C 22C 23C 24C		47	
Line		R A	44 45	<u> </u>	O-V V-G			22 48	
Line 5		Al	46		G-V			23	
		LG L	47 48		V-BR BR-V			49 24	
		RG	49		V-S	25	SC	50	
		RC	50		S-V	26		25	

TABLE A (Cont)

CONNECTIONS TO DISTRIBUTION POINT AND/OR THE PANELS

CIRCUIT		LEAD	DISTRIBUTION POINT BLOCK B 66-TYPE CONNECTING BLOCK			TERMINAL ON PANEL			
		DESIG						584B (MD) 584C AND 584D	
			ROW	COL	COLOR O-W BINDER	583A (MD)	S84A (MD)	PIN	CONNECTOR
	CO PBX	T R	1 2		W-BL BL-W		C C	26 1	
		T R	3 4		W-0 O-W	3C 4C		27 2	
Line 6	STA	A Al	5			5C 6C		28	
Ť		LG L	7 8		G-W W-BR BR-W	7	c c	29	
		RG RC	9		W-S	9C 10C		30 5	
	CO PBX	T R	11 12		R-BL BL-R	17D 18D		31 6	
	STA	T R	13 14		R-0 O-R	19	D	32 7	
Line 7		A A1	15 16		R-G G-R	21 22	D	33 8	
,		LG L	17 18		R-BR BR-R	23D 24D		34	
		RG RC	19 20		R-S S-R	25D 26D		35 10	
	CO PBX	T R	21 22		BK-BL BL-BK	ID 2D		36 11	
	STA	T R	23 24		BK-0 O-BK	3	D D	37 12	
Line 8		A	25 26	A	BK-G G-BK	5	D D	38 13	2
		LG L	27 28		BK-BR BR-BK	7 8	D D	39 14	
		RG RC	29 30		BK-S S-BK	9] 10		40 15	
	CO PBX	T R	31 32		Y-BL BL-Y	17E 18E		41 16	
	STA	T R	33 34		Y-0 O-Y	19 20		42 17	
Line 9		A A l	35 36		Y-G G-Y	211 221		43 18	
		LG L	37 38		Y-BR BR-Y	23 24		44 19	
		RG RC	39 40		Y-S S-Y	25 26		45 20	
	CO PBX	T R	41 42		V-BL BL-V	IE 2E		46 21	
	STA	T R	43 44		V - 0 O-V	31		47 22	
Line 10		A A l	45 46		V-G G-V	51	E	48 23	
		LG L	47 48		V-BR BR-V	7E 8E		49 24	
		RG RC	49 50		V-S S-V	9	E	50 25	

TABLE A (Cont)

CONNECTIONS TO DISTRIBUTION POINT AND/OR THE PANELS

CIRCUIT		LEAD	DISTRIBUTION POINT BLOCK C 66-TYPE CONNECTING BLOCK			TERMINAL ON PANEL			
		DESIG	ROW	COL	COLOR	583A	5S4A	584B (MD) 584C AND 584	
					G-W BINDER	(MD)	(MO)	PIN	CONNECTOR
	CO PBX	T R	1 2		W-BL BL-W		7 F 8 F	26 1	
Line 11	STA	T R	3 4		W - 0 O-W	19F 20F 21F 22F 23 F 24F		27 2	
		A	5 6		W-G G-W			28	
	5111	LG L	7 8		W-BR BR-W			29	
		RG	9		W-S	25	5F	30	
	CO	RC T	10		S-W R-BL	26F IF		31	-
	PBX	R T	12		BL-R R-O	4	e F	32	
Line		R A	14 15		O R R-G		8F 5F	33	
12	STA	LG	16 17		G-R R-BR		6F 7F	8 34	_
		T RG	18		BR-R R-S	8F 9F		35	_
	CO	RC T	20		S-R BK-BL	10F		10	
	PBX	R	22		BL-BK	17G 18G		11	
	STA	T R	23 24		BK-0 O-BK	19 20	G	37 12	
Line 13		A A l	25 26	F	BK-G G-BK	21G 22G		38 13	3
		LG L	27 28		BK-BR BR-BK	23G 24G		39 14	
		RG RC	29 30		BK-S S-BK	25G 26G		40 15	
	CO PBX	T R	31 32		Y-BL BL-Y	17H 18H		41 16	
	STA	T R	33 34		Y-0 O-Y	19H 20H		42 17	
Line 14		A	35 36		Y-G G-Y	21H 22H		43 18	
14		LG L	37 38		Y-BR BR-Y	23H 24H 25H		44 19	
		RG	39 40		Y-S S-Y			45 20	
	CO	RC T	41		V-BL	26H 1H		46	(NOTE)
	PBX	R T	42	\dashv	BL-V V-0	2H 3H		21 47	
Line 15		R A	44 45		O-V V-G	4H 5H		22 48	-
		A1 LG	46	\dashv	G-V V-BR	6H 7H		23 49	_
		L RG	48		BR-V V-S	8H 9H		24 50	
		RC	50		Š-V	10H		25	

Note: When using other than A65A connector cable with the 584B (MD). panel, these leads are spare and are dead-dressed long enough to reach any screw terminal and stored behind back panel.

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