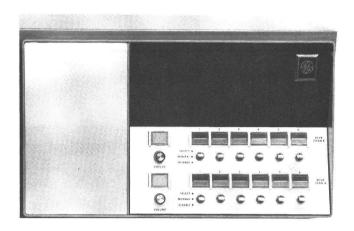
EC76A27 & 4EC76A28

# **MAINTENANCE MANUAL**

VOTING CONTROL PANEL MODELS 4EC76A27 & 4EC76A28 (OPTIONS 5246 thru 5255)



### SPECIFICATIONS \*

Used with

Receiver Voting Systems

Model Numbers

4EC76A27

Controls up to six satellite receivers on one RF Channel

4EC76A28

Controls up to 12 satellite receivers on two RF Channels

Input Power Voting Lights

Regulated +25 Volts DC from

Voting Selector

Mute Lights

+27 Volts DC from Monitor Panel

Temperature Range

 $-30^{\circ}$  to  $+60^{\circ}$  C  $(-22^{\circ}\text{F} \text{ to } +144^{\circ}\text{F})$ 

\*These specifications are intended primarily for the use of the serviceman. Refer to the appropriate Specification Sheet for the complete specifications.

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#### **OPTIONS**

Option #	Description	Model or PL Number			
5240	50-foot Control Cable	19A129013G1			
5241	100-foot Control Cable	19A129013G2			
5242	300-foot Control Cable	19A129013G3			
5246 thru 5251	Single-Channel Volting Control Console	4EC76A28			
5252 thru 5250	Two-Channel Voting Control Console	4EC76A29			

### -WARNING-

No one should be permitted to handle any portion of the equipment that is supplied with high voltage; or to connect any external apparatus to the units while the units are supplied with power. KEEP AWAY FROM LIVE CIRCUITS.

#### DESCRIPTION

General Electric Voting Control Panel Models 4EC76A27 and 4EC76A28 are used in the right turret section of a Command Control Center in receiver voting systems.

Control Panel Model 4EC76A27 provides control of up to six satellite receivers on one RF channel. Control Panel Model 4EC76A28 provides control of up to 12 satellite receivers on two RF Channels, with a maximum of six receivers per channel.

The panel mounts in a 19-inch drawertype chassis that can easily be removed from the turret for servicing. Connections from the Voting Selector are normally made through a control cable to terminal boards on the rear of the Voting Control Panel.

A functional diagram is provided to show connections between the Voting Control Panel and the Command Control Center (see Table of Contents).

#### **OPERATION**

Operating controls for each channel consist of six toggle switches, six two-section lights, a Volume control and mute switch.

#### TOGGLE SWITCHES

The three toggle switch positions are

marked SELECT, NORMAL and DISABLE.

Placing the toggle switches in the NORMAL position enables the Voting Selector so that the Selector "votes" on all incoming signals. Only the signal with the best audio quality is selected to be heard at the Voting Control Panel speaker.

Placing one of the switches in the SELECT position manually selects that receiver, and disables the Selector voting circuitry. One or more of the receivers can be selected at the same time.

Placing one of the switches in the DISABLE position removes that receiver from the voting process. One or more of the receivers can be rejected at a time. The receivers remain rejected until the switch is returned to the NORMAL position.

#### INDICATOR LIGHTS

The two-section indicator lights have a green lens in the top section, and an amber lens in the bottom section.

When one of the satellite receivers is selected, the green section of the light turns on. When any of the satellite receivers unsquelch, the yellow section of the light turns on. Normally, several of the yellow lights will be turned on during each call.

Placing the Local/Remote switch on the Selector Power Supply in the Remote position switches the voltage from the

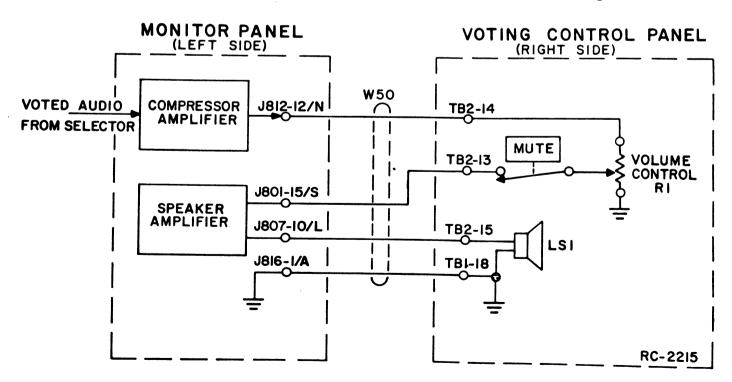


Figure 1 - Simplified Volume and Muting Circuit

Voting Selector lights to the Control Panel lights.

A regulated +25 Volts for operating the lights is supplied from the Voting Selector power supply.

#### VOLUME CONTROL & MUTE SWITCH

In receiver voting applications, the volume control and muting functions are transferred from the Monitor Panel to the Voting Control Panel.

#### Volume Control

Selected audio from the Compressor-Amplifier board is coupled through the arm of Volume control Rl and applied to the Speaker Amplifier board (see Figure 1).

The output of the Speaker-Amplifier drives loudspeaker LS1 on the Voting Control Panel.

#### Mute Switch

The Mute Switch permits the dispatcher to mute incoming calls during business discussions, telephone calls, etc.

Pressing the Mute Switch attenuates the audio path to the Speaker Amplifier so that low level audio is applied to the speaker. Pressing the switch also lights the Mute lamp. Operating voltage (+27 Volts) for the Mute lamps is supplied from the Monitor Panel.

#### FAILURE LIGHT ALARM CIRCUIT

The Failure Light Alarm Circuit consists of two separate solid-state switching circuits to turn on two sets of panel lights. These lights indicate a failure in the receiver voting for Channel A or for Channel B.

An external alarm such as a light or buzzer can be connected to the switched ground connection at TB1-16 for Channel A and TB3-16 for Channel B.

- NOTE -

The external alarm current should not exceed 150 mA or the switching transistors will be damaged.

When a failure occurs on Channel A of the receiver voting, a ground appears at J6. This turns off Q1 which turns on Q2 and applies a ground to J2. This completes the circuit to turn on the failure lamps DS53 and DS54 or grounds the external alarm connection TB1-16. Channel B operates in the same manner as Channel A.

A momentary ground at J5 or J6 will not cause either of the two alarm circuits to respond because of the delay circuit on the input of each alarm circuit.

#### MAINTENANCE

#### REMOVING CONTROL PANEL FROM TURRET

Remove the control panel from the console turret in the following manner:

- Grasp the control panel frame and pull the panel forward until the stop is reached.
- 2. To completely remove the panel from the turret, lift the panel to clear the stop and pull forward. No electrical disconnections are required to set the panel on the desk top.

#### INDICATOR LAMP REPLACEMENT

#### Replacing DS1-DS48

To replace defective lamps DS1 through DS48, lamp tool Microswitch 15PA32 (available from SERVICE PARTS as SPK-543) is required. Replace the lamps as follows:

- Grasp the lens and pull off to gain access to the indicator lamps.
- 2. Remove the defective indicator lamp by inserting the lamp tool into the socket until it is against the lamp base flange. Apply pressure and withdraw the lamp from the socket.
- To install a lamp, grip the glass bulb portion wit, the lamp tool and push the lamp into the socket.
- 4. Replace the lens.

#### Replacing DS49-DS52

Replace defective indicator lamps DS49 through DS52 as follows:

- Grasp the lens (nameplate) and pull forward to remove the indicator assembly and gain access to the indicator lamps.
- 2. Remove the defective indicator lamp from its socket by pressing on the bulb end, and install the new lamp.

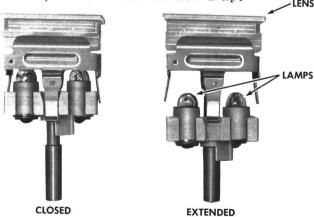


Figure 2 - Switch Indicator Assembly

MAINTENANCE LBI-4307

3. Reinstall the indicator assembly.
The assembly must be in the extended configuration shown in Figure 2 before it can be reinstalled in the panel.

#### **MODIFICATIONS**

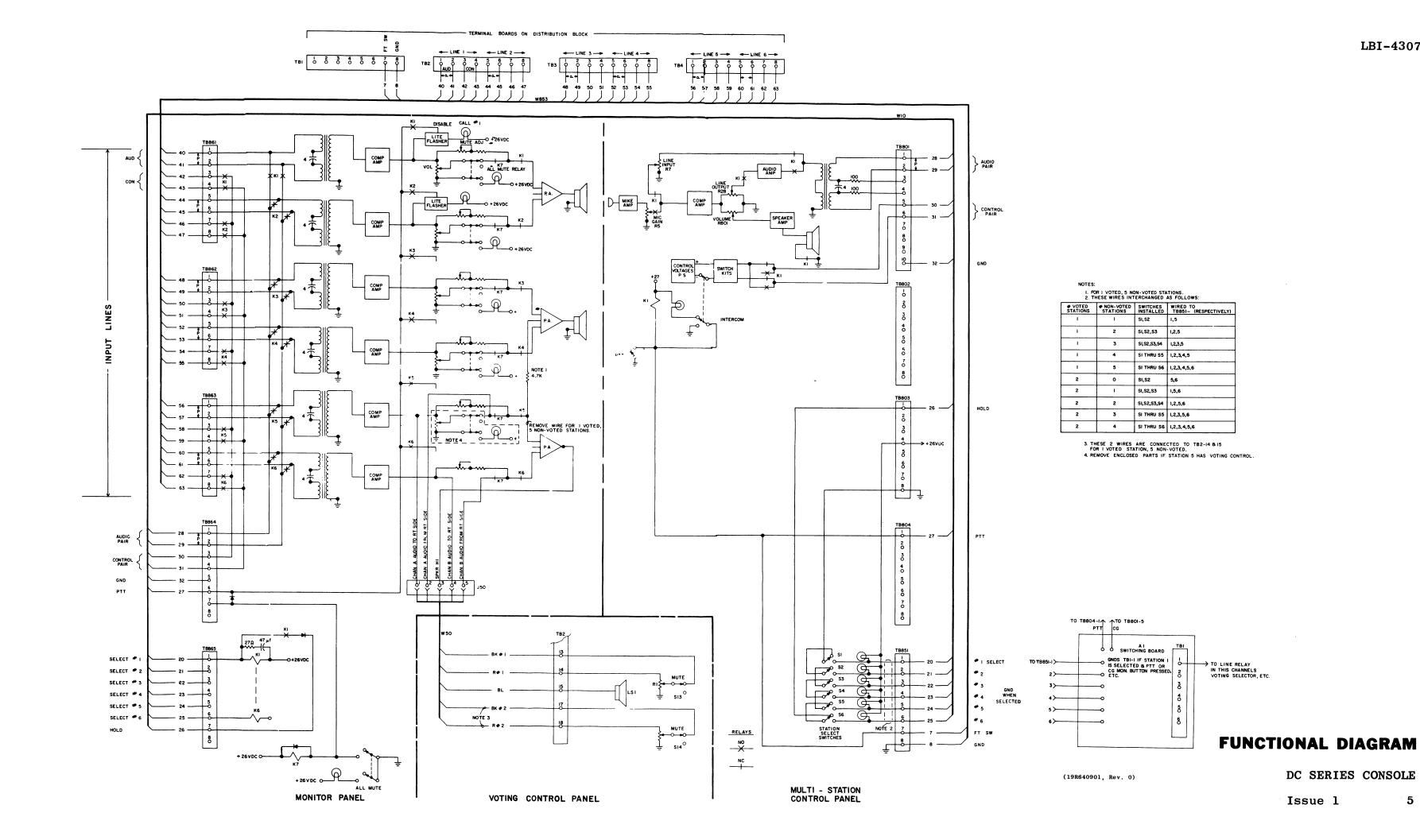
Both the Monitor Panel (left section) and the Multi-Station Control Panel (center section) must be modified for operation with the Voting Control Panel.

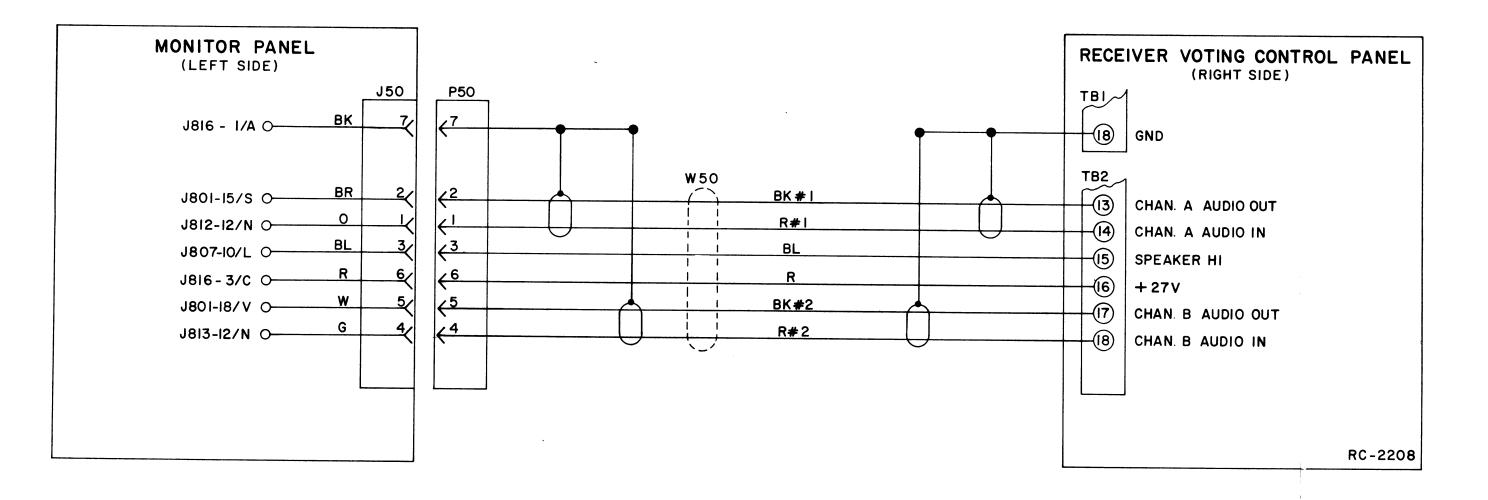
In the Monitor Panel, a socket plate assembly (J50) is installed to permit the audio and muting functions to be connected

to the Voting Control Panel through cable  $\mbox{W50}$ .

In the Multi-Station Control Panel, Switching Board Al (modification kit 19A129049Gl) is installed for switching the Voting Selector relay(s) from the receive to the transmit mode.

Also, wiring changes are required in both panels according to the number of stations and voting selectors in the system. Refer to the Modification Diagram as listed in the Table of Contents for the wiring changes.





### INTERCONNECTION DIAGRAM

VOTING CONTROL PANEL TO MONITOR PANEL

(19C317807, Rev. 3)

**—**О I

02 -03

-011

BL

SEE NOTE 2

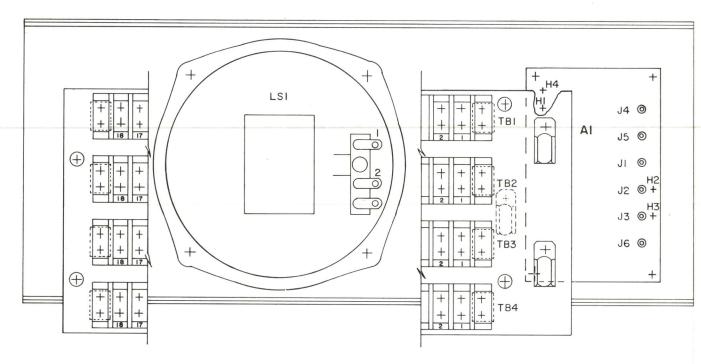
GND

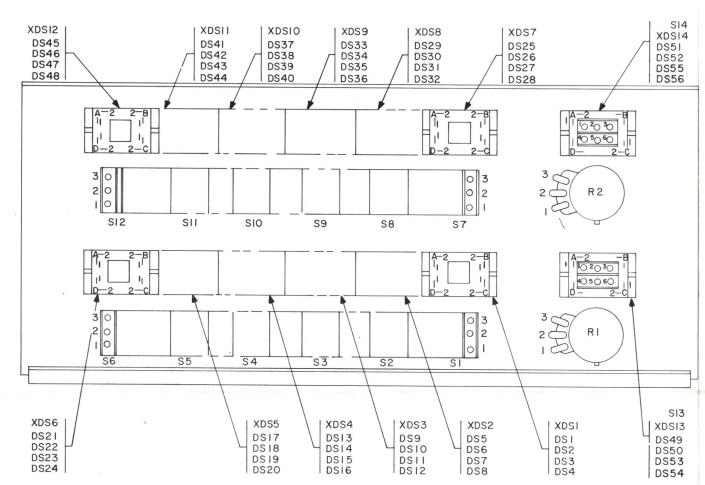
R.C.C. LIGHTS (+25 V)

SELECTOR TERMINATE WITH 19A116006PI

### INTERCONNECTION DIAGRAM

CONTROL CABLE





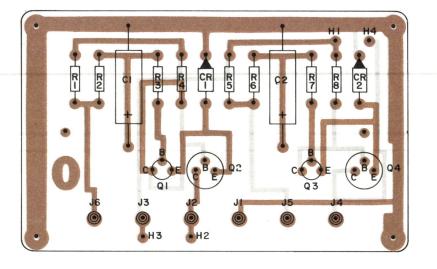
### **OUTLINE DIAGRAM**

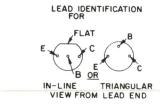
8

VOTING CONTROL PANEL AND FAILURE LIGHT ALARM CIRCUIT

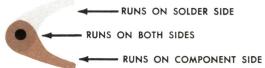
Issue 2

#### FAILURE LIGHT ALARM CIRCUIT



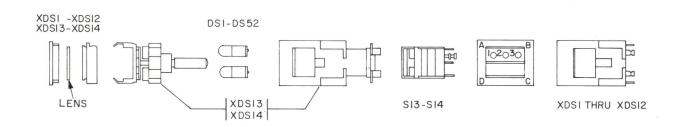


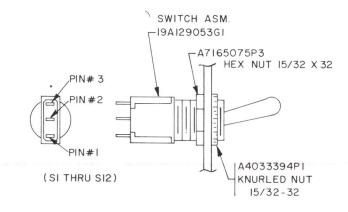
NOTE: LEAD ARRANGEMENT, AND NOT CASE SHAPE, IS DETERMINING FACTOR FOR LEAD IDENTIFICATION.



(19C321079, Rev. 0) (19C320670, Sh. 2, Rev. 0) (19C320670, Sh. 3, Rev. 0)

#### SWITCH ASSEMBLIES





(19D416644, Rev. 1)

#### PARTS LIST

VOTING CONTROL PANEL MODELS 4EC76A27, 28

LBI-4304B

SYMBOL	GE PART NO.	DESCRIPTION
Al*		FAILURE LIGHT ALARM BOARD 19C320682G1 (Added by REV A)
C1 and	19A115680P8	
C2		
CR1 and CR2	4037822P1	DIODES AND RECTIFIERS Silicon.
		JACKS AND RECEPTACLES
J1 thru J6	4033513P1	Contact, electrical: sim to Bead Chain L93-4.
<u>.</u>		TRANSISTORS
Q1	19A116774P1	Silicon, NPN; sim to Type 2N5210.
Q2 Q3	19A115300P3	Silicon, NPN; sim to Type 2N3053.
Q3 Q4	19A116774P1 19A115300P3	Silicon, NPN; sim to Type 2N5210. Silicon, NPN: sim to Type 2N3053.
41	1030UP3	Silicon, NPN; sim to Type 2N3053.
	0-1	RESISTORS
Rl thru R3	3R152P103J	Composition: 10,000 ohms ±5%, 1/4 w.
R4	3R152P242J	Composition: 2400 ohms ±5%, 1/4 w.
R5 thru R7	3R152P103J	Composition: 10,000 ohms ±5%, 1/4 w.
R8	3R152P242J	Composition: 2400 ohms ±5%, 1/4 w.
		GRILLE ASSEMBLY 19C317798G1
		LOUDSPEAKERS
LS1	5491260P7	Permanent magnet, 5-inch: 3.2 ohms ±10% voice coil imp, 15 w max operating, 385 Hz ±15% resonance, paper dust cap; sim to Jensen Model P5-VA.
		TERMINAL BOARDS
TB1 thru TB4	19C301086P11	Feed-thru, phen: 18 terminals; sim to GE CR151D.
		PANEL ASSEMBLY 19D413963G1 (4EC76A27) 19D413963G2 (4EC76A28)
		INDICATING DEVICES
DS1 thru DS52	19C307037P26	Lamp, incandescent: 28.0 v; sim to GE 387.
DS53* thru DS56*	19C307037P26	Lamp, incandescent: 28.0 v; sim to GE 387. Added by REV A.
		RESISTORS
R1 and R2	5496870P11	Variable, carbon film: 5000 ohms ±20%; sim to Mallory LC(5K).
S1	19A116648P1	Toggle: SPDT, 5 amp at 28 VDC or 115 VAC,
thru S12 S13	19C307029P11	2 amps at 250 VAC; sim to C and K Component  Push: lighted, 2 circuits, SPDT each, alternate
S13 and S14	VADPII	Push: lighted, 2 circuits, SPDT each, alternate action, 5 amps at 250 VAC; sim to Micro Switch 2D26.
	1	I

	SYMBOL	GE PART NO.	DESCRIPTION
			SOCKETS
	XDS1 thru XDS12	19C307029P8	Push: lighted, 4 sockets, short-side type; sim to Micro Switch Barrier Mounted Indicator Unit 2F3.
1	XDS13* and XDS14*	19C307029P9	Push: lighted, 2 sockets, short-side type with- out holding coil; sim to Micro Switch 2C3.
			Earlier than REV A.
$\frac{1}{1}$		19C307029P16	Push: lighted, 2 sockets, short-side type with- out holding coil; sim to Micro Switch 2C201.
1			MISCELLANEOUS
١		7142162P38	Spacer. (Located between plate and grille).
ı		7160508P2	Nut, sheet spring. (Used with TB1-TB4).
L		19A116170P1	Knob, push on. (Used with Rl and R2).
ı	1	19C311304P1	Dummy switch.
		19C307029P3	Retainer; sim to Micro Switch Barrier for mounting 2B10. (Used with XDS1-XDS14).
ı		NP270463	Nameplate. (Switch Panel).
l		NP249217P43	Nameplate. (MUTE). (Used with DS13 and DS14).
		NP249217P34	Nameplate. (RECNG). (Used with DS1-DS12).
		19C307029P14	Lens. Yellow-Green; sim to Micro Switch 2A56. (Used with DS1-DS12).
		19C307029P25	Lens: red/white; sim to Micro Switch 2A55. (Used with DS13 and DS14).
		4036555P1	Insulator, washer: nylon. (Used with Q2 and Q4).

### PRODUCTION CHANGES

Changes in the equipment to improve performance or to simplify circuits are identified by a "Revision Letter", which is stamped after the model number of the unit. The revision stamped on the unit includes all previous revisions. Refer to the Parts List for descriptions of parts affected by these revisions.

REV. A - To add a visual failure indication to the console. The Failure Light Alarm Circuit and lights were added to the console.

CHAN. A	TBI W-R LO	CHAN. B TB3
RX #1 SELECT	2 sı	RX #1 SELECT 1 0 2 S7
RX #1 REJECT	2 W	RX #1 REJECT 2 0 W.P.
RX #2 SELECT		S8
RX #2 REJECT	4 0   w	4 0 W-0 W
RX #3 SELECT	5 0 W-R 0 S3 (KJ2 J5)	5 0 W-R 0 S9
RX#3 REJECT	6 0 W-0 W R4	6 0 W-0 W
RX #4 SELECT	ا ا سموا ا ا سموا	7 0 W-R 0 SIO
RX #4 REJECT		8 0 W-0 W
RX #5 SELECT	9 0 W-R 0 ] 85	9 0 W-R O SII
RX #5 REJECT	10 0 W-O S5 IOK IOK IOK IOK IOK IOK	10 0 W-0 0
RX #6 SELECT		RX #6 SELECT II O W-R O SI2
RX #6 REJECT	12 0   W-O	RX #6 REJECT   12 O W-O S12
GND	13 O   BK	GND 13 O BK
+25 V REG	14 O R	+25 V REG   14 O R
FAILURE	15 O W-BL	FAILURE 15 O W-BL
150 MA EXTERNAL ALARM	w.c.n	ISO MA EXT. ALARM I6 O
130 MA EXTERNAL ALARM	17.0	17.9
(TO 11011) TOO 011151 1 000	ev ev	
(TO MONITOR PANEL) GRD	TD0 A2 W	CHAN. B TB4 XDS7 A2 W
CHAN.A RX #1 SELECTED	BL DSI ALW BI Q DSI B2 W	BL DS25 G X0S7 B2 W
RX #1 UNSQUELCHED	W-R DS3 CI W DI MOS4 D2 W	W-R DS27 CI W DI DS28 D2 W
RX #2 SELECTED	BL DSS ATW BL TUSS B2 W	AL DS29 ALW BL DS38 B2 W
RX #2 UNSQUELCHED	We Dist Gwo Green Distory	W-R DS3 CI W DI DS3 D2 W
	BL OST ALW BL OSSO BOW BL	BL DS33 GT OXDS9 B2 W
RX #3 SELECTED	05ii 🖳 n 08iis in n	
RX #3 UNSQUELCHED	XDS4 G QS4 BZ W DS53 D2 G QS54 BZ W	XDSIO AZ W SIO SIO BO W
RX #4 SELECTED	0815 G u D G 8854 D2 u	XDSIQ CZ W
RX #4 UNSQUELCHED	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	XDSII ST W BI S XDSII BZ W DS4I AST W BI S XDSII BZ W
RX #5 SELECTED	XDS5 G	XDSII GC2 W
RX #5 UNSQUELCHED	XDS6	▼ XDSI2 S W XDSI2 B2 W DS45 S W BI G XDSI2 B2 W
RX #6 SELECTED	11 O	XDSI2 GLECTED III XDSI2 GLECTE
RX #6 UNSQUELCHED	12 O 11 BK 6 AI BI B2	RX#6 UNSQUELCHED 12 O O O O O O O O O O O O O O O O O O
(AUD OUT (CHAN. A)		13 0
AUD IN (CHAN. A)	W-BK C L	140
MON. SPKR HI	15 O W-BK	15 0
(W50) +27V	16 O R	16 0
AUD OUT(CHAN. B)	]	17 0
AUD IN (CHAN.B)	R2 W-V R2 S14 2	18 0
	O XDS14 DS51 A2 W	
	xosia xosia y w n pss2 w	
	6 Al BI B2	

(19D413995, Rev. 4)

SERVICE PART SHOULD BE MADE ONLY WITH A COMPONENT HAVING THE SPECIFICATIONS SHOWN ON THE PARTS LIST FOR THAT PART.

IN ORDER TO RETAIN RATED EQUIPMENT PERFORMANCE, REPLACEMENT OF ANY

- I. ALL WIRES TO BE SF-24 EXCEPT PER NOTE 2.
- 2. ALL WHITE WIRES TO BE SN-22.
- 3. R2, SI4, XDSI4, S7 THRUSI2 & XDS7 THRU XDSI2 WILL NOT BE PRESENT ON SINGLE CHANNEL UNITS. 4. THE 19C3I156IG4 HARNESS INCLUDES WIRING FOR SINGLE CHANNEL UNITS AND THE 19C3I156IG5 HARNENSS INCLUDES WIRING FOR ONLY CHANNEL "B"

SEE APPLICABLE PRODUCTION CHANGE SHEETS IN INSTRUCTION BOOK SECTION DEALING WITH THIS UNIT, FOR DESCRIPTION OF CHANGES UNDER EACH REVISION LETTER

THIS ELEM DIAG APPLIES TO

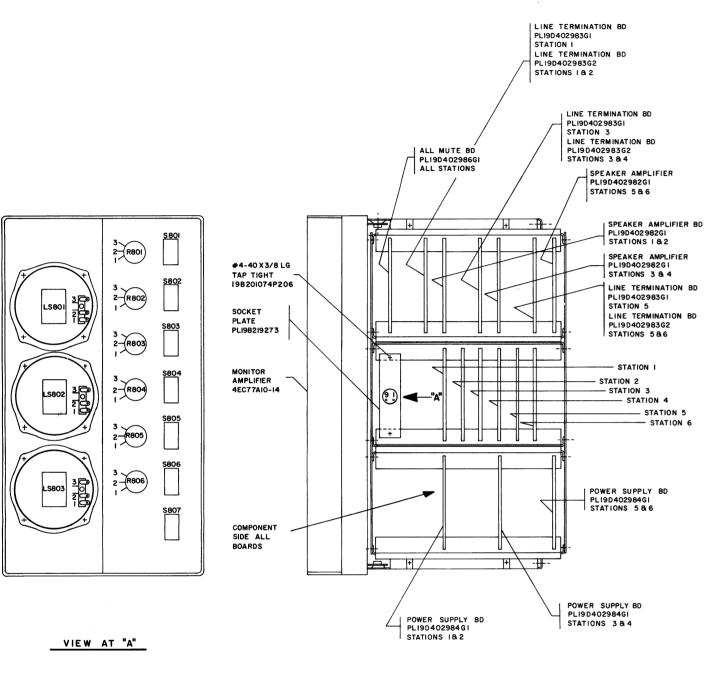
REV LETTER MODEL NO 4EC76A27 4EC76A28

## SCHEMATIC DIAGRAM

VOTING CONTROL PANEL

Issue 3

LBI-4307



TOP VIEW

BOTTOM VIEW

### **MODIFICATION DIAGRAM**

COMMAND CONTROL CENTER WITH VOTING CONTROL

10 Issue 2 THESE INSTALLATION INSTRUCTIONS COVER MODIFICATION OF COMMAND CONTROL CENTER FOR VCTING CONTROL

2. WIRE SOCKET PLATE (J50) PER TABLE #1 AND SPOT TIE TO WIRING. (SEE BOTTOM VIEW SH.2)

8. MODIFY CENTER DRAWER PER TABLE =6. (SEE BACKVIEW SH.I)

FOR 5 NON VOTED STATION AND I VOTED STATION CONTROL PERFORM THESE MODIFICATIONS.

A. UNSOLDER AND SLEEVE OR TAPE WIRE BETWEEN J807-7 H AND J806-16.

(SEE BOTTOM VIEW SHEET .2.)

SOLDER RSO (4.7 K RESISTOR) SUPPLIED WITH SOCKET PLATE KIT
PLI9A12902/61 BETWEEN J806 16-AND J805-6.

(SEE BOTTOM VIEW SHEET .2.)

C. WIRE CABLE WSO PLI9B21927561 SUPPLIED WITH SOCKET PLATE KIT
PLI9A12902761 PER TABLE .4. (SEE BACK VIEW SHEET -1.)

ASSEMBLE SOCKET PLATE KIT PLIGAT29027G1 WITH HARDWARE SUPPLIED IN KIT INTO CENTER POPTION OF LEFT SIDE DRAWER ASSEMBLY. (SEE TOP VIEW SH.2)

REMOVE = 10-32 SCREWS FROM SIDES OF LEFT DRAWER FRAME AND ALLOW FRONT PANEL TO LAY FLAT. REMOVE WIRING FROM STATIONS PER TABLE =3. SLEEVE OR TAPE LOOSE WIRES. (SEE VIEW A SH.2)

4. DISCONNECT WIRES FROM LS803 AND SLEEVE OR TAPE. (SEE VIEW A SH.2)

ASSEMBLE CABLE CLIPS A4032408P2 SUPPLIED WITH SOCKET PLATE KIT PLI9A129027G1 TO CABINET AS SHOWN. (SEE SH.I.)

7. ARRANGE COMPONENT BOARDS IN MONITOR DRAWER PER TABLE ≈5. (SEE TOP VIEW SH.2;

9. REASSEMBLE FROMT PLATE TO DRAWER FRAME.(LEFT SECTION)
(SEE SHEET <2.)

O THE COMBINATION NUMBER AND APPLICABLE OPTION NUMBER OF TERMINE
TO THE COMBINATION NUMBER AND APPLICABLE OPTION NUMBER OF TERMINE
MINUSER (EXDICATION)
THE TOTAL NUMBER OF STATIONS OF THE NUMBER OF NONVOTED STATIONS OF THE TOTAL MINUS THE NUMBER OF NONVOTED STATIONS OF THE TOTAL MINUS THE NUMBER OF STATIONS.

MONITOR PANEL

FROM	то	WIRE COLOR	REMARKS
SOCKET PLATI J50-I	J8I2-I2/N	N24-0	STATION "A" AUDIO TO CONTE DRAWER ASSEMBLY (RIGHT SECTION
J50-2	J80I-I5/S	N24-BR	STATION "A" AUDIO FROM CONT DRAWER ASSEMBLY (RIGHT SECTI
J50-3	J807-10/L	N24-BL	SPEAKER HIGH TO CONTROL DRAW ASSEMBLY (RIGHT SECTION)
J50-4	J813-12/N	N24-G	STATION "B" AUDIO TO CONTRO DRAWER ASSEMBLY (RIGHT SECTION
J50-5	J80I-I8/V	N24-W	STATION "B"AUDIO FROM CONTRO DRAWER ASSEMBLY(RIGHT SECTION
J50-6	J816-3/C	N24-R	8+
J50-7	J816-1/A	N24-BK	GROUND

VOTING CONTROL PANEL

FROM	ТО	WIRE COLOR	REMARKS
W50	TB2-I4	22-SJ-R-#I	STATION "A" AUDIO TO CONTROL DRAWER ASSEMBLY (RIGHT SECTION)
W50	TB2-13	22-SJ-BK-#I	STATION "A" AUDIO FROM CONTROL DRAWER ASSEMBLY(RIGHT SECTION)
W 50	TB2-15	N24-BL	SPEAKER HIGH TO CONTROL DRAWER ASSEMBLY (RIGHT SECTION)
W 50	TB2-18	22-SJ-R-#2	STATION "B" AUDIO TO CONTROL DRAWER ASSEMBLY (RIGHT SECTION)
<b>W</b> 50	TB2-17	22-SJ-BK-#2	STATION "B"AUDIO FROM CONTROL DRAWER ASSEMBLY(RIGHT SECTION)
W50	TB2-16	N24-R	B+
W50	TBI-18	22-SJ-SHIELD	GROUND

#### MONITOR PANEL

TABLE 3 (LEFT DRAY	VER)							
NUMBER OF VOTED STATIONS	NUMBER OF NON- VOTED STATIONS	REMOVE WIRFS FROM CONTROLS						
1	1	R802 & S802						
<b>*</b> 2	2	R803 & S803						
* I	3	R804 & \$804						
* I	4	R805 & S805						
* I	5	R806 & \$806						
2	0	R801 & R802 S801 & S802						
<b>*</b> 2	I	R802 & R803 8 882 & 8803						
<b>*</b> 2	2	R803 8 R804 S803 8 S804						
<b>*</b> 2	3	R804 & R805 \$804 & \$805						
<b>*</b> 2	4	R805 & R806 S805 & S806						
TE: * FOR FACTORY MODIFICATION DO NOT INSTALL CONTROLS WHICH WOULD BE DISCONNECTED PER THIS TABLE FOR FIELD MODIFICATION REMOVE WIRING FROM CONTROLS.								

FR	OM	TO	WIRE COLOR
WS	50	TB2-I5	N24-BL
W5	50	TB2-I4	22-SJ-R-#2
w5	50	TB2-I3	22-SJ-BK-#2
ws	50	TB2-16	N24-R
WS	50	TB1-18	22-SJ-SHLD

MONITOR PANEL TABLE 5 (LEFT DRAWER)

		DIVATE LIV																
		NUMBER OF NON VOTED STATIONS		CPI	NT.	RE SS BOA	RD		CF	NT	SUP. BD.	C	PNT.	AMPL. BD.		TERMIN	D.	ALL MUTE CPNT. BD.
1		l		2	- 3	4	5	6	1842	38	44 586	18.2	38.4	586	1842	384	586	
	ı	I	1				ı		1		I	1		ı	DUAL		SINGLE	ı
	1	2	1	1			ī		1		- 1	1		1	DUAL		SINGLE	- 1
	1	3	1		工				1	1	1	1			DUAL	DUAL	SINGLE	l .
	1	4	1	- 1	- 1	-1	1		1	1	- 1	1	1	I.	DUAL	DUAL	SINGLE	1
₩₩	I	5	1	1	ŀ	- 1	1	ı	1	1	1	1	1	1	DUAL	DUAL	DUAL	1
₩	2	0					1	1			1			1			DUAL	ı
	2	I	1				1	1	1		- 1	1		1	SINGLE	,	DUAL	1
	2	2	ī	1			ı		1		- 1	1		1	DUAL		DUAL	I
	2	3	ı	1	1		1	1	ı	1	1	ı	ı	1	DUAL	SINGLE	DUAL	ı
	2	4	ı	ı	ī	ı	i	1	1	1	I	1	1	ı	DUAL	DUAL	DUAL	1

TABLE 6 (CENTER DRAWER) MULTI-STATION CONTROL PANEL

NUMBER OF VOTED STATIONS	NUMBER OF NON- VOTED STATIONS	DISCONNECT WIRE FROM (CENTER DRAWER)	RECONNECT WIRE TO CENTER	CO!_OR
1	1	TB851-2	TB851-5	BL
1	2	TB851-3	TB851-5	BL
ı	3	T8851-4	BL	
1	4			
ı	5			
2	0	TB851-1 TB851-2	TB85I-5 TB85I-6	BL BL
2	I	TB851-2 TB851-3	TB851-5 TB851-6	BL BL
2 2		T8851-3 T8851-4	TB85I-5 TB85I-6	BL BL
2	3	T8851-4 T8851-5	TB85I-5 TB85I-6	BL BL
2	4			

#### **ORDERING SERVICE PARTS**

Each component appearing on the schematic diagram is identified by a symbol number, to simplify locating it in the parts list. Each component is listed by symbol number followed by description and GE Part Number.

Service parts may be obtained from Authorized GE Communication Equipment Service Stations or through any GE Radio Communication Equipment Sales Office. When ordering a part, be sure to give:

- GE Part Number for component
   Description of part
- 3. Model number of equipment
- 4. Revision letter stamped on unit

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operating or maintenance.

Should further information be desired, or should particular problems arise which are not covered sufficently for the purchaser's purposes, contact the nearest Radio Communication Equipment Sales Office of the General Electric Company.

LBI-4307

MOBILE RADIO DEPARTMENT
GENERAL ELECTRIC COMPANY ◆ LYNCHBURG, VIRGINIA 24502



DT-4000