

LESLIE CONSOLE CONNECTOR KIT 7700 INSTALLATION INSTRUCTIONS

FOR USE WITH: LESLIE Speaker Model 700

KIMBALL Organ Models 1300; 1700

MULTIPLE SPEAKER INSTALLATION: For complete information, consult the owner's manual of the LESLIE speaker to be added.

KIT CONTENTS:

1	067066	Console Connector
1	021600	9 Conductor Speaker Cable
1	053025	Oiler
1	067199	Installation Instruction
2	029132	Screws, #8 x 1/2"
4	028464	Insulated Staples

TO INSTALL:

1. Remove the Kimball back.
2. Mount console connector chassis to the front wall of the organ. (See Fig. 1.) Use the two cadmium plated screws provided.
3. Detach six pin plug from the Kimball amplifier. This is the connecting plug for the built-in LESLIE Tremolo Unit.
4. Insert six pin interceptor plug from console connector into six contact socket vacated in step 3. (See "A" on Fig. 1.)
5. Insert six pin Kimball plug into socket end of the six circuit interceptor. (See "B" on Fig. 1.)
6. Detach eight pin plug from Kimball amplifier. This is the connecting plug for the main speaker.
7. Insert eight pin interceptor plug from console connector into eight contact socket vacated in step 6. (See "C" on Fig. 1.)
8. Insert eight pin Kimball plug into socket end of the eight circuit interceptor. (See "D" on Fig. 1.)
9. Locate unattached 9 pin molex plug within amplifier section of the Kimball. Insert this plug into the SPEAKER SELECTOR socket in the console connector chassis. (See "E" on Fig. 1.)
10. Connect the speaker cable to the LESLIE SPEAKER socket on the console connector chassis and the 9 pin plug at rear of the Model 700 speaker.
11. Adjust Model 700 volume controls according to VOLUME ADJUSTMENT label on rear of speaker. Installation is complete.

MODEL 700 SPEAKER CONTROLS

All control functions of the LESLIE Model 700 speaker are performed by the Kimball console's built-in switches.

ON/OFF: Controlled by the SPEAKER SELECTOR switch on left side of Kimball console. Only Kimball speakers sound when this switch is in INTERNAL position. Kimball speakers and the Model 700 sound together when switch is in ENSEMBLE position. Only Model 700 sounds when switch is in EXTERNAL position.

TREMOLO

SPEED: Tremolo, chorale and off modes for Model 700 lower rotor are controlled by the INTERNAL LESLIE TREMOLO UNIT switch on left side of Kimball console. Remember, SPEAKER SELECTOR switch must be in ENSEMBLE or EXTERNAL position before the tremolo effects of the Model 700 may be heard.

TIBIA TABS: Sound through the rotary speaker within the Model 700.

FLUTE, WOODWIND,

& HORN TABS: Sound through stationary speakers within the Model 700.

CHORUS TAB: Mixes all outgoing organ signal. This mixed signal will sound through all Model 700 speakers.

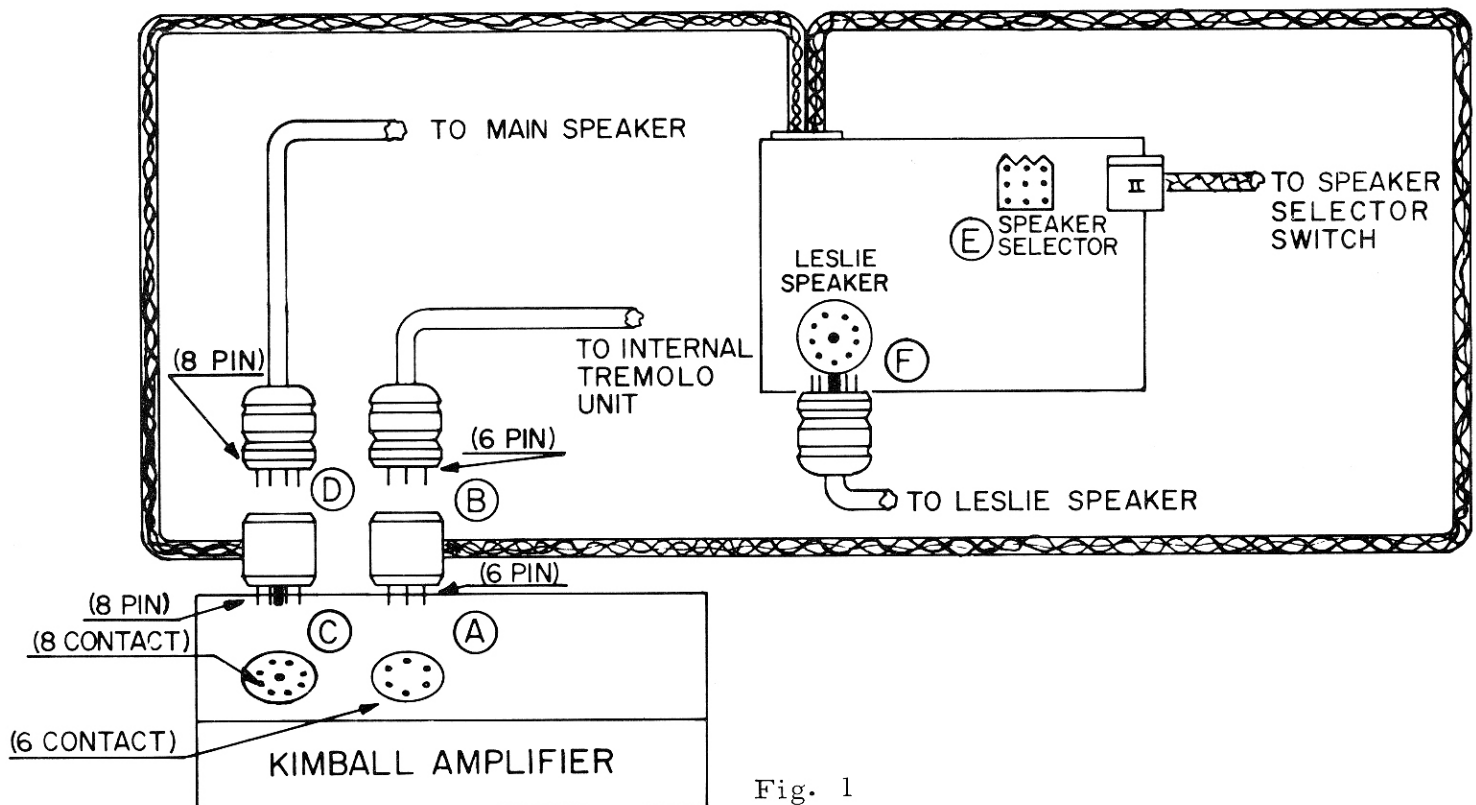
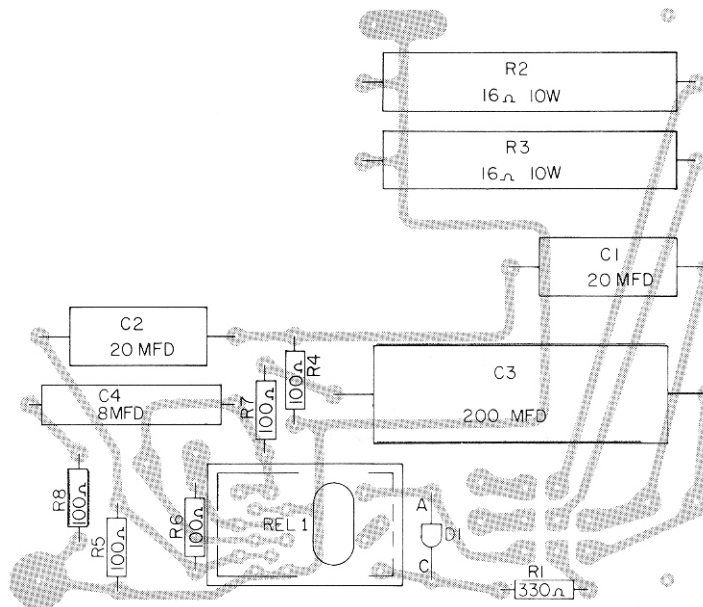


Fig. 1

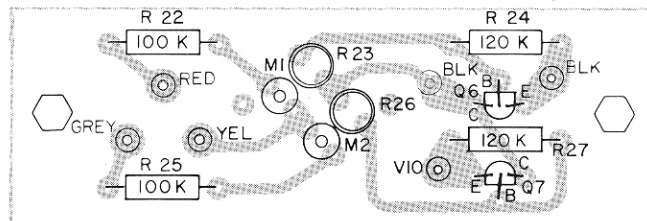
PARTS SIDE: 067090 CIRCUIT BOARD ASSEMBLY



PARTS LIST: 067090 CIRCUIT BOARD ASSEMBLY

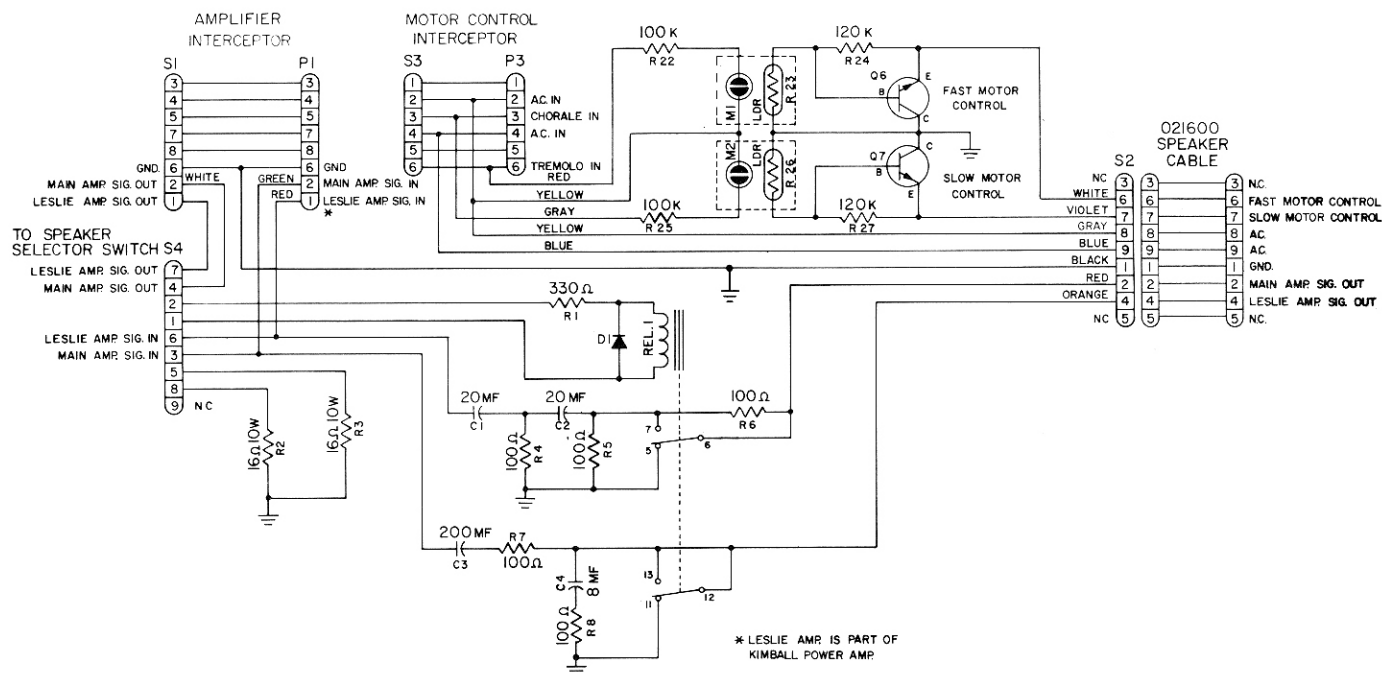
PART NO.	DESCRIPTION	EMI NO.
C1, C2	Capacitor, Non Polarized, 20 Mfd, 50V	057679
C3	Capacitor, Elect., 200 Mfd, 35V	027607
C4	Capacitor, Non Polarized, 8 Mfd, 50V	031112
D1	Rectifier, Silicon, 400 PIV, 1A	025056
R1	Resistor, 330 ohm, 1/2W, 10%	016493
R2,3	Resistor, 16 ohm, 10W, Wire Wound	029363
R4,5	Resistor, 100 ohm, 1/2W, 10%	028399
R6, 7, 8	Resistor, 100 ohm, 1/2W, 10%	028399
REL 1	Socket, Relay, 4 Pole	049577
REL 1	Relay, 4 Pole, Double Throw 12 VDC	049551

MOTOR CONTROL CIRCUIT BOARD 063818

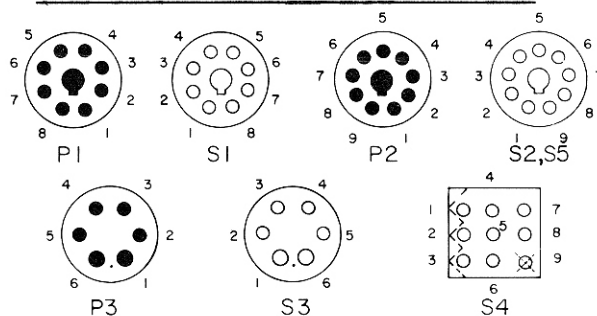


PARTS LIST: MOTOR CONTROL CIRCUIT BOARD ASSEMBLY 063818

PART NO.	DESCRIPTION	EMI NO.	PART NO.	DESCRIPTION	EMI NO.
R22 100K	Resistor	028498	R26	Light Dependent Resistor	030379
R23 LDR	Resistor	030379	R27	120K Resistor	027078
R24 120K	Resistor	027078	M1,2	#NE-2 Neon Glow Lamp	063958
R25 100K	Resistor	028498	Q6,7	MSPS 4382 NPN Transistor	026237



PLUGS & SOCKETS: 7700 KIT



(ALL PLUGS AND SOCKETS SHOWN FROM WIRE END)

PARTS LIST: 067066 CONSOLE CONNECTOR

067090	Circuit Board Assembly	067108	8 Circuit Interceptor
063818	Circuit Board Assy. - Motor Sensor	027854	P1 Plug, 8 Pin, Octal
		027847	S1 Socket, 8 Contact, Octal
067124	6 Ckt. Interceptor	029595	Interceptor Sleeve
061721	P3 Plug, 6 Pin w/o Mtg.	028811	Grommet, 9/16" x 3/8" x 1/4"
029546	S3 Socket, 6 Contact, w/o Mtg.	063826	Can Assy., M1, M2
029595	Interceptor Sleeve	049551	Relay, 4 Pole, Double Throw, 12
028811	Grommet, 9/16" x 3/8" x 1/4"	049593	Retainer Clip, REL 1-4 Pole Ty

ORDERING PARTS:

Standard hardware, connectors, and electronic components should be purchased locally. Non-standard items may be obtained through a LESLIE speaker dealer. Orders should include part numbers shown above.