

CONSOLE CONNECTOR KIT 7155 INSTALLATION INSTRUCTIONS
FOR USE WITH: LOWREY Organ Models CH-32, H1, H1R, H25, H25R, HR20, TSO-25
LESLIE Speaker Models 205, 610

KIT CONTENT

Console Connector Assembly	010736	Ensemble Control	
Cable Assembly, 9-conductor,		brown	010579
30-foot	021600	ebony	010587
Hardware Package	030510	ivory	010595
Screw, sheet metal,		Tremolo Control	
8 x 1/2, Phillips head (2)	029132	brown	010868
Screw, wood, 6 x 3/4,		ebony	010872
Phillips head (4)	032086	ivory	010884
Staple, insulated	028464	Oiler	053025

CAUTION: Due to the presence of electrical potential and the danger of moving mechanical parts, installation procedures or adjustments requiring work inside the LESLIE speaker cabinet or the organ console should be performed only by a service man authorized by the dealer or factory to perform such work.

INSTALLATION

CAUTION: DISCONNECT ORGAN POWER BEFORE PROCEEDING!

1. Mount the echo and tremolo control switches on the wooden rail in front of the lower manual, using the wood screws provided.
2. Route the control cables under the lower manual, through the keyboard shelf, and into the amplifier section of the console. If no opening is provided, drill a 1-inch-diameter hole in the keyboard shelf just under the lower manual.
3. Mount the console connector inside the console within reach of the adapter and control cables, using the wood screws provided.
4. Plug the echo and tremolo control cables into the proper sockets on the console connector.
5. Remove the cable from the yellow 9-contact socket on the organ amplifier and plug it into the adapter socket. (A, figure 1)
6. Insert the 9-pin adapter plug into the yellow 9-contact socket on the amplifier. (B)
7. Insert the 6-pin adapter plug into the socket marked EXT. LESLIE on the amplifier. (C)

8. H-1

- A. Connect the green adapter wire to the signal side of the 15-inch speaker. (D)

H-25

- A. Remove the blue wire from the signal side of the 15-inch speaker. Insulate with plastic tape.
- B. Connect the green adapter wire to the signal side of the 15-inch speaker. (D)

9. Connect the 9-conductor cable between the LESLIE speaker and the socket marked LESLIE SPKR on the console connector. The installation is now complete.

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 as listed.

PARTS LIST: 010736 CONSOLE CONNECTOR ASSEMBLY

Cable and Plug Assembly	033910
Plug, 6-pin	061721
Socket, 9-contact (S3)	061713
Socket, 5-contact (S2)	029652
Socket, 2-contact (S5)	029298
Contact, tab, female	029389
Fuse Holder	055178
Fuse, 5-amp	029280
Grommet 013235 Screw, machine, 6-32 x 5/8	
Phillips head (1)	028001
Screw, sheet metal, 12 x 3/8	
Phillips head (2)	029314
Washer, lock, 6 x 9/16 x .025	026898

PARTS LIST: ENSEMBLE CONTROL

Switch Case		Switch, Cable, & Plug Assembly	062000
brown	103810		
ebony	103820	Switch Retainer (2)	048116
ivory	103830		
Case Cover		Screw, thread-cutting,	
brown	048702	6 x 3/8 (2)	029140
ebony	048710		
ivory	048728	Label,	
Switch Knob		INTERNAL/ENSEMBLE/EXTERNAL	103680
brown	048066		
ebony	048074	Cork, adhesive	029157

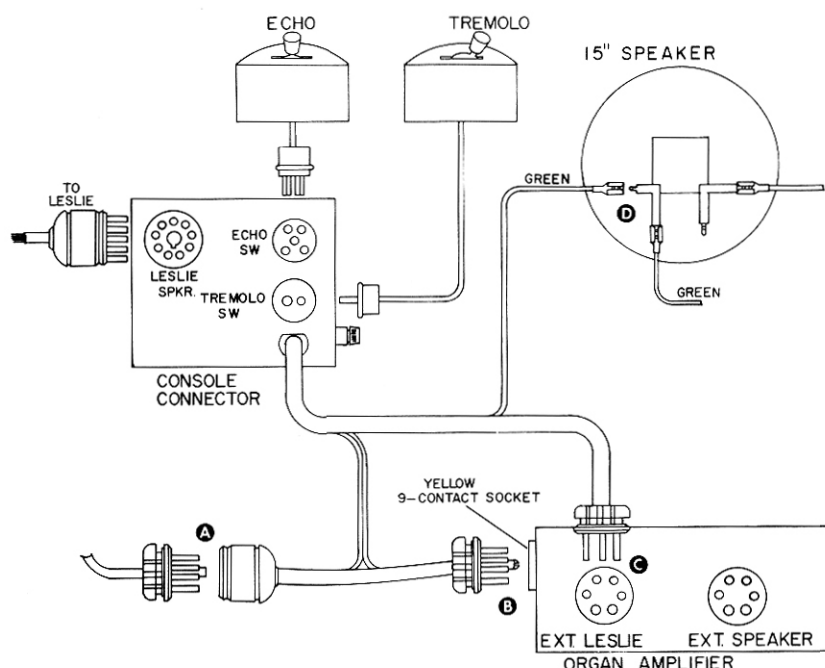


Figure 1. Interconnections

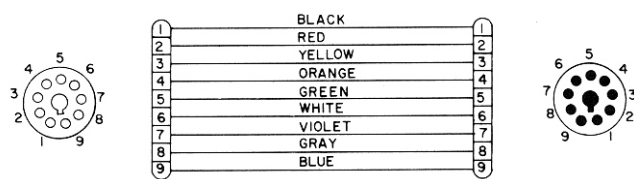


Figure 2. Schematic, 021600 Cable Assembly (Plug and Socket Shown from Wire End)

PARTS LIST: TREMOLO CONTROL

Switch Case		Switch, Cable, & Plug Assembly	061994
brown	103810		
ebony	103820	Switch Retainer (2)	048744
ivory	103830		
Case Cover		Screw, thread-cutting,	
brown	048702	6 x 3/8 (2)	029140
ebony	048710		
ivory	048728	Label, CHORALE/TREMOLO	103640
Switch Knob			
brown	048066	Cork, adhesive	029157
ebony	048074		

MULTIPLE SPEAKER INSTALLATION

For complete information see the service manual for the LESLIE speaker to be added.

PARTS LIST: 021600 CABLE ASSY

Plug Assembly, 9-pin	061879
Socket, 9-contact	028837
Cap, body	022046
Clamp, cut	022079
Screw, machine, 6-32 x 3/8	027979

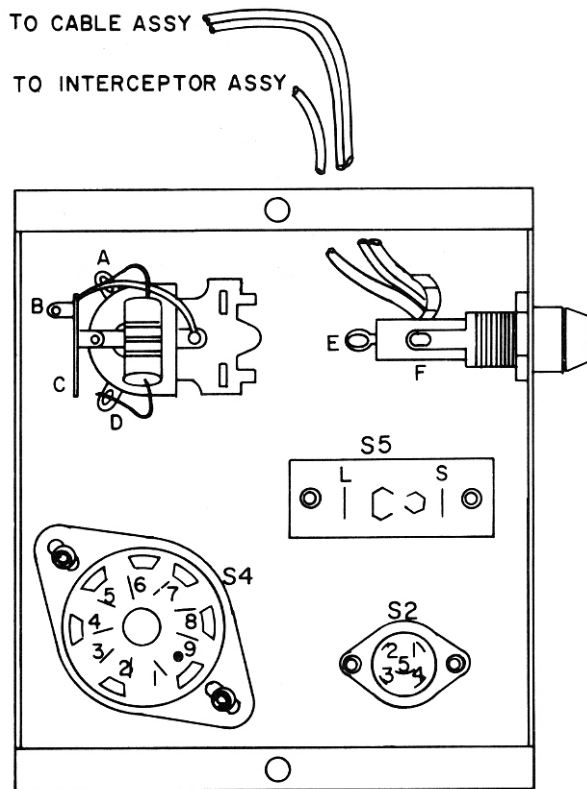


Figure 3. Console Connector Wiring Locations

FROM	COLOR	TO
point A	yellow	cable assy
point B	black	point L
point C	white	S4, pin 6
point D	brown	cable assy
S4, pin 1	black	point L
S4, pin 3	red	cable assy
S4, pin 4	green	end free
S4, pin 5	white	S2, pin 2
S4, pin 6	white	point C
S4, pin 7	violet	point S
S4, pin 8	gray	cable assy
S4, pin 9	blue	point F
S2, pin 1	violet	interceptor assy
S2, pin 5	orange	interceptor assy
point E	blue	cable assy
point F	blue	S4, pin 9

SWITCH POSITION CHART

SPEAKERS	1	2	3	4	5	6	A	B
MAIN IN CONSOLE TIBIA IN CONSOLE		LESLIE	MAIN	ON	OFF	INT		
TIBIA 205 - TREMOLO ON MAIN 205 - TREMOLO ON		LESLIE	MAIN	ON	OFF	EXT	EXT	TREMOLO
TIBIA 205 - TREMOLO OFF MAIN 205 - TREMOLO CHORALE		LESLIE	MAIN	OFF	OFF	EXT	EXT	CHORALE
MAIN IN 205 LOWER ROTOR		MAIN	LESLIE	ON	OFF	EXT		
TIBIA to MAIN IN LOWER ROTOR		MAIN	MAIN	OFF	OFF	INT	EXT	TREMOLO
TIBIA & MAIN IN LOWER ROTOR		LESLIE	LESLIE	ON	OFF	EXT	EXT	TREMOLO
MAIN CHORUS IN CONSOLE		MAIN	MAIN	OFF	ON	INT	INT	
MAIN & TIBIA IN UPPER & LOWER ROTOR	ADD	LESLIE	LESLIE	ON	OFF	EXT	EXT	TREMOLO

1	2	3	4	5	6
ADD MAIN TO LESLIE	MAIN TIBIA LESLIE	MAIN REED STRING DIAP'H LESLIE	OFF LESLIE TREM ON	OFF MAIN CHORUS REVERB ON	INT LESLIE EXT

