

LESLIE 7412 CONSOLE CONNECTOR KIT
INSTALLATION INSTRUCTIONS

For Use With: LOWREY Models: CH-32, HR-20, H1, H25, H25R, H-1R, TSO-25
LESLIE Speakers 102, 103

MULTIPLE SPEAKER INSTALLATION: If more than two speakers are to be used in conjunction with this connector, see the service manual of the specific LESLIE Speaker to be added for complete information.

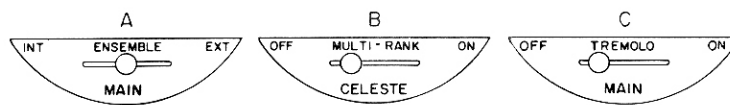
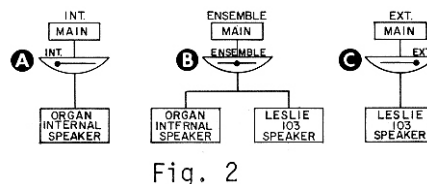
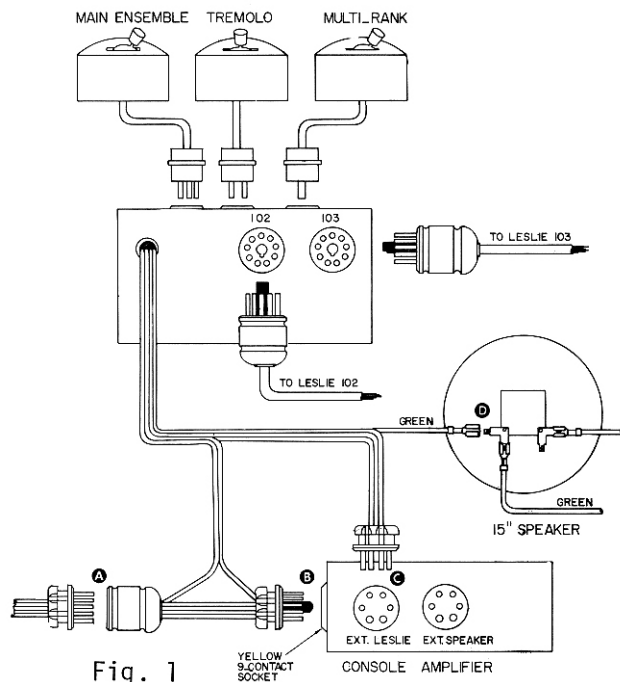
CONTENTS OF KIT:

1	Console Connector	060418	1	Multi-Rank Control
2	9 Conductor Cables	021600		brown 010546
1	Instructions	037366		ebony 010553
10	Insulated Staples	028464		ivory 010561
1	Oiler	053025		
7	Screws, 6 x 3/4	032086	1	Tremolo Control
2	Screws, 8 x 1/2	029132		brown 029553
				ebony 029561
				ivory 029579
			1	Main Ensemble Control
				brown 010579
				ebony 010587
				ivory 010595

TO INSTALL THE KIT:

1. Mount the Main Ensemble, Tremolo and Multi-Rank control switches to 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 7/8" hole in the keyboard shelf just under the lower manual.
3. Mount the console connector chassis inside the console within reach of the adapter and control cables, using the wood screws provided.
4. Plug the Main Ensemble, Tremolo, and Multi-Rank control cables into the proper sockets on the connector chassis.
5. Remove the cable from the YELLOW 9-contact socket on the side of the console amplifier and plug it into the interceptor socket. (See "A" on Fig. 1). The 9-contact socket is located on top of a LOWREY tube amplifier chassis.
6. Insert the interceptor plug into the YELLOW 9-contact socket on the side of the console amplifier. (See "B" on Fig. 1).

7. Insert the 6-pin adapter plug into the "EXT. LESLIE" socket on the console amplifier.
(See "C" on Fig. 1). "EXT. LESLIE" and "EXT. SPEAKER" sockets are reverse of Fig. 1 on LOWREY solid state amplifiers.
 8. Connect the GREEN adapter wire to the "SIGNAL" terminal on the 15" speaker. (See "D" on Fig. 1).
- NOTE: On some models the "Signal" terminal on the 15" speaker may have a BLUE and a GREEN wire connected. If this is the case, remove the BLUE wire and insulate with plastic tape.
9. Plug the Leslie 102 Speaker cable into the socket marked "102" on the connector chassis.
 10. Plug the Leslie 103 Speaker cable into the socket marked "103" on the connector chassis.
 11. Adjust the volume as outlined on the Speaker Back Card. The installation is now complete.



CONSOLE CONNECTOR CONTROLS:

MAIN ENSEMBLE CONTROL

The Main Ensemble Control pictured above enables the organist to channel signal from the Console Main into the internal organ speaker, external Leslie Speaker 103, or both as follows:

INT Position: Console Main signal to internal organ speaker only. (See Fig. 2A).

ENSEMBLE Position: Console Main signal to internal organ speaker and external Leslie Speaker 103. (See Fig. 2B).

EXT. Position: Console Main signal to External Leslie Speaker 103 only. (See Fig. 2C).

MULTI-RANK CONTROL: Controls Celeste to Leslie 103 Speaker.

OFF Position: No Celeste.

ON Position: Celeste switched "ON" to Leslie 103's rotating upper Rotosonic Drum.

TREMOLO CONTROL: Controls Tremolo to Leslie 103 Speaker.

OFF Position: No Tremolo. Sound to Leslie 103 stationary speakers.

ON Position: Sound to Leslie 103's lower Rotosonic Drum.

LESLIE 102 SPEAKER CONTROLS: The Leslie 102 Speaker is controlled by organ control tabs.

PARTS LIST

CONSOLE CONNECTOR

Chassis	027136	S5	029298
Circuit Assy	037432	S6	021220
T1	022244	S7	029652
Rel 1	027649	D1, D2	021154
Grommet	013235	C1, C2	028324
Fuseholder	055178	R1	021592
Fuse	029280	R2	018051
P1	061721	R3	021261
P2	024653	R4	021253
S2	028837		
S2 Cap	013136		
S3, S4	061713		

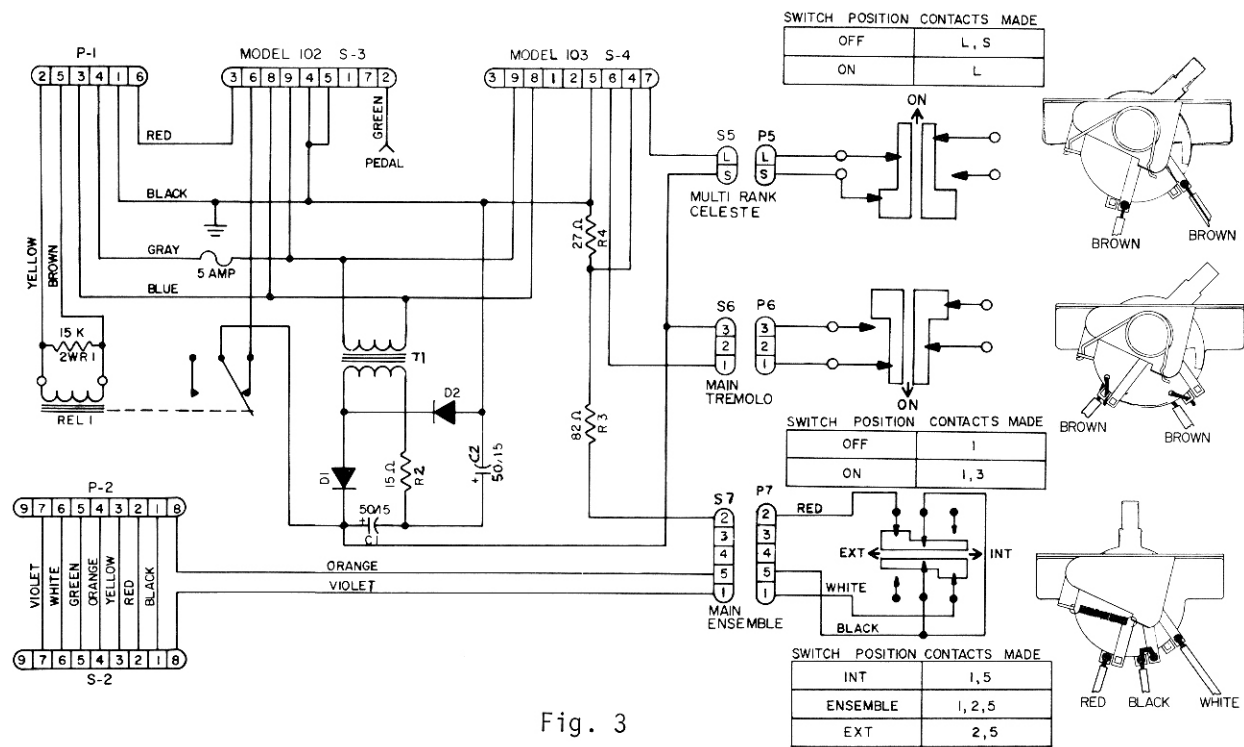


Fig. 3

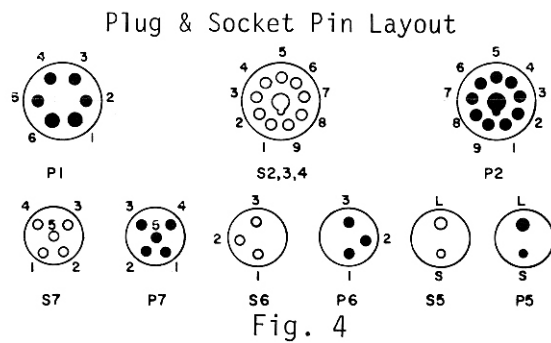


Fig. 4