

CONSOLE CONNECTOR KIT 7233 INSTALLATION INSTRUCTIONS

FOR USE WITH: WURLITZER Organ Model 555
LESLIE Speaker Models 700, 710

KIT CONTENT

Console Connector Assembly	135070	Hardware Package	135230
Cable Assembly, 9-conductor, 30-foot	021600	Screw, wood, 6 x 1/2, Phillips head (2)	029124
Echo Control brown	129830	Screw, sheet metal, 8 x 1/2, Phillips head (2)	029132
ebony	129840	Staple, insulated (6)	028464
ivory	129850	Plug, 3-way, 117V	029611
Oiler	053025	Wire Nut, white (4)	028076

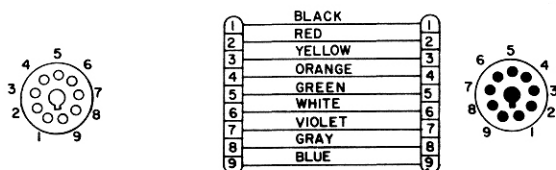
CAUTION: Due to the presence of electrical potential and the danger of moving mechanical parts, installation procedures or adjustments requiring work inside the LESLIE speaker cabinet or the organ console should be performed only by a service man authorized by the dealer or factory to perform such work.

INSTALLATION

CAUTION: DISCONNECT ORGAN POWER BEFORE PROCEEDING!

1. Fasten the echo switch under the keyboard shelf, left or right, as the organist prefers. Wood screws are provided.
2. Remove the back of the organ.
3. Remove the top from the organ by pulling forward to release it from the clips.
4. Remove the two screws that hold the top manual to the support posts; raise the manual.
5. Raise the lower manual.
6. Route the echo switch control cable through the hole under the plate for the earphone jack and into the interior of the organ, toward the treble side.
7. Mount the console connector inside the organ, at the left (viewing the organ from the back) on the wooden partition at the lower corner (see figure). The fuse and wires should be toward you.
8. Remove the two screws at the left side of the terminal board at the left side of the organ, to gain access to the speaker connections.

9. Cut the signal lead to the 10-inch speaker (the wire to the yellow-dotted terminal), leaving a workable length of wire on each side of the cut.
10. Connect the blue wire from the console connector to the wire leading to the speaker.
11. Connect the yellow wire from the console connector to the other part of the signal lead.
12. Cut the signal lead to the 12-inch speaker (the wire to the red-dotted terminal), leaving a workable length of wire on each side of the cut.
13. Connect the white wire from the console connector to the wire leading to the speaker.
14. Connect the green wire from the console connector to the other part of the signal lead.
15. Close and fasten the terminal board.
16. Connect the AC plug to the socket on the power supply, upper left, using the 3-way plug if necessary.
17. Locate the LESLIE ROTOR socket (9-contact) on the socket strip at the center divider. Remove the plug; attach the plug to the socket of the interceptor from the console connector.
18. Attach the plug of the interceptor to the socket on the strip.
19. Connect the plug of the echo control to the ECHO SW socket on the console connector.
20. Connect the cable assembly between the model 700 or 710 LESLIE speaker and the LESLIE SPKR socket on the console connector.
21. Replace and fasten the organ manuals.
22. Replace the top and back.



(Plug and Socket Viewed from Wire End)

PARTS LIST: ECHO CONTROL

Switch Case		Switch, Cable, & Plug	
brown	106210	Assembly	101460
ebony	106220	Switch Retainer (2)	048116
ivory	106230	Screw, thread-cutting,	
Case Cover		6-32 x 3/8 (2)	029140
brown	048702	Block, switch mounting	129860
ebony	048710	Screw, sheet metal,	
ivory	048728	8 x 1 (2)	025601
Switch Knob		Bracket, block mounting	024448
brown	048066	Screw, machine,	
ebony	048074	6-32 x 5/16 (2)	024463
Cork, adhesive	024422	Nut, hex,	
Label, MAIN/ENSEMBLE/ECHO	103670	6-32 x 1/4 x 3/32 (2)	039701

FROM	COLOR	TO
S3 pin 1	red	*TS, point A
pin 2	violet	TS, point D
pin 3	green	end free
pin 4	yellow	end free
pin 5	orange	S1 contact 3
pin 6	white	end free
pin 7	red	P4 contact 3
pin 8	orange	TS, point F
pin 9	blue	end free
S2 pin 1	black	TS, point C
pin 2	R1	TS, point A
pin 2	R4	TS, point C
pin 4	R5	TS, point C
pin 4	R2	TS, point D
pin 4	R3	TS, point F
pin 6	white	S1 & P4 contact 6
pin 7	violet	S1 & P4 contact 5
pin 8	gray	fuse holder, B
pin 9	brown ribbed	AC
AC plug	brown	fuse holder, A

*TS - terminal strip

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: 135070 CONSOLE CONNECTOR ASSEMBLY

Interceptor Assembly, 9-circuit	135240
Housing, plug, 9-circuit, Mini-Molex, natural (white)	101290
Housing, socket, 9-circuit, Mini-Molex, natural (white)	101280
Contact, insert, male	065599
Contact, insert, female	065581
Cable Assembly with Plug, 117v, 48-inch, brown (AC)	019935
Socket, 9-contact (S2)	061713
Housing, socket, 9-circuit, Mini-Molex, natural (white) (S3)	101280
Contact, insert, female	065581
Connector, tab, female	029389
Fuse Holder, Buss HKP	055178
Fuse, 5-amp, 250V	029280
Resistor, wire-wound, 32-ohm, 10W, 10% (R1, R2, R3)	029769
Resistor, 8.2-ohm, 1W, 10% (R4, R5)	010124
Terminal Strip, 4-lug	063529
Bushing, strain relief	037986
Screw, sheet metal, 6 x 1/4, hex washer head	026666
Screw, sheet metal, 12 x 3.8, Phillips head	029314
Washer, lock, 6 x 9/32 x .018	028993
Trimount Stud	012690

PARTS LIST: 021600 CABLE ASSEMBLY

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

MULTIPLE SPEAKER INSTALLATION

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

