

CONSOLE CONNECTOR KIT 7967 INSTALLATION INSTRUCTIONS
FOR USE WITH: YAMAHA Organ Models E3, E5
LESLIE Speaker Model 700

KIT CONTENT

Console Connector Assembly	107380	Echo Control	
Hardware Package	038596	brown	019588
Screw, wood, 6 x 3/4,		ebony	019596
Phillips head (4)	032086	ivory	019604
Screw, sheet metal, 8 x 1/2,		Cable Assembly,	
Phillips head (2)	029132	9-conductor, 30-foot	021600
Staple, insulated (8)	028464	Oiler	053025

INSTALLATION

CAUTION: DISCONNECT ORGAN POWER BEFORE PROCEEDING!

1. Remove front and back panels from the organ.

Echo Control; Console Connector Chassis Installation

2. Unscrew the four phillips screws fastening the Yamaha tone cabinet connector plate to the organ. Swing this plate around with its wires intact. Mount plate to the right of where it was originally mounted, with the sockets facing the front of the organ. (See A on Fig. 1.)
3. Install console connector chassis in the area just vacated, with the fuse facing upward and the LESLIE SPEAKER socket accessible through the hole in the lower organ back panel. (See B on Fig. 1.) Fasten console connector in place with two sheet metal screws from the hardware package.
4. Install the LESLIE echo switch beneath the keyboard. Use the two black oxide wood screws provided in the hardware package.
5. Route the echo control's cable to rear of organ through the amplifier compartment. Connect echo control plug to the ECHO socket on the console connector chassis. (See C on Fig. 1.)
6. Using staples from the hardware package, staple the echo control cable to the right inner wall of the organ.

Motor Control Interception

7. Insert the octal plug into either of the vacant octal sockets on the Yamaha tone cabinet connector plate. (See D on Fig. 1.)

Organ Signal Interception:

8. Locate the console connector interceptor marked NON-TREMOLO. Detach plug from the OUTPUT socket on the NON-TREMOLO amplifier. (Amp nearest the right hand end of the organ, as seen from organ's front.) Insert the NON-TREMOLO interceptor into the vacated OUTPUT socket. Finally, insert the OUTPUT plug into the NON-TREMOLO interceptor socket. (See E on Fig. 2.)

9. Locate the console connector interceptor marked TREMOLO. Detach plug from the OUTPUT socket on the TREMOLO amplifier. (This is the amplifier nearest center of organ.) Insert the TREMOLO interceptor into the vacated socket. Finally, insert the OUTPUT plug into the TREMOLO interceptor socket. (See F on Fig. 2.)

AC Power Interception:

10. Locate the interceptor which has a 3 circuit plug and socket. At the organ's rear, disconnect the cables supplying AC power from the NON-TREMOLO to the tremolo amplifier. (See G on Fig. 1.)

11. Connect plug end of the console connector's AC interceptor to the power cable socket. (See G on Fig. 1.)

12. Connect socket end of the console connector's AC interceptor to the power cable plug. (See G on Fig. 1.)

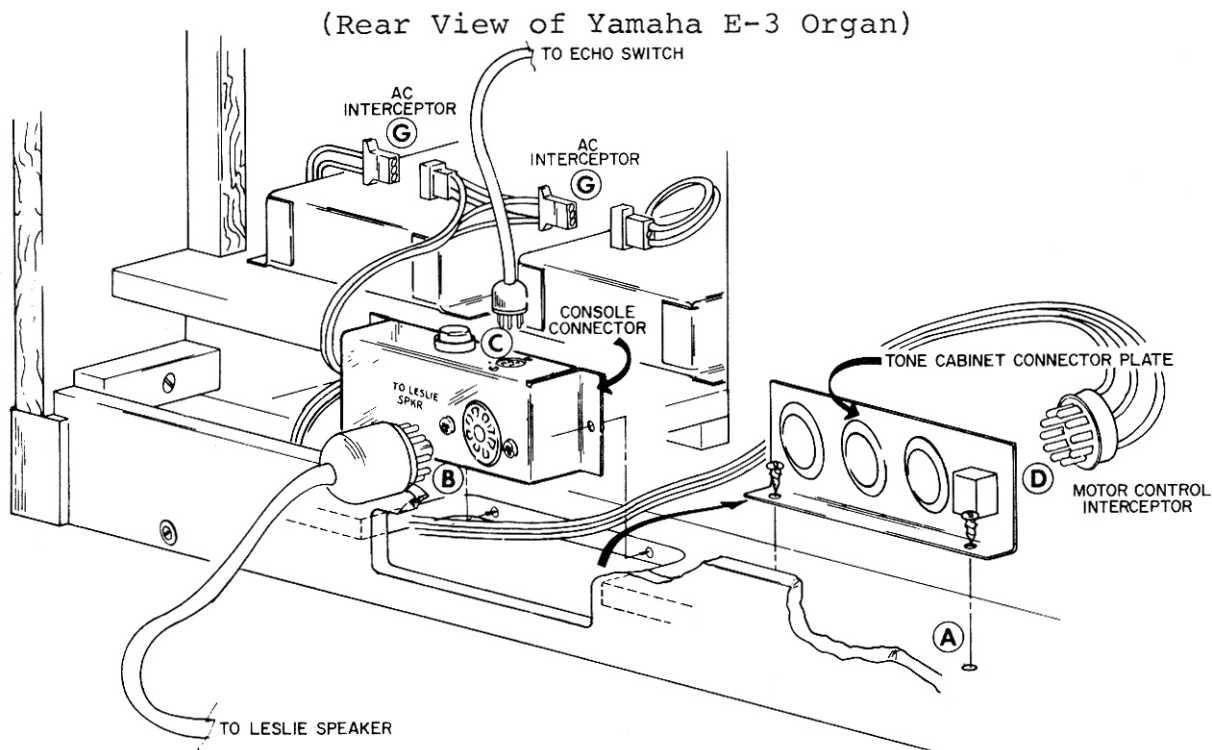


Fig. 1

Volume Control Adjustment; Speaker Cable Connection:

13. Adjust speaker volume as outlined in the LESLIE Owner's Manual. Connect speaker cable to the LESLIE SPEAKER socket on the console connector and the power supply plug at the rear of the Model 700. (See H on Fig. 1.) Replace the back and front panels of the Yamaha organ. Installation is complete.

(Front View of Yamaha E-3 Organ)

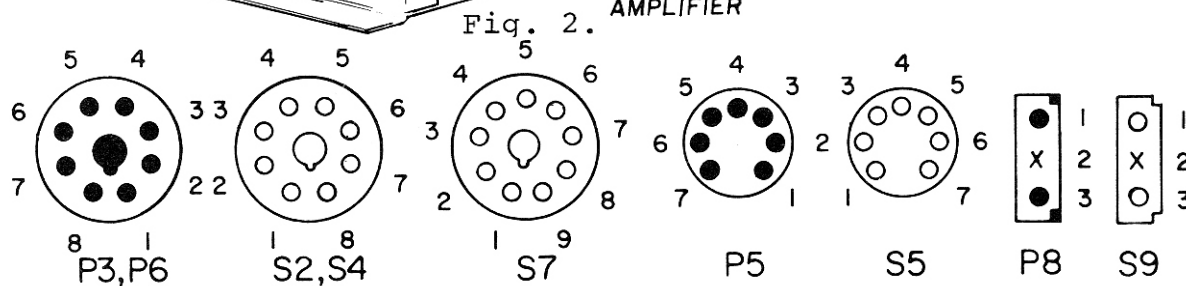
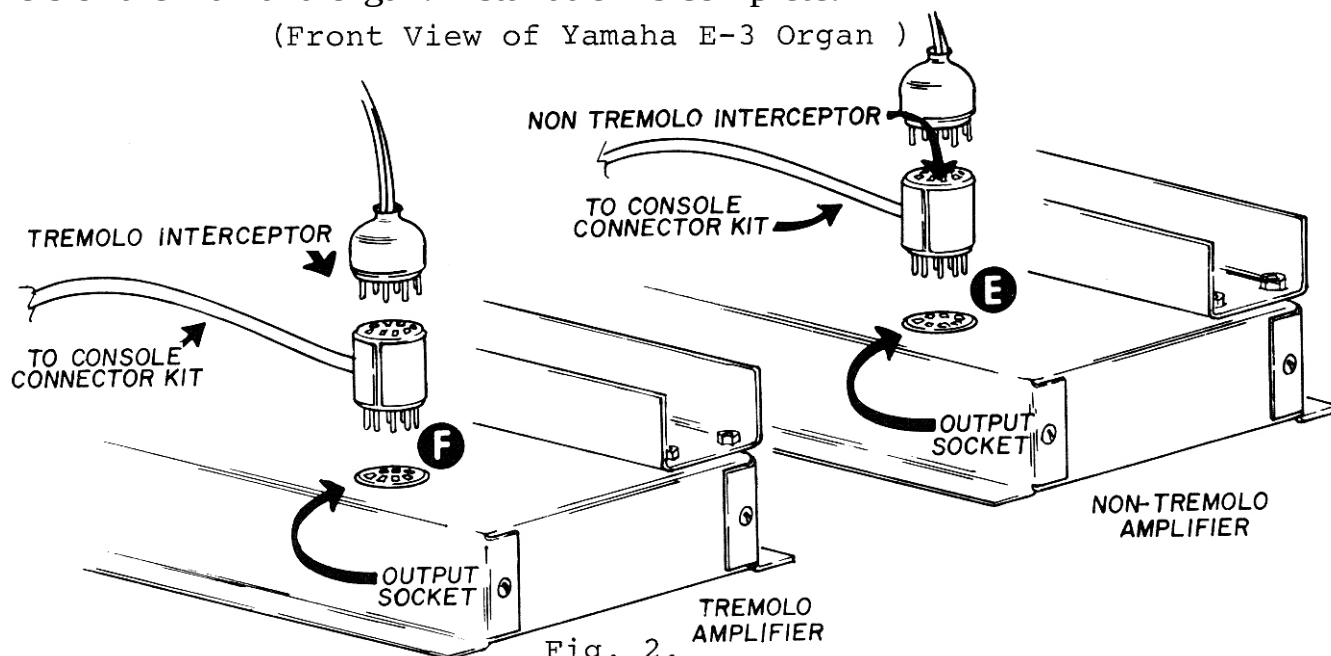


Fig. 3 PLUGS & SOCKETS: 7967 KIT

SCHEMATIC: 107380 Console Connector w/Echo Control

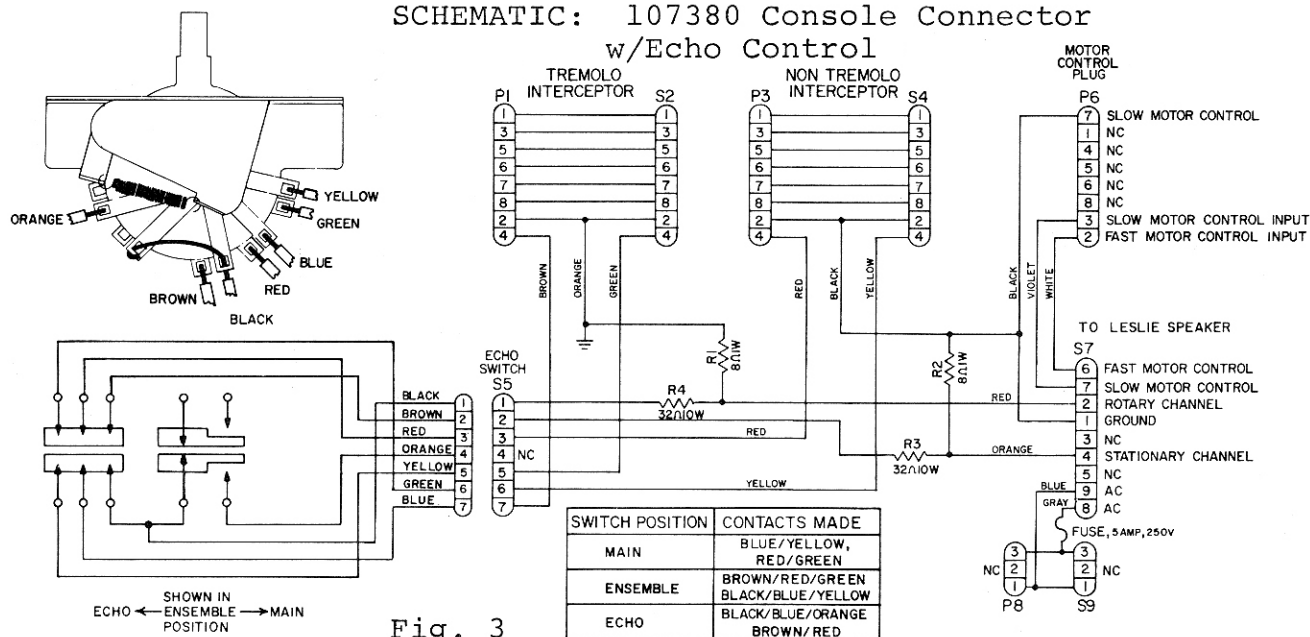


Fig. 3

PARTS LIST: 107380 CONSOLE CONNECTOR

Interceptor Assembly, sleeve (Tremolo)	107410
Plug, 8-pin (P1)	027854
Socket, 8-contact (S2)	027847
Interceptor Assembly, sleeve (Non-tremolo)	107430
Plug, 8-pin (P3)	027854
Socket, 8-contact (S4)	027847
Interceptor Assembly, 3-circuit, natural (white)	107450
Housing, plug (P8)	019927
Contact, insert, male	010421
Housing, socket (S9)	019919
Contact, insert, female	010397
Cable and Plug Assembly	107470
Plug, 8-pin (P6)	027854
Socket, 7-contact (S5)	025205
Socket, 9-contact (S7)	061713
Fuse, 5-amp, 250V	029280
Fuseholder	055178
Strip, 2-lug	129500
Bushing, strain relief	029256
Resistor, 8.2-ohm, 1W, 10% (R1, R2)	010124
Resistor, 32-ohm, 10W, 10% (R3, R4)	029769

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 listed.

PARTS LIST: ECHO CONTROL

Switch Case	Switch, Cable, & Plug	
brown	103810	Assembly 029249
ebony 103820		
ivory	103830	Switch Retainer (2) 048116
Case Cover		
brown	048702	Screw, thread-cutting,
ebony	048710	6-32 x 3/8 (2) 029140
ivory 048728		
Switch Knob	Label, MAIN/ENSEMBLE/ECHO	103670
brown 048066		
ebony	048074	Cork, adhesive 029157

MULTIPLE SPEAKER INSTALLATION

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