

CONSOLE CONNECTOR KIT 7022

INSTALLATION INSTRUCTIONS

FOR USE WITH: Pianos providing an output signal of less than 1.5 volts LESLIE Speaker Set Model 60

KIT CONTENT

Control Assembly 112670 Screw, sheet metal, 8 x 3/4, 012476 Phillips head (2) Installation Instructions 113120

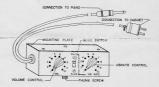


Figure 1. Control Assembly 112670

INSTALLATION

Separate the control case from its mounting plate by turning the black thumb screw (figure 1) on the bottom of the case.

Using the screws provided, fasten the plate under the keyboard shelf, on the bass side of the plano. Then align the control case with the mounting plate and tighten the thumb screw.

Electro Music/CBS Musical Instruments, A Division of CBS Inc., 55 W. Del Mar Blvd., Pasadena, Calif. 91105 Oct 1974 113120 Two leads come from the control unit. One wire is long and it terminates in a 5-prong plug. Insert this plug into the INPUT scoket on the back of the main speaker cabinet (figure 2). Plug the short lead from the control units into the earphone jack on the plano.

Prepare the LESLIE Speaker System Model 60 for operation

as described in the owner's manual or service manual.



Figure 2. Rear of Main Cabinet, Showing Connections

SOUND CONTROL

on the control case are two knobs and a slide switch. The left-hand knob controls the volume of the output. The other two items control the vibrato. The slide switch selects a range, either FAFS or SLOW, and the knob setting determines the amount of vibrato within the limits of the range selected. Turning of the control of the selection of the control to its off position. The farther of the control to its off position. The farther of the control of the selection of the selection of the control of the selection of the selection

When the tremolo knob is set for off (fully counter-clockutse) the sound heard will be the "straight" tones produced by the piano. Moving the control to the first operational satting produces a beautiful chorus effect, which is one of the notable effects this equation to the set of the control to the set of the s

Model 60 System Used Alone

If the model 60 system is used alone - that is, if no other amplifiers and speakers are built into the piano or connected ahead of the model 60, the slide switch should be set at SLOW. The available tremolo range is then spread over the full range of the knob, and settings can be made to any desired point.

The volume control operates only to control loudness, and its setting is a matter of taste.

Used With Additional Amplifier

If an additional amplifier is used shead of the model 60 system the slide switch should be set at FAST. This is desirable because of the beat frequencies created when more speakers operate together. As before, the tremolo speak operates over its entire range to regulate the tremolo speak.

The setting of the volume control is important in achieving the desired quality of sound, since the volume control regulates the depth, or amount, of the trendlo. Having the volume control see two far down (counter-clockwise) will cause only the plano see two far down (counter-clockwise) will cause only the plano produce beat sounds which are highly undestrable. It is prompt beat at the beginning to try both these extremes and listen to the results. Then set the control in the middle of its range and note the improvement in the performance of the system. After the model 60 volume control has been initially set for the level two laws of the control on the plano may be used to regulate volume as you play.

Variation

While the settings just described both for the model 60 system alone and for the system when used with additional amplifiers are those which would generally be used, one may operate the equipment at various other settings for special, effects (for instance, at FAST when the model 60 is used alone, or at ELGAW with another speaker to produce a noticeable beat musical tailtainty with the control operation, and your own musical tailtainty with the control operation, and your own musical text of the presently prefer.

Moving, Shipping

If the piano to which the control is attached is to be moved, the control may easily be detatched. Turn the thumb screw at the bottem of the control case until the case comes free of the mounting plate. Unpluy the cords leading to the piano jack and to the LESLIE speaker cabinet. The control and cords may be stored in the satellite cabinet.

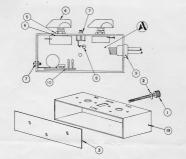


Figure 3a. Parts Identification

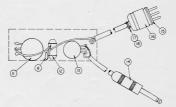


Figure 3b. Parts Identification Detail

1	Screw, machine, knurled, 10-24 x 1-9/16	110810
2	Washer, spring, ,208ID x ,3800D	112710
3.	Plate, cover	112690
4	Knob (includes screw), black	020287
4 5	Nut, hex, 3/8-32 x 1/2 x 3/32	020388
6	Washer, lock, 3/8 x 11/16 x .035	020388
7	Screw, sheet metal, 6 x 1/4, Phillips head	
,		111530
7 8 9	Resistor, 47K, 1/2W, 10% (R6)	028506
	Bushing, strain relief, 6P3-4	037986
10	Circuit Board Assembly	112660
11	Potentiometer, 500K, CCW (R5)	109660
12	Switch, slide, SPST	110770
13	Potentiometer, 100K, CW (R1)	055186
14	Plug, phone, 2-circuit, shielded	111130
15	Plug, 5-pin	013060
16	Cap, plug	022046
17	Clamp	022061
18	Screw, machine, 6-32 x 3/8	027979
19	Chassis	112690

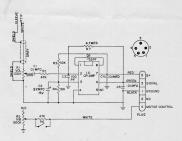


Figure 4. Schematic, Control 112670 (Plug Shown from Wire End)

- . 7022 Integrated Circuit, operational amplifier 118040 062638

Resistor, 4.7 megohms, 1/2W, 10% (R7)

Circuit Board, etched

118030 020506 112270

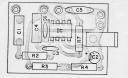


Figure 5. Circuit Board Assembly 112660



DERING OF GROUND SHELD

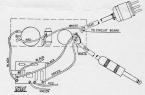




Figure 6. Wiring