

Pedal Crossover Adapter 140368 INSTALLATION INSTRUCTIONS

FOR USE WITH: Various CONN 2- and 3-channel organs, and LESLIE new series speakers (using ll-conductor cable) such as Models 705, 720, 730, and 705/540 and 720/540 combinations

Many CONN organs have a mixture of pedal and keyboard signals in the rotary channel output. This adapter intercepts the rotary channel signal from the organ before it reaches the LESLIE speaker, extracts bass signals (below 185Hz) and mixes these with signals coming from the organ to the LESLIE main stationary channel. This provides stronger pedal sounds and eliminates unwanted pedal signals in the LESLIE rotary speakers.

The adapter is packaged in various ways depending on the CONN organ with which it will be used. Each package has a kit or accessory number as follows:

Kit 7942 - Adapter 140368 with 7940 kit for use with CONN 635 and 644 organs.

Kit 7943 - Adapter 140368 with 7850 kit for use with various CONN 2-channel organs.

Kit 7945 - Adapter 140368 with 30 ft. cable (Part No. 137357) for use with CONN organs 609,

619, etc., which are outplugged with 11-pin sockets for LESLIE speakers.

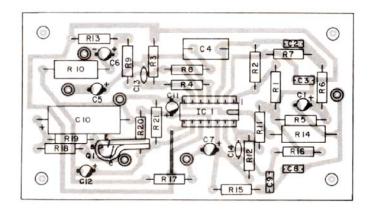
140380 - Adapter 140368 only - for use in existing installations where cable and/or connecting kits already exist.

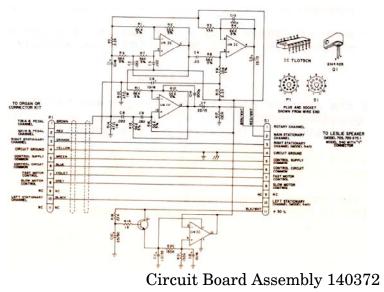
INSTALLATION

Connect the adapter plug to the 11-contact LESLIE speaker socket provided on the back of the organ, or to the socket on the connector kit installed in the organ.

Connect the 11-conductor cable (Part No. 137357) to the 11-contact socket of the adapter and to the LESLIE speaker.

Adjust the volume levels of the LESLIE speaker(s) as described in the respective Owner's Manuals.





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Designation	Description	Part Number				
Cl,C6,C12	Capacitor,	tantalum,	10mf,	16V	041707	
C2,C3,C8,C9	Capacitor,	mylar,	.022MFD,	100V 59	% 137751	
C4	Capacitor,	mylar,	.22mF,	100V 10	0% 140366	
C5,C7	Capacitor,	tantalum,	22MFD,	15V	062638	
Cll	Capacitor,	tantalum,	1mf,	35V	067538	
ClO	Capacitor,	electrolytic,	$25 \mathrm{mf}$	50V	050310	
C13	Capacitor,	ceramic disc	$100 \mathrm{PF} \ \mathrm{lKV}$	028027		
C14	Capacitor,	ceramic disc	$200 \mathrm{PF} \ \mathrm{lKV}$	023622		
ICI	Integrated Circuit,		TL075CN	140505		
Socket,	IC	140365				
R1,R4,R8,R11	Resistor 1CF,	56K,	1/2W~5%	137766		
R2,R9,R12	Resistor 1CF,	33K,	1/2W~5%	137767		
R3	Resistor,	33K,	1/2W 10%	028522		
R5	Resistor,	2.2K,	1/2W 10%	028571		
R6,R7,R15,R16	Resistor 1CF,	39K,	1/2W~5%	140367		
R10,R14	Resistor,	47-ohm,	lW 10%	040733		
R17	Resistor,	100K,	1/2W10%	018498		
R18	Resistor,	22K,	1/2W 10%	028530		
R19	Resistor,	lK,	1/2W 10%	023713		
R20,R21	Resistor,	150K,	1/2W 10%	028357		
Ql	Transistor,	2N4425	033563			
Etched Circuit Board		140360				