

CONSOLE CONNECTOR KIT 7956 INSTALLATION INSTRUCTIONS

FOR USE WITH: GULBRANSEN Model 400 Series Organs

LESLIE Speaker Model Combinations 705/540 (recommended) 720/540 (optional)

KIT CONTENT

Console Connector Assembly	139865	Adapter, Y	137469
Cable Assembly, 11conductor, 30-foot	137357	Oiler	053025

INTRODUCTION

This kit contains equipment which, when connected to the organ and the recommended or optional LESLIE speaker models, provides interfacing between the organ and the speakers. Speaker operation (fast/slow, organ/mix/echo) is controlled by tabs on the organ console.

The organs for which this kit is intended have four channels; two are routed to each LESLIE speaker for sound enhancement.

INSTALLATION

Attach plug P1 of the console connector to the socket at the back of the organ. Connect the 30-foot cable to the socket on the console connector and route it to the location of the LESLIE speakers.

Connecting the Y-adapter to the cable, attach the short leg of the Y-adapter to the model 705 cabinet and the longer leg to the Model 540 cabinet.

If preferred, the cable may be connected directly to the organ and the console connector attached at the end of the cable nearest the LESLIE speakers. In this case the Y-adapter connects directly to the console connector.

CAUTION: Be sure that the Y-adapter is not placed between the console connector and the organ, as this would cause one of the LESLIE speakers to operate directly from the organ without the sound being processed through the interfacing equipment.

The volume control and treble frequency response (TRC controls in Model 540 and 705 only) may be adjusted if necessary. See also Model 540 owner's manual.

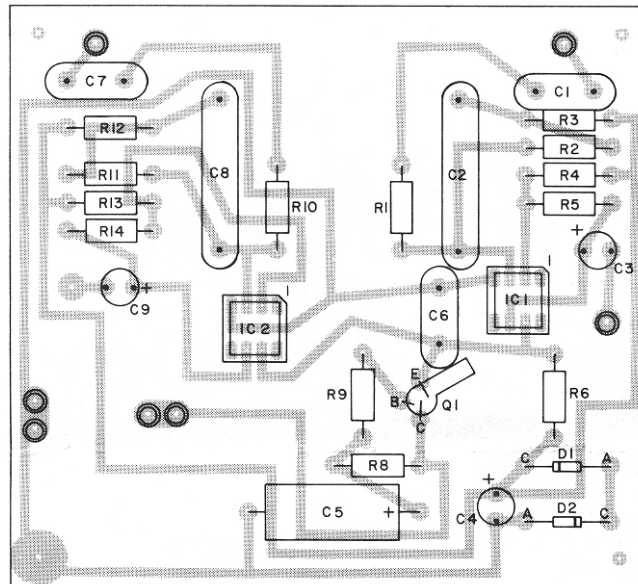
Multiple sets of speakers may be added to one organ, by using additional Y-adapters and cables connected after the console connector.

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: 139865 CONSOLE CONNECTOR ASSEMBLY

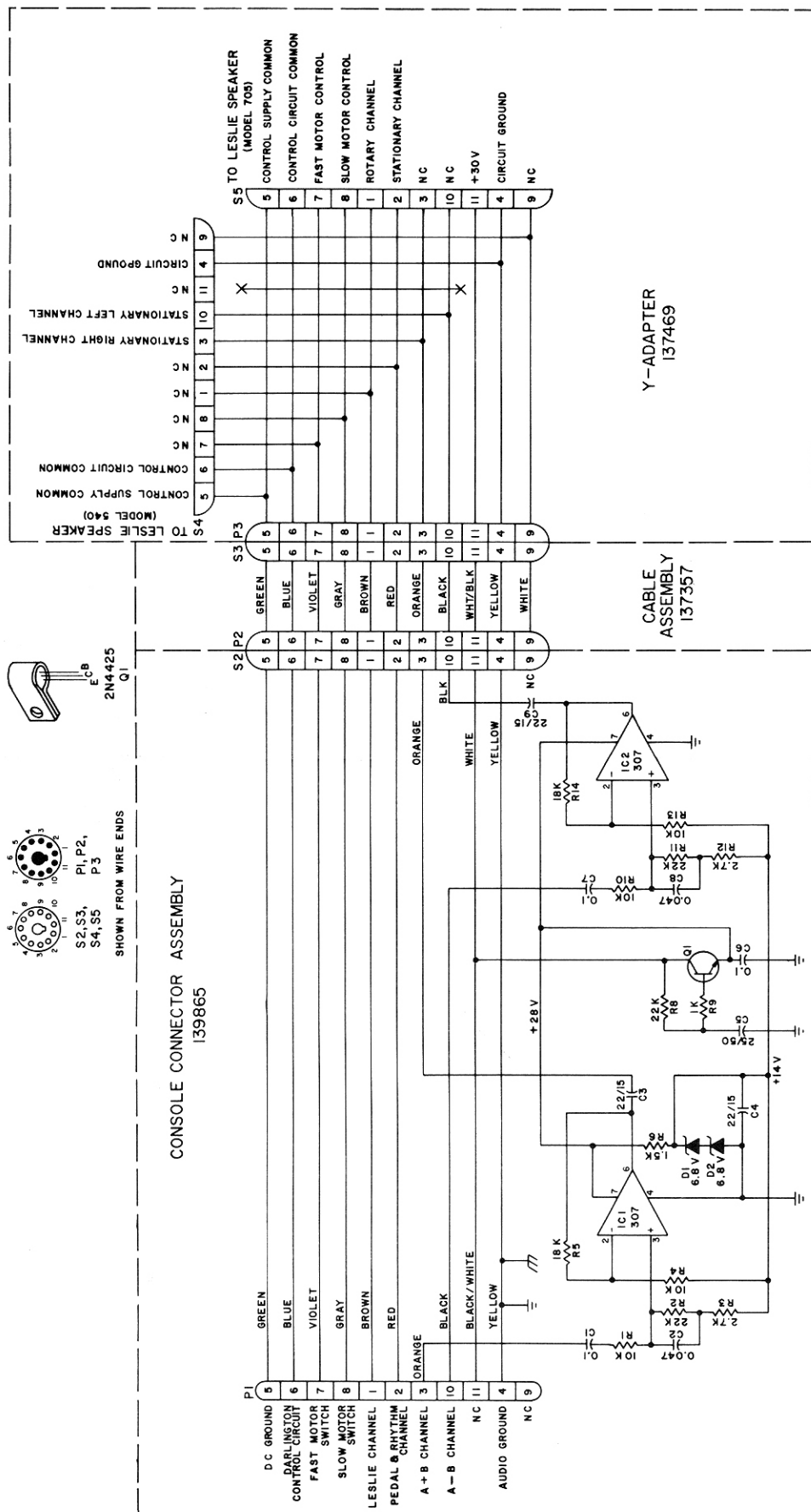
Circuit Board Assembly	139869
Socket, 11-contact (S2)	028852
Cable Assembly (includes P1)	139870



Circuit Board Assembly 139869

PARTS LIST: 139869 CIRCUIT BOARD ASSEMBLY

C1	Capacitor, mylar, 0.1 mfd, 200V	022251
C2	Capacitor, mylar, 0.047 mfd, 150V	026468
C3,C4	Capacitor, tantalum, 22 mfd, 15V	062638
C5	Capacitor, electrolytic, 25 mfd, 50V	050310
C6,C7	Capacitor, mylar, 0.1 mfd, 200V	022251
C8	Capacitor, mylar, 0.047 mfd, 150V	026468
C9	Capacitor, tantalum, 22 mfd, 15V	062638
D1,D2	Diode, Zener	118870
IC1,IC2	Integrated Circuit, OP AMP 307	112640
	Socket, IC	128010
Q1	Transistor, 2N4425	033563
R1	Resistor, 10K, 1/2W, 10%	028548
R2	Resistor, 22K, 1/2W, 10%	028530
R3	Resistor, 2.7K, 1/2W, 10%	042549
R4	Resistor, 10K, 1/2W, 10%	028548
R5	Resistor, 18K, 1/2W, 10%	018028
R6	Resistor, 1.5K, 1/2W, 10%	022277
R8	Resistor, 22K, 1/2W, 10%	028530
R9	Resistor, 1K, 1/2W, 10%	023713
R10	Resistor, 10K, 1/2W, 10%	028548
R11	Resistor, 22K, 1/2W, 10%	028530
R12	Resistor, 2.7K, 1/2W, 10%	042549
R13	Resistor, 10K, 1/2W, 10%	028548
R14	Resistor, 18K, 1/2W, 10%	018028



Schematic, Console Connector with Cable Assembly and Y-adapter