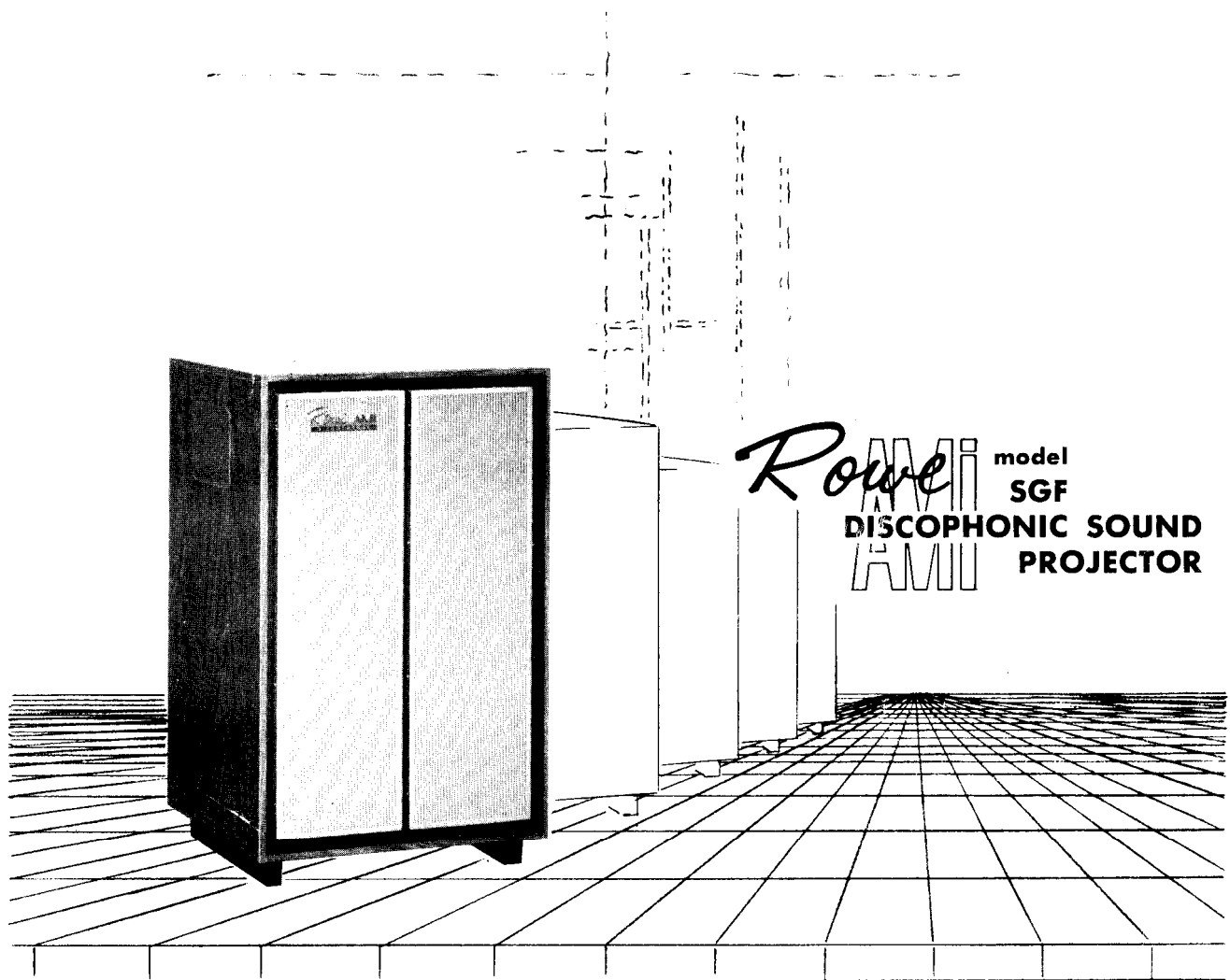


# Model SGF Discophonic Sound Projector



installation-parts

Sales

ROWE AC MANUFACTURING Troy Hills Rd., Whippany, N.J.

Manufacturing

1500 Union Avenue S.E., Grand Rapids, Michigan 49502

DIVISION OF AUTOMATIC CANTEEN COMPANY OF AMERICA

Model SGF Discophonic Sound Projector installation-parts

## FOREWORD

As the title of this coverage states: DESCRIPTION, SPECIFICATIONS, ALL INSTALLATION VARIATIONS and REPLACEMENT PARTS coverage for the new Rowe AMI DISCOPHONIC SOUND PROJECTOR are included herein.

Study the description and specifications...then select the INSTALLATION Set-Up that will be most effective for the particular location you have in mind. Each location may have its own requirements and can be satisfied in one of the variety of set-ups and modes provided for with this BIG SOUND speaker system, separate volume control, amplifier, reverberator and cables mentioned in this book and offered by Rowe AMI.

Retain this manual for reference later – in the event of re-locating equipment and for any replacement, or stocking, of parts.

Since engineering part no's. have not been converted to SERVICE PART NUMBERS in their use in this coverage – the following will give you the proper SERVICE NUMBERS for use when ordering components and parts:

H-3491A	-----	301-03491
L-2632A	-----	401-02632
L-2633A	-----	401-02633
L-2633B	-----	402-02633
F-12166A	-----	201-12166
F-12174A	-----	201-12174
F-12179A	-----	201-12179
Model SGF (R-2092)	-----	600-02092
R-3390A	-----	601-03390

**TABLE OF CONTENTS**

CONTENTS . . .	Page
DESCRIPTION .....	4
SPECIFICATIONS .....	5
INSTALLATION Preface .....	5 6 7
A. DISCOTHEQUE INSTALLATIONS . . .	
A-1. Rowe AMI PHONOGRAPH Plus TWO Model SGF SOUND PROJECTORS Plus R-2633A REVERBERATION KIT (25 watts each speaker unit) .....	8
A-2. Rowe AMI PHONOGRAPH Plus TWO SGF SOUND PROJECTORS Plus R-2633B REVERBERATION KIT (50 watts each speaker unit) .....	9
B. SOUND RE-INFORCEMENT INSTALLATION – STEREO . . .	
B-1. Rowe AMI PHONOGRAPH Plus TWO SGF SOUND PROJECTORS .....	10
B-2. Rowe AMI PHONOGRAPH Plus TWO SGF SOUND PROJECTORS at 25 watts each speaker unit .....	11
B-3. Rowe AMI PHONOGRAPH Plus TWO SGF SOUND PROJECTORS at 50 watts each speaker unit .....	12
B-4. STEREO ROUND Operation...With Rowe AMI PHONOGRAPH Plus ONE SGF SOUND PROJECTOR .....	13
B-5. STEREO ROUND Operation...With Rowe AMI PHONOGRAPH Plus ONE SGF SOUND PROJECTOR - Less Volume Control .....	13
C. SOUND RE-INFORCEMENT INSTALLATIONS – MONAURAL . . .	
C-1. Rowe AMI PHONOGRAPH With ONE MONAURAL, AUXILIARY Model SGF SOUND PROJECTOR .....	14
C-2. Rowe AMI PHONOGRAPH With ONE MONAURAL, AUXILIARY Model SGF SOUND PROJECTOR and R-3390A AMPLIFIER .....	14
PARTS CATALOG .....	16, 17, 18, 19 (15 blank)

● **DESCRIPTION**

The Rowe AMI, Model SGF Speakers are specifically designed for DISCOTHEQUE application. They are capable of distributing sound over large areas at very high volume levels. These units may be used in pairs as left channel and right channel speakers, in the usual stereo set-up, or one SGF Speaker Unit can be used as a complete, self contained, STEREO ROUND speaker system similar to that of the Rowe AMI phonograph.

An integral compartment is provided for installation of the R-3390 A Power Amplifier and the H-3491 A Volume Control, Screw-Type feet are used on the rear corners of the cabinet to permit levelling of speaker regardless of floor surface.

The SGF Speaker is a three-channel system. The low frequencies are produced by two, twelve inch "woofers" in a 10.4 cu. ft., resistance controlled, vented enclosure. The mid-high frequencies are reproduced by four heavy duty, 6 x 9 speakers in individual, fibreglas damped enclosures. Two 6 x 9 speakers are located in the front of the cabinet and one in each side of the cabinet to give an effective angle of coverage of 240°. This speaker arrangement also permits operation of the speaker system as a STEREO ROUND System.

The very high frequencies are reproduced by a 3 1/2" "tweeter" having a wide angle dispersion characteristic. A dividing network provides optimum electrical crossover frequencies for both conventional and STEREO ROUND operation.

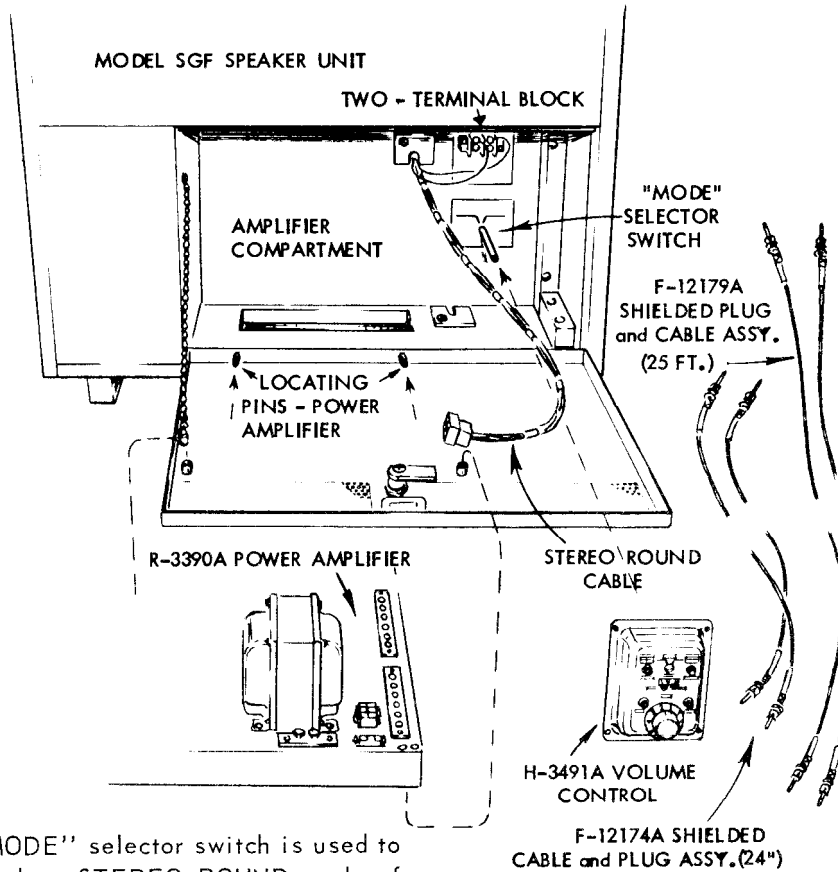


Figure A

A two-position "MODE" selector switch is used to select conventional or STEREO ROUND mode of operation.

A two-terminal block is provided for conventional input; a six circuit connector and cable, for insertion in the speaker socket of the R-3390-A Amplifier, is provided for STEREO ROUND operation.

The cabinet is in a wood finish high pressure laminate on exterior surfaces with the same hardwood glue-block construction as the Rowe AMI phonograph.

## ● SPECIFICATIONS

### SINGLE CHANNEL (Conventional) OPERATION:

Impedance: 15 ohms  
 Power Input: 50 watts max. program material

DIMENSIONS: 19" deep, 25 5/8" wide and 45 11/16" high. WEIGHT: 152

FINISH: Walnut wood grain, high pressure laminate on top and sides of cabinet. Grille is floating, epoxy coated special expanded steel.

### STEREO ROUND OPERATION:

Power Input: as indicated by speaker level power switch on R-3390-A Amplifier.  
 Power Requirement with R-3390-A Amplifier Installed: 115 V.A.C., 180 watts, 1.7 amps.  
 Signal Input for Max. Output; R-3390-A Amplifier: 1 volt r.m.s. each channel.

## INSTALLATION . . .

An objective of all DISCOTHEQUE installations is the reproduction of music at a considerably higher than normal sound level.

Primary factors, affecting the sound level, are:

- room volume
- speaker efficiency
- amplifier power

Secondary factors are:

- acoustical absorption of the room
- directivity of speakers

An acoustically "live" room will require less power than will an acoustically "dead" room. Speaker systems, with a wide angle of sound dispersion, such as the SGF, are less affected by room characteristics than are highly directional speakers, because a larger area is covered by direct sound from the speaker so that less dependence upon room reflection is required.

To simplify the estimation of amplifier power required for a given size of location; a chart relating room size to amplifier power is shown in Fig. B. The curve is for a room of medium sound absorption. The amplifier power, in the chart, refers to the total amplifier power used to drive the SGF Speaker Units. This chart can be used for the JAN Phonograph, if the power rating selected, at the speaker power level switch on the R-3390A Amplifiers is multiplied by a factor of 0.7. Thus, the 22 watt level would become 15.5 watts; the 5.5 watts level would become 3.8 watts, etc. It is important, to keep in mind, that the power rating of an amplifier is the power obtainable at maximum power output of the amplifier. This would

occur with all of the volume controls, in the system, set at maximum volume. The amplifier power rating, in the chart, is for this condition of operation. It is always good practice to choose a higher power than required, and to operate with the phonograph control amplifier volume control BELOW the maximum volume position. Therefore, where economically feasible, a power reserve of 2 to 10 times the indicated chart power is desirable.

As the phonograph volume control is backed off, from the maximum volume position, the bass boost increases up to the half way point of rotation. When the phonograph is operated at maximum volume, there is no bass boost regardless of the position of the bass boost switches on the R-3389 Control Amplifier.

The USE OF REVERBERATION is another factor that affects the installation. Reverberation is the "room echo" or "room reflected" part of the sound from an orchestra that a listener hears when listening to music performed in a large hall. Most records have a certain amount of artificial reverberation added to compensate for the lack of reverberation in "dead" recording studios.

Artificial reverberation is also used with electric guitars, etc., to produce unusual sound effects. Discotheque installations in small, acoustically "dead" locations can be enlarged by use of the proper amount of reverberation. Reverberation is much less effective in large, acoustically "live" locations where a considerable amount of natural reverberation is present.

ROOM SIZE versus AMPLIFIER POWER . . .

Rowe AMI Model SGF DISCOTHEQUE SPEAKER SYSTEM

Sound Pressure Level: 90 DB

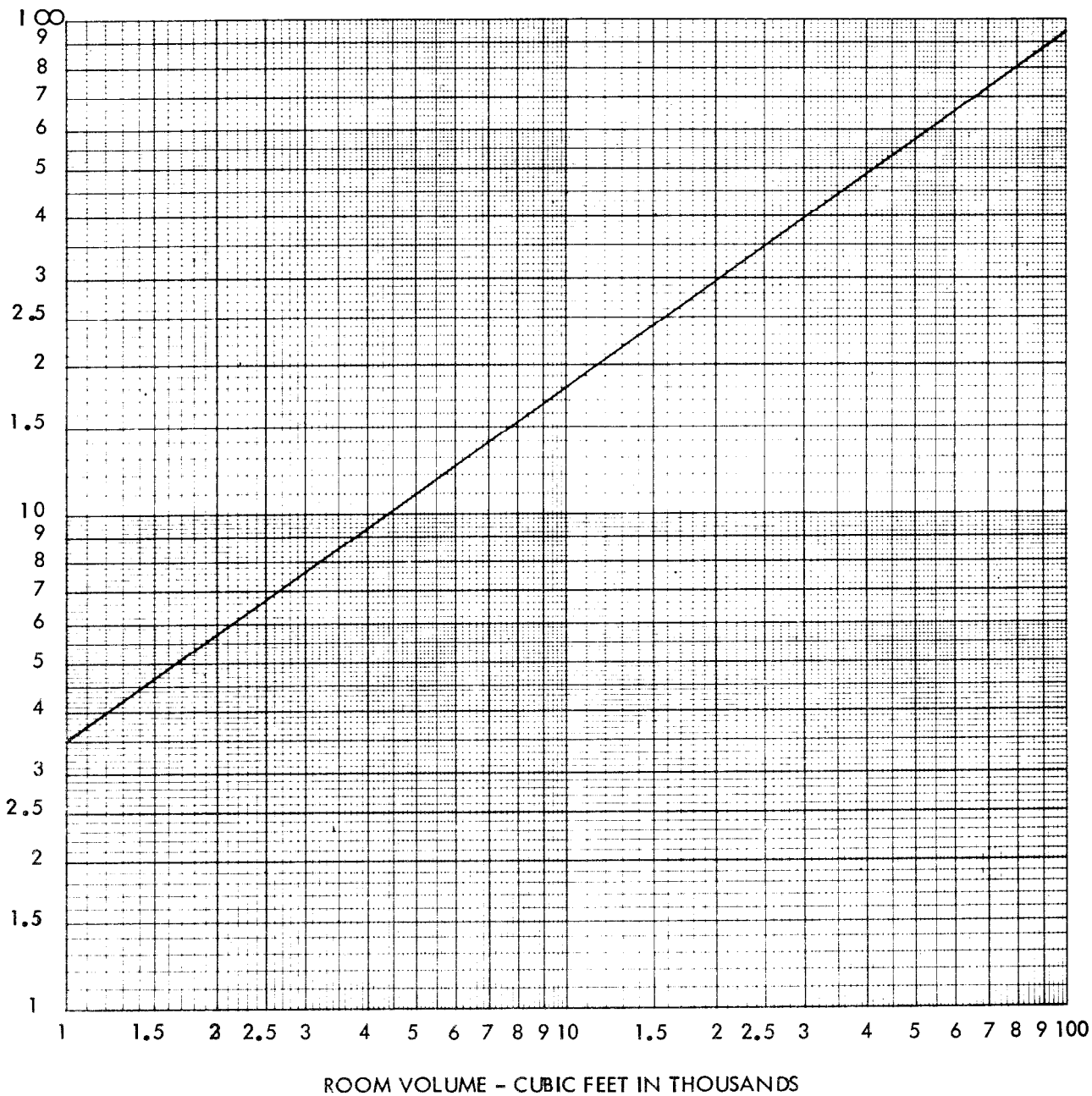


Figure B

The amount of reverberation used will have to be carefully chosen if records with vocals are to be played. Too much reverberation will make the vocals unintelligible. A compromise setting usually has to be arrived at where the vocals

are not distorted too much and yet enough "reverb" is present to create the desired effect on instrumentals. Large amounts of "reverb" are used where unusual effects on instrumentals are desired.

## A. DISCOTHEQUE INSTALLATIONS . . .

### A-1. Rowe AMI PHONO. Plus TWO Model SGF SOUND PROJECTORS at 25 watts each PLUS REVERBERATION . . .

In this installation a R-3390 A Power Amplifier is used as a "slave" amplifier to drive the two SGF Speaker Units, thus providing 25 watts of audio power to each SGF Speaker Unit. Connections are shown in Fig. A-1. In addition to the power amplifier, a H-3491-A Volume Control is used so that the volume level of the SGF Units may be adjusted relative to the phonograph.

The FISHER K-10 Reverberator is connected between the phono. and the SGF Speaker Units. Neither the reverb. unit or the electronic unit should be mounted in, or on, the SGF units due to the possibility of microphonic pick-up. The electronic unit can be mounted on the phono. but the reverb. unit cannot unless the phonograph is operated at a moderate volume level. The reverb. unit should not be separated from the electronic unit by more than 20' of cable (each cable).

The connections between the electronic unit and the phono. should not exceed 100 ft. (each cable) and the connections between the electronic unit and the power amplifiers in the SGF Speaker Units should not exceed 100 ft. (each cable). This assumes use of low capacity cable of approx. 30 mmfd. per foot capacity. The re-

verberation unit must be shock-mounted to a vertical surface that is relatively free of vibration. The electronic unit may be mounted in any position as long as adequate ventilation is provided and strong hum fields are avoided.

The "MODE" selector switch, on the speaker units, must be in the "SINGLE CH. INPUT" position.

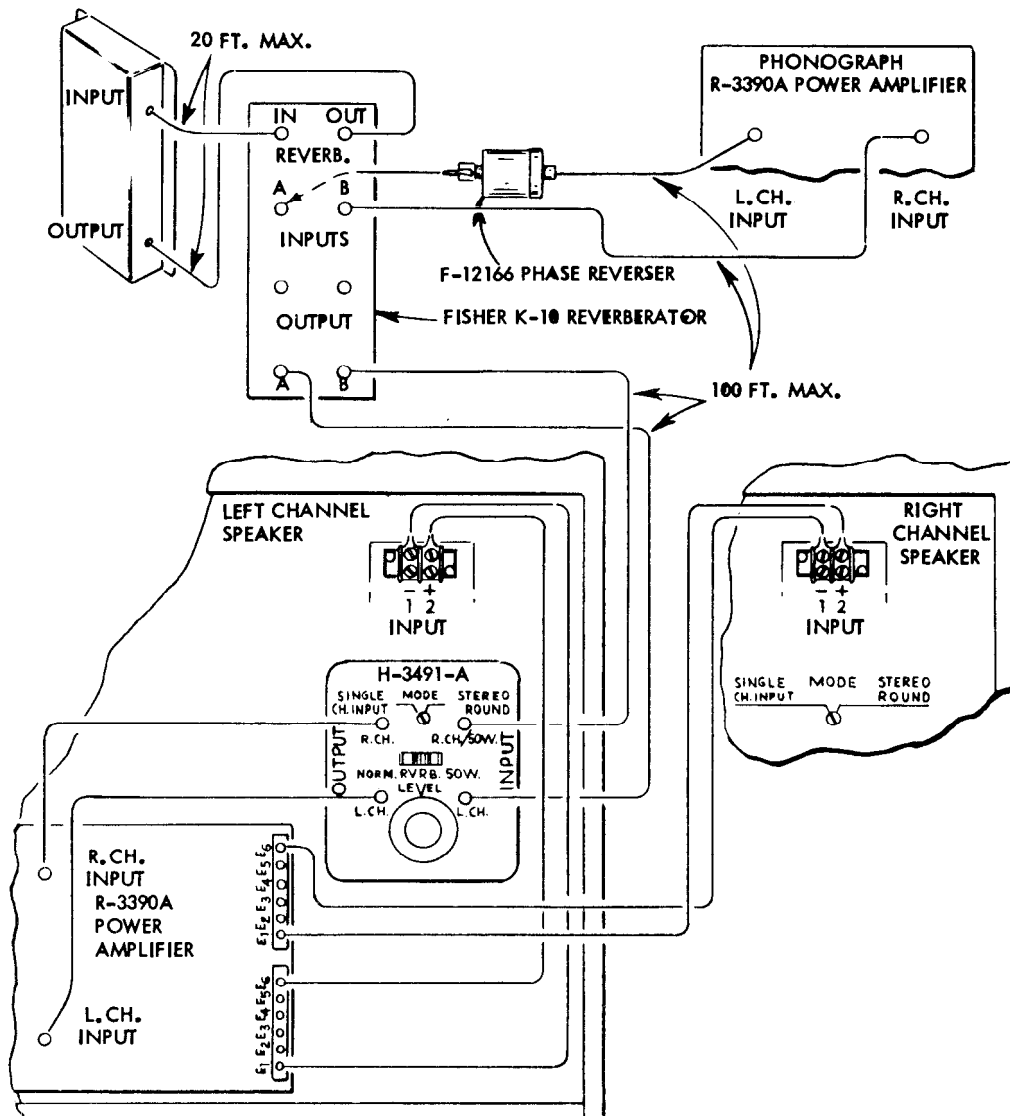
The slide switch, on the H-3491 A volume Control, must be in the "RVRB" position.

The mode selector switch, on the electronic unit part of the FISHER K-10 Reverberator, must be in the "NORMAL" position.

The signal into the reverberator should be kept as high as possible - to prevent noticeable hum and tube 'hiss' from the reverberator. The best way to insure this is to keep the phonograph volume control in the upper Third (clockwise) of its rotation.

Rowe AMI Kit no. L-2633 A contains the necessary components in addition to the phonograph, to make this installation. (The L-2633 Kit includes installation instructions).

See Figure A-1 . . . next page . . .



REVERBERATOR,  
 STEREO, 25 WATTS PER CHANNEL

Figure A-1

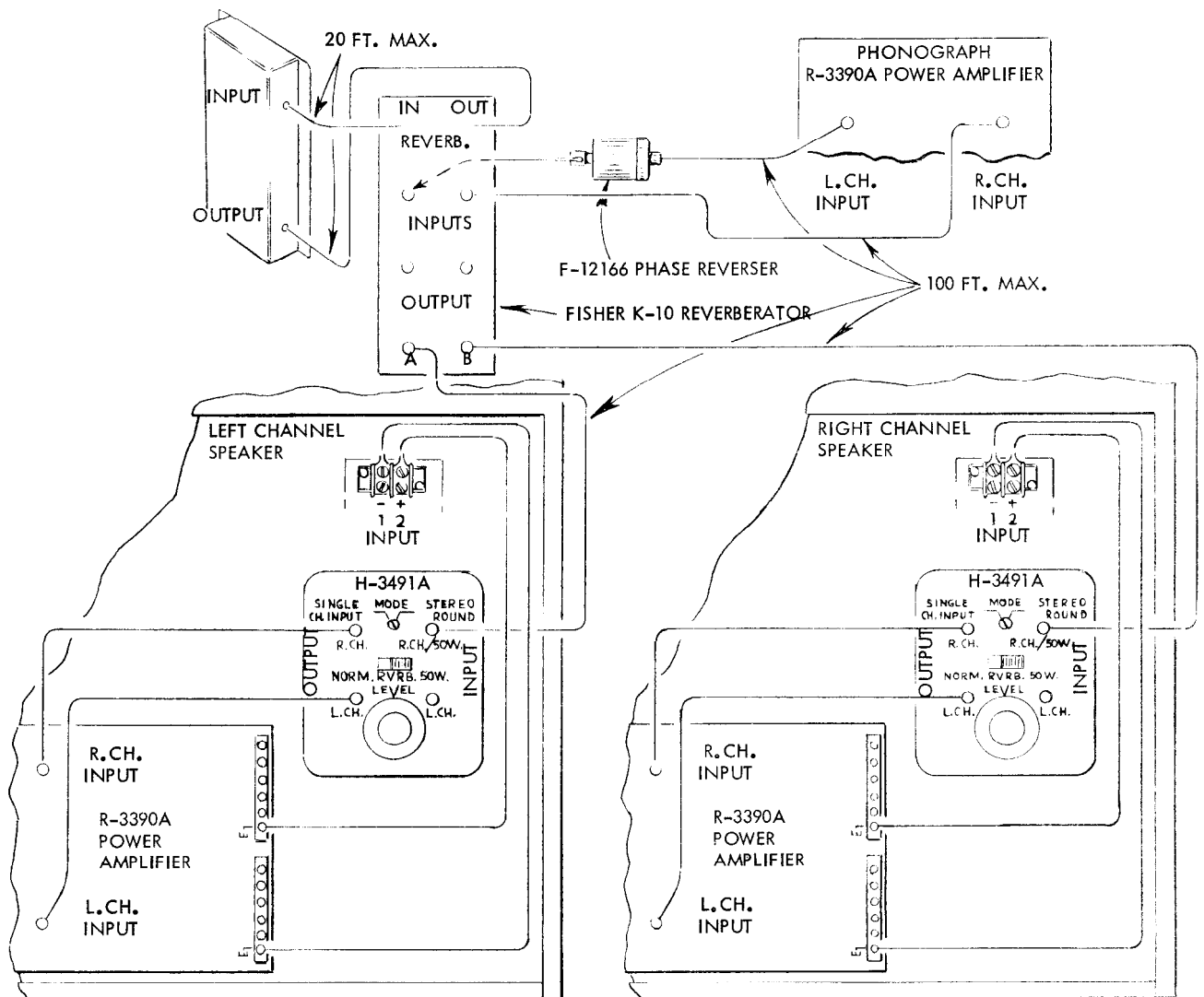


**A-2. Rowe AMI PHONO. Plus TWO Model SGF SOUND PROJECTORS  
at 50 watts each - PLUS REVERBERATION . . .**

This installation is similar to install. no. A-1, except that the power to the SGF Sound Projectors has been doubled. Connections are shown in Fig. A-2.

The reverberator installation data, under installation no. A-1, apply to this set up. Kit no. L-2633 B (including install. instructions) contains the necessary components, other than the phonograph, to make this installation.

Note that the volume control slide switch is in the "R. CH./50 w." position.



REVERBERATION, STEREO, 50 WATTS PER CHANNEL

Figure A-2

**B. SOUND REINFORCEMENT – STEREO**

**B-1. Rowe AMI Phonograph Plus TWO MODEL SGF SOUND PROJECTORS . . .**

Where Stereo Speaker coverage in addition to the phonograph is required, two Model SGF Speakers can be connected to the phonograph amplifier. Connections are indicated in Fig. B-1. The connections shown at the top of the illustration are for operation of the Model SGF Units at a higher volume level than that of the phonograph.

The connections at the bottom of Fig B-1 will produce approximately equal volume levels between the phono. and each SGF Unit.

Note that the polarity of connections to the left speaker unit is reversed from that to the right speaker unit. This phasing must be correct for normal stereo operation.

Also note that the "MODE" selector switch is in the "SINGLE CH." INPUT position.

- Components required:  
 2-Rowe AMI Model SGF (R-2092) Sound Projectors

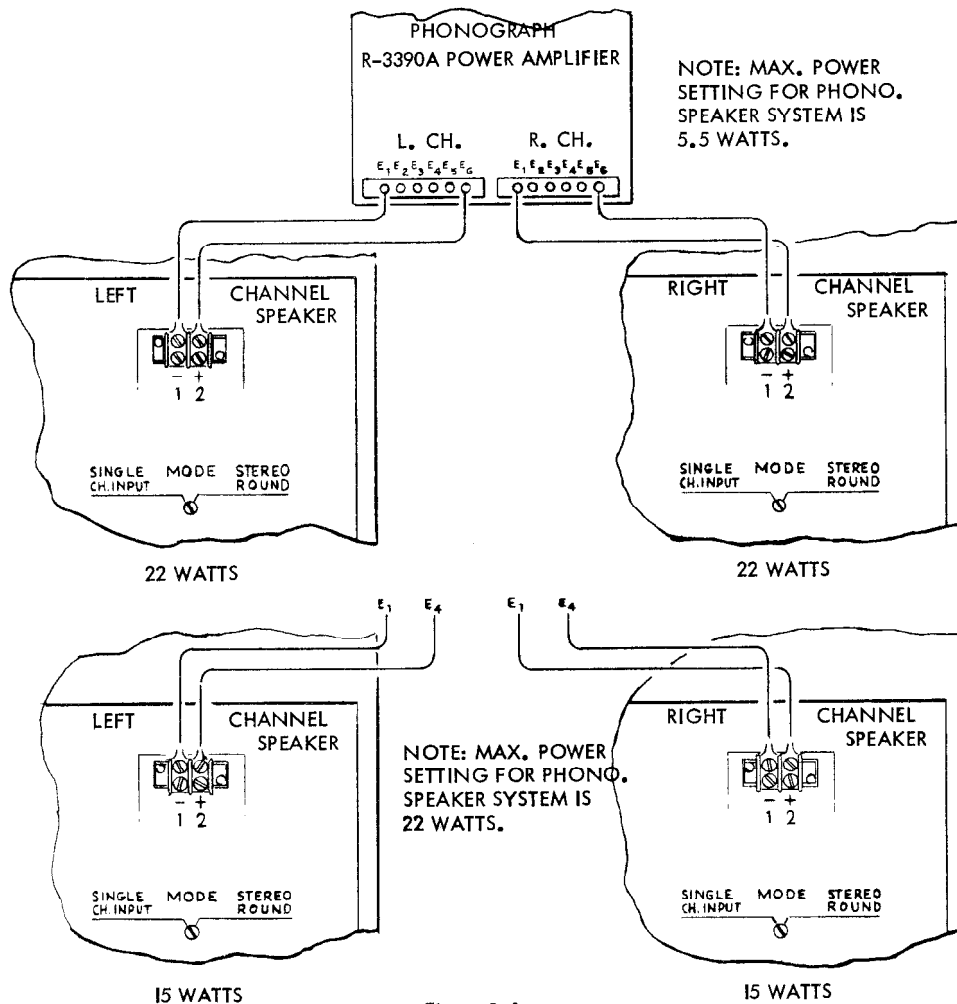


Figure B-1

**B-2. Rowe AMI PHONO. Plus TWO MODEL SGF SOUND PROJECTORS at 25 watts each . . .**

This installation provides greater power and flexibility since a R-3390-A Power Amplifier has been added as a "slave" amplifier to drive the two SGF Speaker Units thus providing 25 watts of audio power to each SGF Speaker Unit. Connections are shown in Fig. B-2. In addition to the power amplifier, a H-3491-A volume Control is used so that the volume level of the SGF Units may be adjusted relative to the phonograph. Again, correct phasing of the speaker leads is important for normal stereo operation.

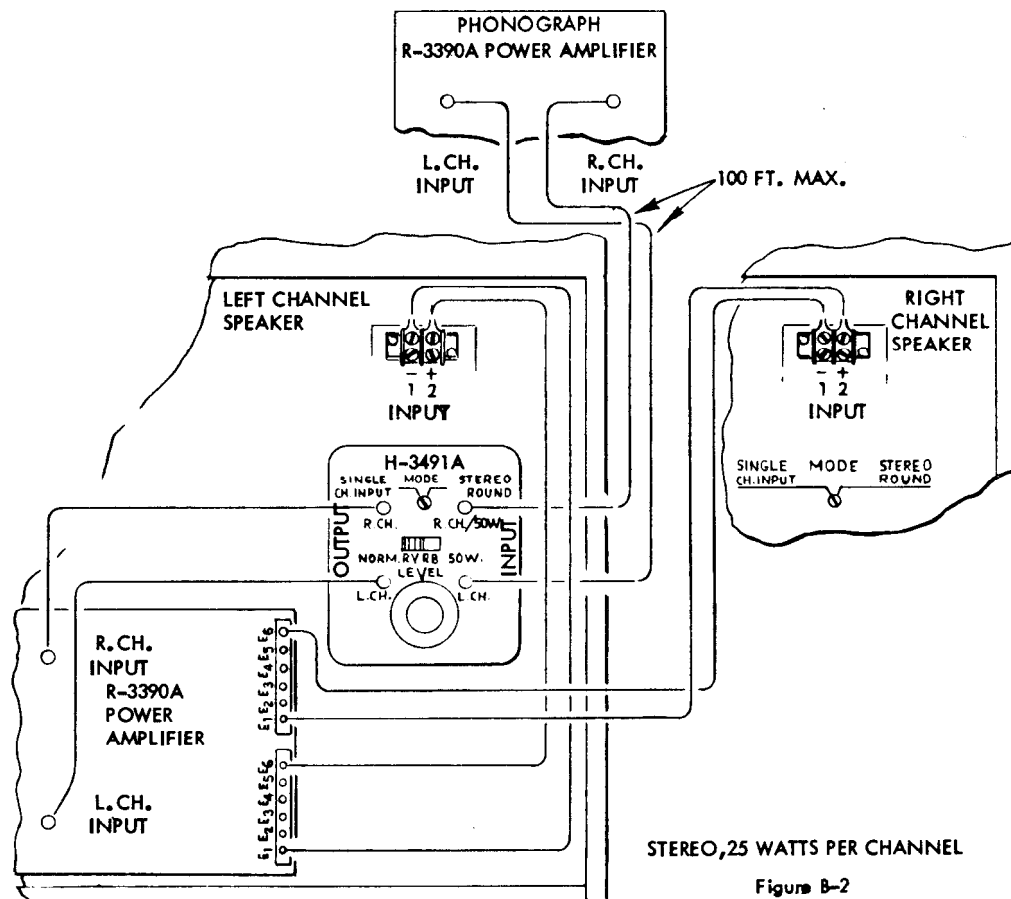
Note that the "MODE" selector switches are in the "SINGLE CH. INPUT" position.

The slide switch on the volume control box should be in the "NORM" position. CAUTION: do not plug in the six circuit plug and cable into

the speaker socket on the R-3390-A Amplifier, when the other input terminals of the speaker unit are connected. The six circuit plug and cable is used for STEREO ROUND operation only. The shielded cable connecting the phonograph to the slave amplifier should be of the low capacity type, i.e. approximately 30 mmfd. per ft.

**Components required:**

- 2-Model SGF (R-2092) Sound Projectors
- 1-R-3390-A Power Amplifier
- 1-H-3491-A Volume Control
- 2-F-12174-A Shielded Cable and Plug Ass'y. (24')



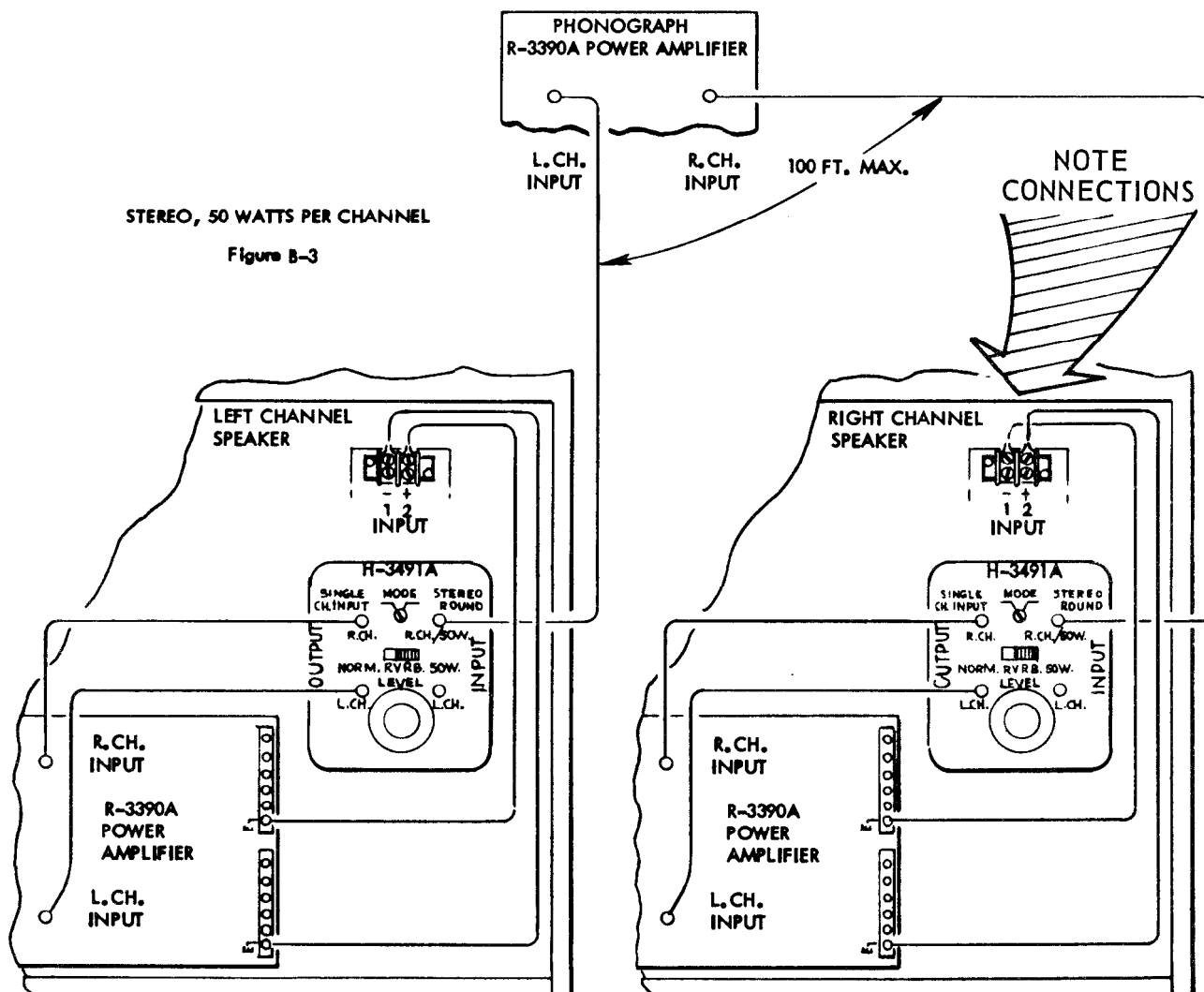
**B-3. Rowe AMI PHONOGRAPH Plus TWO MODEL SGF SOUND PROJECTORS at 50 watts each . . .**

This installation is similar to that of type B-2, except that the power has been increased to 50 watts for each speaker unit. A H-3491-A Volume Control MUST be used with each R-3390-A Power Amplifier. Note that the volume control slide switch is in the R. CH./50 w. position.

**IMPORTANT . . .**  
**NOTE SPEAKER CONNECTIONS  
IN ALL OF THESE SYSTEMS  
FOR CORRECT SPEAKER  
PHASING.**

**Components required:**

- 2-Model SGF (R-2092) Sound Projectors
- 2-R-3390 A Power Amplifiers
- 2-H-3491 A Volume Controls
- 4-F-12174 A Shielded Cable and Plug Assy's. (24")
- 2-F-12179 A Shielded Cable and Plug Assy's. (25')



STEREO, 50 WATTS PER CHANNEL

Figure B-3

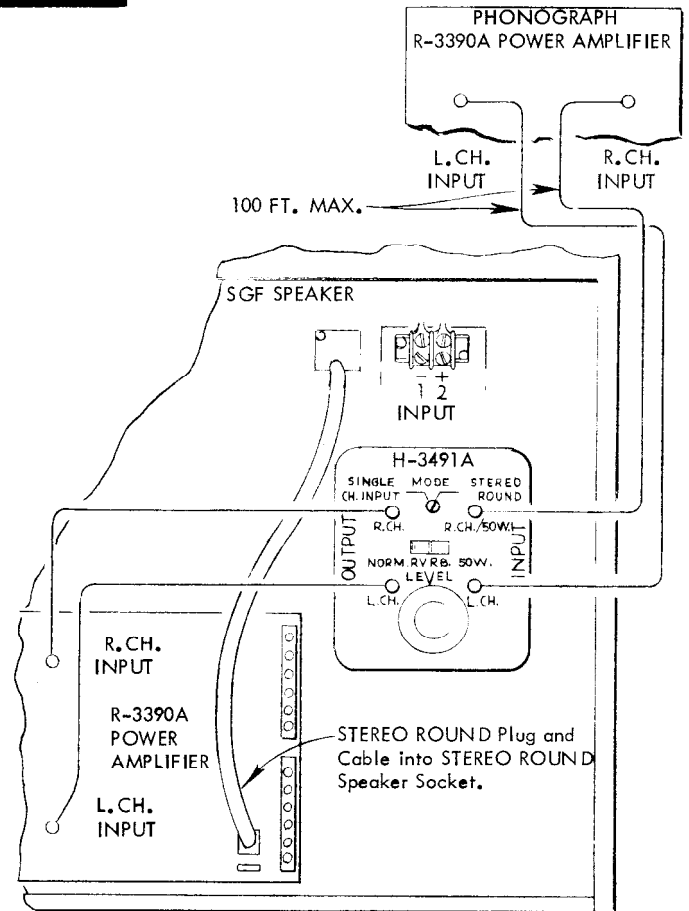
**B-4. STEREO ROUND Operation - With Rowe AMI PHONO. and ONE Model SGF SOUND PROJECTOR . . .**

A single SGF Speaker Unit can be operated as a self-contained STEREO ROUND system similar to that of the Rowe AMI Phonograph. Fig. B-4 will show you how. The six-circuit connector and cable must be plugged into the speaker socket on the R-3390 A Power Amplifier. No connections are to be made to the two-terminal input block.

The "MODE" switch must be in the "STEREO ROUND" position.

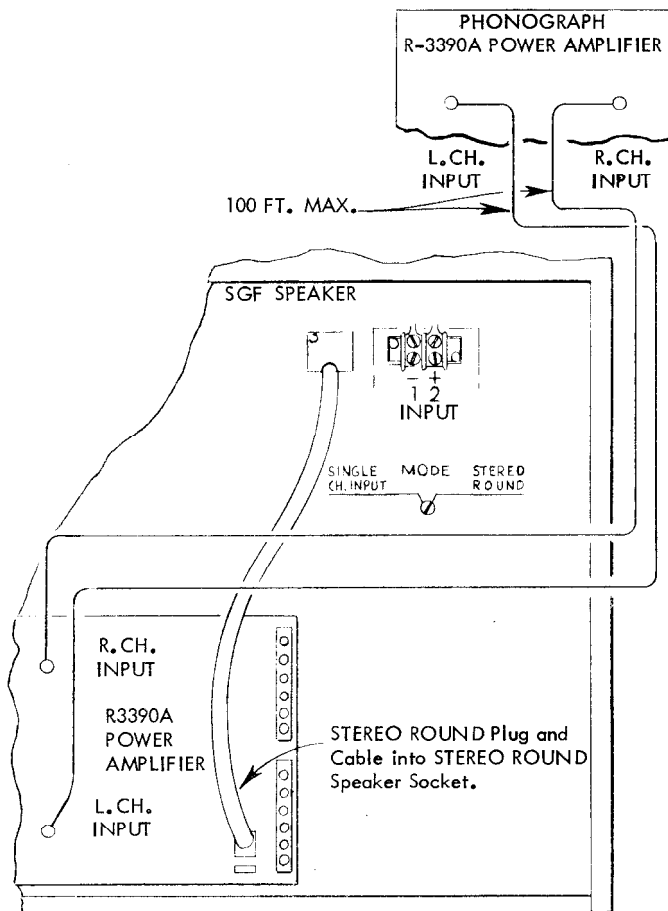
Components required:

- 1- Model SGF (R-2092) Sound Projector
- 1- R-3390 A Power Amplifier
- 1- H-3491 A Volume Control
- 2- F-12174 A Shielded Cable and Plug Assembly (24")
- 2- F-12179 A Shielded Cable and Plug Assembly (25')



STEREO ROUND OPERATION OF SGF SPEAKER

Figure B-4



STEREO ROUND OPERATION OF SGF SPEAKER - Less VOLUME CONTROL

Figure B-5

**B-5. STEREO ROUND Operation . . . With Rowe AMI PHONOGRAPH Plus ONE SGF SOUND PROJECTOR - Less Volume Control . . .**

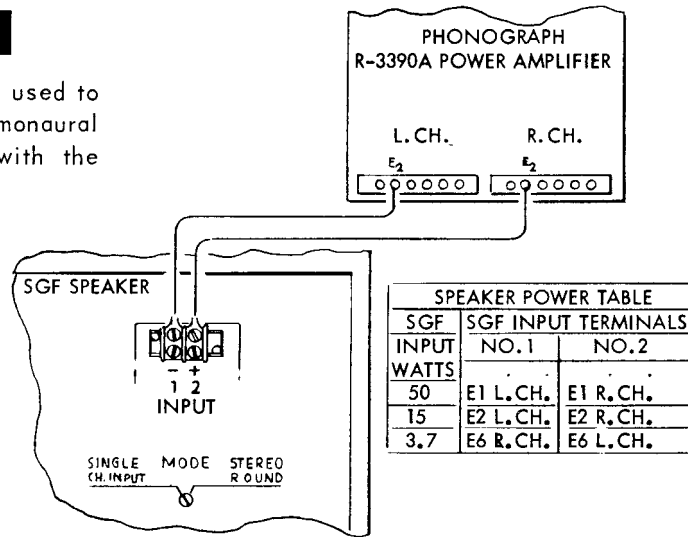
The H-3491 A Volume Control may be omitted where fine adjustment of the slave amplifier level is not necessary. See Fig. B-5 for connections.

Course adjustment, of the level, can be made by setting the speaker power switch, on the slave amplifier, to the desired level.

**C. SOUND REINFORCEMENT - MONAURAL**

The Model SGF Sound Projector can be used to provide high quality, high power monaural sound reinforcement, in conjunction with the phonograph.

**C-1. Rowe AMI PHONOGRAPH With ONE MONAURAL AUXILIARY Model SGF SOUND PROJECTOR . . .**

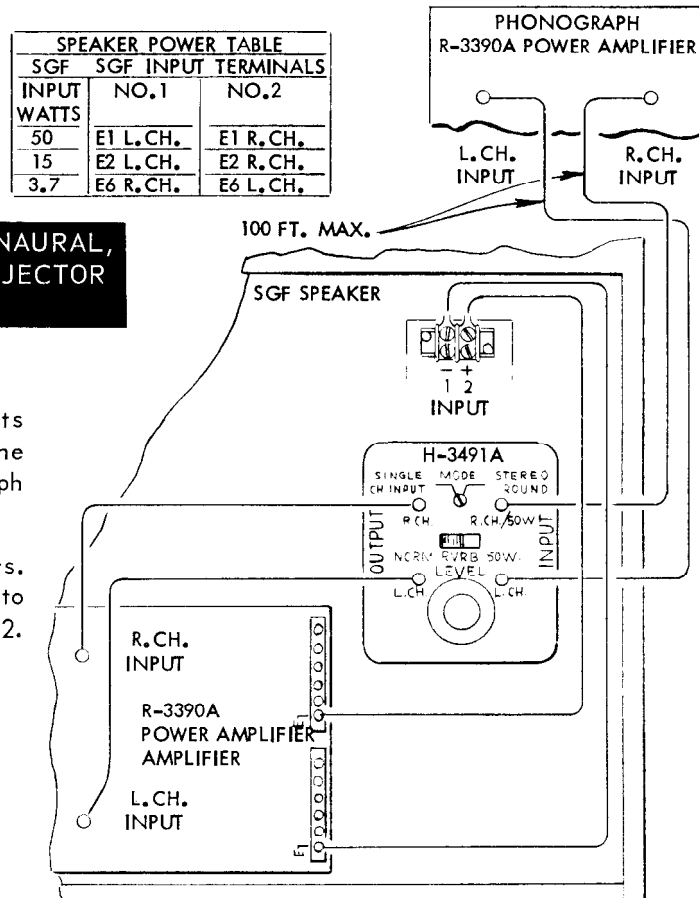


MONAURAL OPERATION OF MODEL SGF SPEAKER UNIT

Figure C-1

This speaker can be used as a 15 ohm extension speaker. It is connected across both channels of the R-3390 A Power Amplifier in the phonograph as shown in Fig. C-1.

**C-2. Rowe AMI PHONOGRAPH With ONE MONAURAL, AUXILIARY Model SGF SOUND PROJECTOR & R-3390 A POWER AMPLIFIER . . .**



MONAURAL OPERATION OF MODEL SGF SPEAKER UNIT WITH SLAVE AMPLIFIER

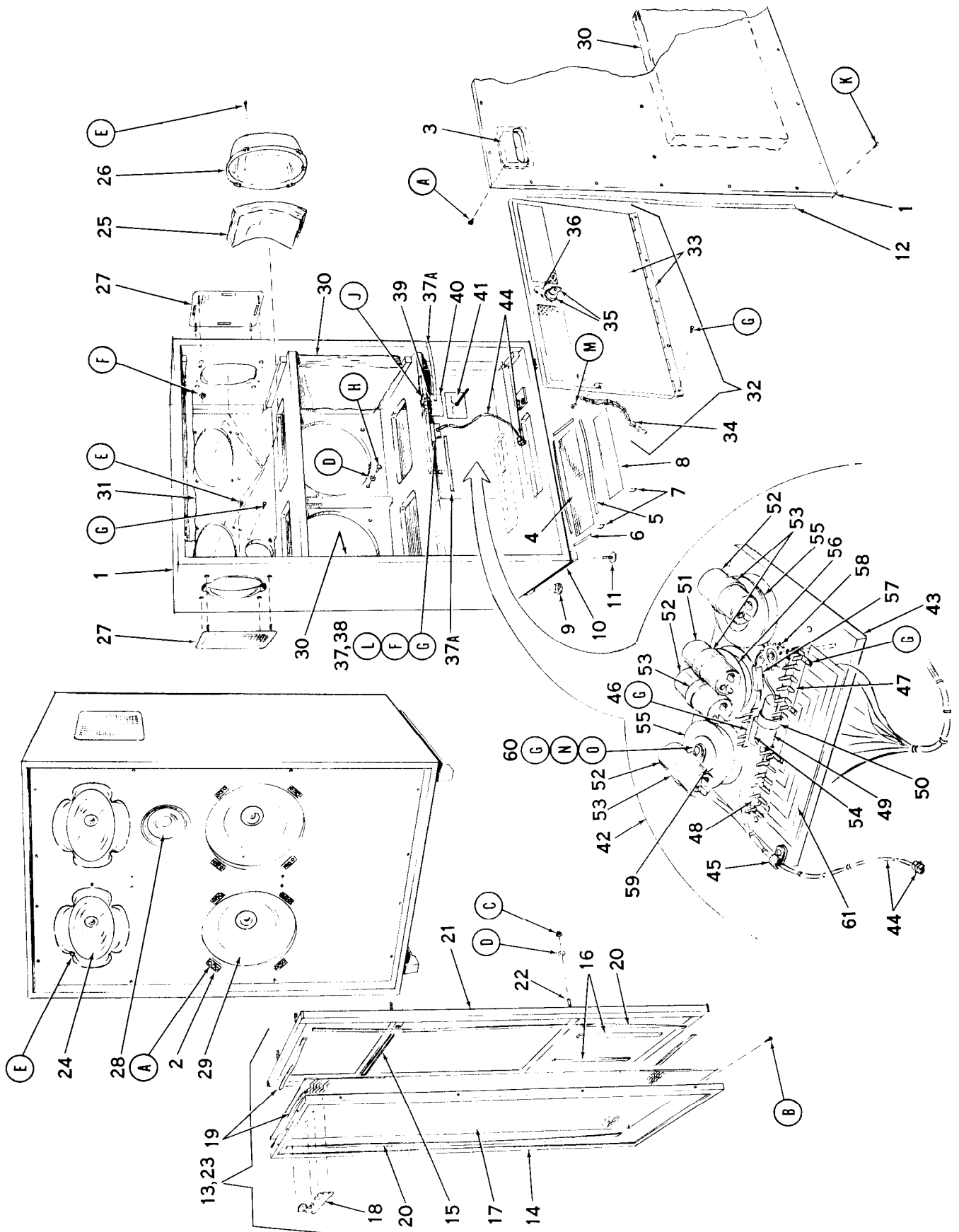
Figure C-2

The addition of a slave power amplifier, permits high powered (up to 50 watts) operation of the SGF Unit independently of the phonograph power amplifier. See Fig. C-2.

The speaker is shown connected for 50 watts. For less power into the speaker unit; refer to the SPEAKER POWER TABLE in Fig. C-2.

Components required:

- 1- Model SGF Sound Projector
- 1- R-3390 A Power Amplifier
- 1- H-3491 A Volume Control
- 2- F-12174 A Shielded Cable and Plug Assembly (24'')
- 2- F-12179 A Shielded Cable and Plug Assembly (25')



# 600-02092 (R-2092) Model SGF Discophonic Sound Projector

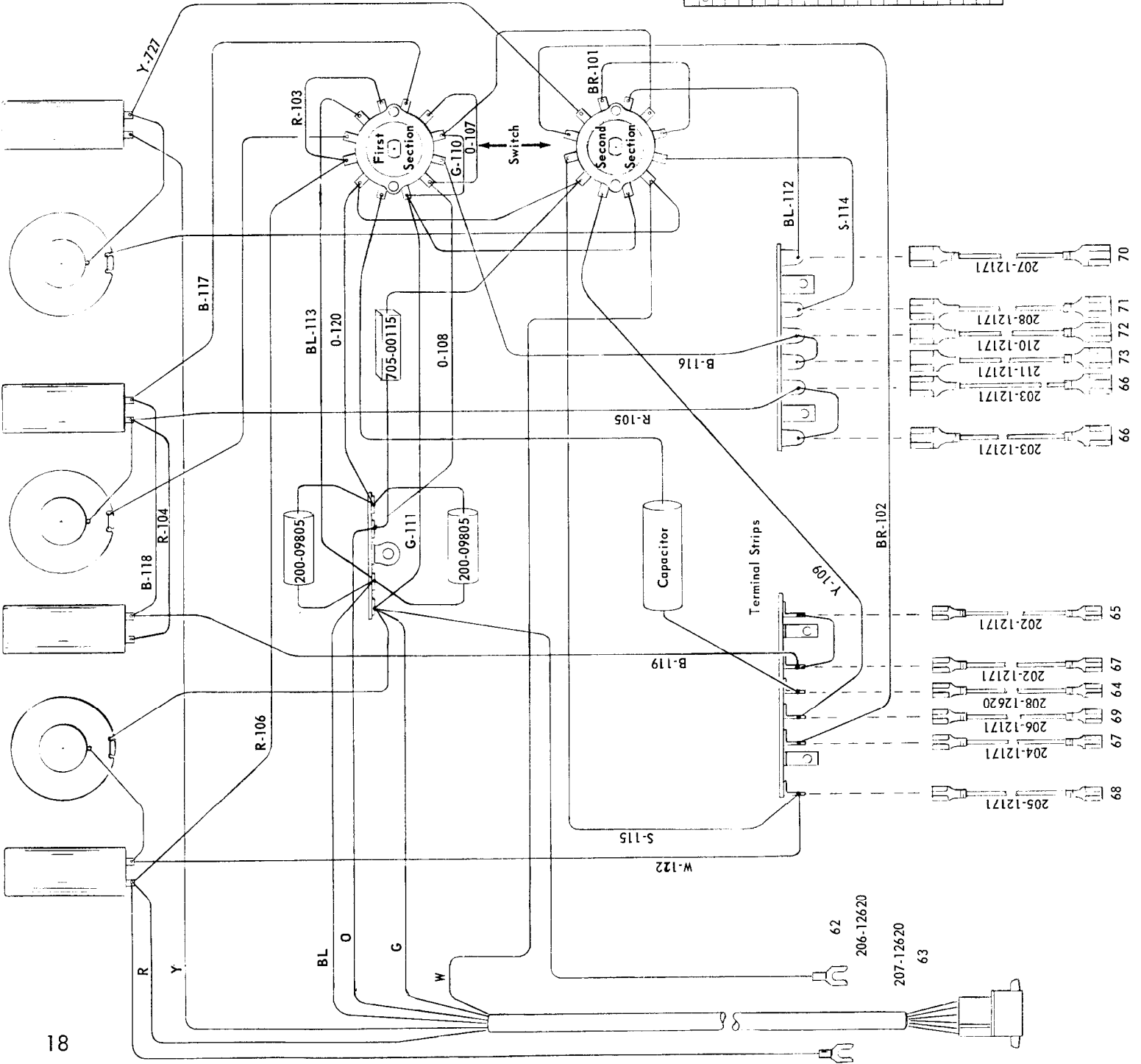


INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSY.	INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSY.
1	601-02093	Cabinet Assembly	1	37	200-12416	Strike Plate (for door lock)	1
		Includes:		38	200-06947	Lock Spring	1
2	200-09558	Teenut	8	37A	702-02119	Sponge Rubber	2
3	300-00422	Hand Hole Cover (in removable, rear panel)	1	39	200-02218	Terminal Strip	1
4	704-02412	Perforated Metal Screen	2		200-12158	Name Plate (back panel - not shown)	1
5	706-02125	Felt Strip	2	40	200-12173	Terminal Chart	1
6	707-02125	Felt Strip	2	41	200-12175	Switch Chart	1
7	703-00903	Staple	14	42	602-02099	Dividing Network Assembly*	1
8	718-02401	Screen - Wire Mesh	1			Includes:	
7	703-00903	Staple	12	43	300-03495	Panel - Dividing Network	1
9	200-12167	Glide	2	44	301-03496	Cable and Plug Assembly	1
10	200-12158	Teenut	2	45	703-00211	Cable Clamp	1
11	200-12157	Leg Leveler	2	46	200-05604	Terminal Strip	1
12	705-02129	Foamed Tape (screw area-rear panel)	4	47	200-12164	Terminal Strip	1
13	602-02094	Grille Assembly (with Rowe AMI Discotheque medallion)	1	48	200-12165	Terminal Strip	1
		Includes:		49	702-00211	Capacitor	1
14	401-02631	Trim - Frame Assembly	1	50	721-00931	Cable Clamp	1
15	706-02129	Foamed Tape	2	51	200-09786	Capacitor - AC Electrolytic	1
16	707-02129	Foamed Tape	2	52	200-12160	Capacitor - AC Electrolytic	3
17	202-12159	Grille	1	53	710-00931	Cable Clamp	3
18	300-03484	Medallion - Discotheque	1	54	200-09805	Capacitor - AC Electrolytic	2
19	200-50224	Nut (not shown)	5	55	201-10586	Inductor	2
20	706-02129	Foamed Tape	5	56	201-10641	Inductor	1
20	707-02129	Foamed Tape	5	57	705-00115	Resistor - Wire Wound, 7 Watt	1
21	400-02630	Grille Frame	2	58	200-12161	Rotary Switch	1
		Includes:		59	710-01211	Spacer (not visible - under washer)	3
		Hanger Bolt	1	60	704-01200	Washer	3
22	200-12162	Grille Assembly (WITHOUT Rowe AMI Discotheque Medallion)	8	61	300-03492	Connection Chart	1
23	601-02094	Grille Assembly (WITH ROWE AMI Discotheque Medallion)	1			NOTE: Wiring parts and connections (wiring diagram) are shown on the next two pages. Balance of parts listing - page 19.	
		Includes: same parts as 602-02094 Grille except Index No. 17 becomes part no. 201-12159, 1 req'd. and Index No. 18, is not used.					
		Both Grilles are attached with the following parts:					
		Standard Hardware item C	20 ea.				
		Standard Hardware item D	20 ea.				
24	400-05290	Speaker - Mid Range	4				
25	200-09827	Acoustical Pad (each mid-range speaker)	4				
26	400-05393	Speaker Cover	4				
27	400-05351	Side Grille	2				
28	300-03485	Speaker - High Frequency	1				
29	400-02628	Speaker - Bass	2				
30	200-12593	Acoustical Pad	3				
31	704-00903	Staple (not shown)	32				
31	200-12180	Acoustical Pad	1				
32	602-03383	Amplifier Door Assembly	1				
		Includes:					
33	402-05392	Door and Hinge Assembly	1				
34	200-12418	Chain - Rear Door	1				
35	712-01630	Cylinder Lock and Key	1				
36	705-01660	Lock Bolt - Straight	1				

### STANDARD HARDWARE

- (A) = #6 x 5/8 P.R.H.S., Type 17
- (B) = #6 x 1/2 P.O.H.S., Type "A" (Chrome)
- (C) = #10 - 24 Keps Hex. M.S. Nut
- (D) = #10 M.S. Washer
- (E) = #8 x 3/4 P.R. Wr. H.S., Type 17
- (F) = #8 - 32 Keps Hex., M.S. Nut
- (G) = #8 x 5/8 P. R. Wr. H.S., Type 17
- (H) = #10 - 32 x 1-1/4 Sems P.R.H.S., Type 23
- (I) = #10 - 32 x 3/8 Sems Sl. Hex. H.S., Type 23
- (J) = #8 - 3/4 P.R.H.S., Type 17
- (K) = #8 x 1-1/2 P.F.H.S., Type 17 (Black Oxide - for Rear Panel)
- (L) = #8 - 32 x 3/8 Sems Sl. Hex. Wr. H.M.S.
- (M) = #10 - 32 x 3/8 Sems Sl. Hex. Wr. H.S., Type 23
- (N) = #10 x 1-1/2 P.R.H.W.S. (Alum.)
- (O) = #6 x 3/8 P.R.H.S., Type "A"





**COLOR CODE** . . . . .  
**W = WHITE**  
**R = RED**  
**BL = BLUE**  
**G = GREEN**  
**O = ORANGE**  
**Y = YELLOW**  
**S = SLATE**  
**B = BLACK**

CODE NO.	REQ'D.	LENGTH	COLOR	STRIP	SPEC.
101	1	2 1/2"	Br. - Brown	1/4 x 1/4	5036
102	1	10"			
103	1	2 1/2"	R - Red	1/4 x 1/4	
104	1	4"			
105	1	6"			
106	1	8 1/2"	O - Orange	1/4 x 1/4	
107	1	2 1/2"			
108	1	5 1/2"			
109	1	8"	Y - Yellow	1/4 x 1/4	
110	1	2 1/2"	G - Green	1/4 x 1/4	
111	1	6 1/2"			
112	1	2 1/2"	BL - Blue	1/4 x 1/4	
113	1	6"			
114	1	2"	S - Slate		
115	1	8 1/2"			
116	1	2 1/2"	B - Black	1/4 x 1/4	
117	1	6 1/2"			
118	1	4"			
119	1	6"			
120	1	3"	O - Orange	1/4 x 1/4	
121	1	3"	Y - Yellow	1/4 x 1/4	
122	1	4 1/2"	W - White	1/4 x 1/4	

# 602-02099 Dividing Network Assembly (con't.)

## ... Wiring Parts and Connections

INDEX PART NO. NO.	DESCRIPTION	QTY. PER ASSY.
62	Jumper Assembly	1
63	Jumper Assembly	1
64	Jumper Assembly	1
65	Jumper Assembly	2
66	Jumper Assembly	2
67	Jumper Assembly	1
68	Jumper Assembly	1
69	Jumper Assembly	1
70	Jumper Assembly	1
71	Jumper Assembly	1
72	Jumper Assembly	1
73	Jumper Assembly	1
	Code No.	
	001-05036	19"
	002-05036	13"
	003-05036	21"
	004-05036	11"
	005-05036	11"
	006-05036	9"
	007-05036	9"
	009-05036	11"
	010-05036	5"
	Black Wire	Total
	Brown Wire	lengths
	Red Wire	of each
	Orange Wire	color
	Yellow Wire	used . . .
	Green Wire	see chart,
	Blue Wire	page 18,
	Slate Wire	for each
	White Wire	length.

\* 601-02099 Dividing Network Assembly - 1 req'd., superseded the above (602-02099) and was used in Discophonic Sound Projector Unit serial no., 101 thru 201. The only 'parts used' difference is that part no. 719-00115, Resistor, Wire Wound, 7 Watt, 3 req'd., was used and is now eliminated.

- 200-12177 Installation and Parts Manual (this book - Not shown) ----- 1

Technical Publications, Grand Rapids  
200-12177

**Sales**

**ROWE AC MANUFACTURING** Troy Hills Rd., Whippany, N.J.

**Manufacturing**

**1500 Union Avenue S.E., Grand Rapids, Michigan 49502**

**DIVISION OF AUTOMATIC CANTEEN COMPANY OF AMERICA**

**SGF - S/M - P/C**

**Litho. in U.S.A.**