

OWNER'S MANUAL

SERVICE DATA and REPAIR PARTS LIST for

Silvertone

MUSICAL INSTRUMENT AMPLIFIER MODEL NO. 1484

GUARANTEE

We guarantee the Silvertone musical instrument amplifier to be free from defects in material and workmanship for a period of one (1) year from date of sale.

Should a defect occur, return the part or amplifier to us and we will:

1. during the first ninety (90) days from date of sale at our option either repair or replace and install any defective parts or tubes free of charge.
2. after ninety (90) days and for the balance of the year at our option either repair or replace all defective parts and tubes, charging only for labor.

This guarantee does not provide free labor for service rendered in the home, nor does it include service necessitated by damage due to misuse, abuse, improper line voltage, fire or flood, lightning or other acts of God.

SEARS, ROEBUCK and CO., U.S.A.
and SIMPSONS-SEARS LIMITED

KEEP THIS BOOKLET. IT CONTAINS VALUABLE SERVICE INFORMATION

MUSICAL INSTRUMENT AMPLIFIER

HOW TO ORDER PARTS:

WHERE TO PLACE ORDER:

Replacement parts may be ordered through any Sears Roebuck and Co. U.S.A., or in Canada, Simpsons-Sears Limited Retail or Mail Order Store. Prices available upon application.

LOCATION OF CHASSIS AND MODEL NUMBERS:

The chassis number will be found on a metal plate attached to the chassis.
The model number will be found on the control panel.

ORDER MUST STATE:

1. The Part Number
2. The Part Description
3. The Chassis Number
4. The Model Number

**USED IN
MODEL
1484**

CHASSIS PARTS			CABINET PARTS				
Schematic Location	Part No.	Description	Schematic Location	Part No.	Description		
CAPACITORS			RESISTORS				
C1, C17	25-2525	Electrolytic, 25mfd., 25v.	(All Resistors ½ watt unless otherwise noted)				
C2, C3, C5, C6 } C14, C15, C18 } C19, C22 }	20-026	Tubular, .02 mfd., 600v.	R1, R2, R3, R4, R12, R13, R24, R25, R30, R33, R41, R48, R52, R58, R59 } R5, R28, R31, R43, R47 } R6, R29 } R7, R8, R9, R27 } R26, R40, R50, R54 } R10, R15, R16, R17, R34, R39, R60 } R11, R14, R20, R21, R51 } R37 } R18, R19 } R22, R23 } R32, R38, R61 } R35, R36, R53 } R42 } R44 } R45, R46, R56 } R49 } R55 } R57 }	18-68302	68K ohm, 20%	1484CS	Speaker Cabinet With Back
C4, C7	20-150	Disc, .0015 mfd.	18-10502	1 megohm, 20%	1484 CA	Amplifier Cabinet	
C8, C9	20-680	Disc, .00068 mfd.	18-15202	1.5K ohm, 20%	7840	Handle and Hardware For Speaker Cabinet	
C10, C11, C12 } C13, C16, C20 } C21 }	20-016	Tubular, .01 mfd., 600v	18-22402	220K ohm, 20%			
C23	20-502	Tubular, .5mfd., 200v	18-56402	560K ohm, 20%			
C25A-C25B- } C25C }	25-51020	Electrolytic, 5-10-20 mfd., 450v.	18-10402	100K ohm, 20%	7835	Handle and Hardware For Amplifier Cabinet	
C26, C27, } C28, C29 }	25-51020	Electrolytic, 100mfd., 150v	22-10512	1 megohm control, linear			
C30	25-150	Electrolytic, 100mfd., 50v.	22-105124	1 megohm control with switch, linear	12-H8	Speaker, 12 inch, 8 ohm V.C. (2 used)	
C24, C31	20-056	Tubular, .05 mfd., 600v	22-10513	1 megohm control, audio taper	1484MVI	Owner's Manual	
MISCELLANEOUS PARTS							
T1	DD-50	Power Transformer	18-47202	4.7K ohm, 20%			
T2	O50	Output Transformer	18-22202	2.2K ohm, 20%			
	68	Fuse Holder	18-33402	330K ohm, 20%			
SW1		Part of Control R37	18-10302	10K ohm, 20%			
SW2, SW3	2019	Toggle Switch SPST	18-82002	800 ohm, 20%			
SW4	S26D	Toggle Switch SPDT	18-27302	27K ohm, 20%			
CH1	L480	Choke	18-22502	2.2 megohm, 20%			
J2	12B	Jack	22-10412	100K ohm, control, linear			
	1155	Control Knob	18-15602	15 megohm, 20%			
D1, D2, D3, D4	1N3194	Diode					
D5	1N3754	Diode					
	306-2H	Light operated tremolo unit					
	CS55	Spring reverberation unit					
	FS-2	Dual foot switch					

INFORMATION FOR SEARS TECHNICIAN

FILING INSTRUCTIONS: File this page in numerical order in Section A of the Division 57 Radio Technical Manual. For current selling prices, availability and ordering information refer to division 57 Authorized Price List 185.00

SF57-

SILVERTONE ELECTRIC MUSICAL INSTRUMENT AMPLIFIER

OPERATING INSTRUCTIONS

NESTING CABINETS . . . The amplifier nests within the speaker cabinet for convenience in storage or transportation only. Always slide amplifier out from speaker cabinet before turning on. Severe damage from lack of ventilation may result otherwise.

PLACEMENT . . . The amplifier may be placed within reach of the controls, if desired, and the speaker cabinet may be located anywhere up to 25 feet away. Or it preferred, the amplifier may be set on top of the speaker cabinet. Any excess wire should be folded double and wrapped around your hand until it forms a small hank approximately the size of a fist, then tucked into the elastic retainer on the inside wall of the speaker cabinet.

POWER SUPPLY . . . **CAUTION:** This amplifier is designed for operation from 105-125 volt, 60 cycle A.C. Never connect to a power supply having a different voltage or frequency.

SWITCHES . . . The main switch turns the amplifier on or off. Allow 60 seconds to warm up. The Standby switch permits the amplifier to be kept warmed up during intermission periods, ready to operate when needed without waiting. The ground switch is for minimizing line hum. The special 2 button foot switch plugs in to the panel as labeled.

CHANNEL ONE . . . Two Inputs and three controls provided. Set tone controls as desired. Set volume control to lowest number that gives sufficient loudness. When channel 1 is not used, set volume control to zero.

CHANNEL TWO . . . This channel contains both Reverberation and Tremolo. The controls marked strength and Speed regulate the Tremolo. The control marked Depth is for adjusting Reverberation. Set as desired. When no Reverb is desired turn knob to extreme left until switch clicks off. **NOTE:** The Reverb unit contains microphone elements that are sensitive to vibration. Accidentally bumping the amplifier while Reverb is in use may cause loud noises. These sounds are harmless though they may be startling.

NORMAL CARE AND MAINTENANCE

TUBES . . . Check tubes once a year, or more frequently if amplifier is subject to constant or severe use. When replacing tubes take care to put them in the correct sockets and see that the base pins are fully inserted.

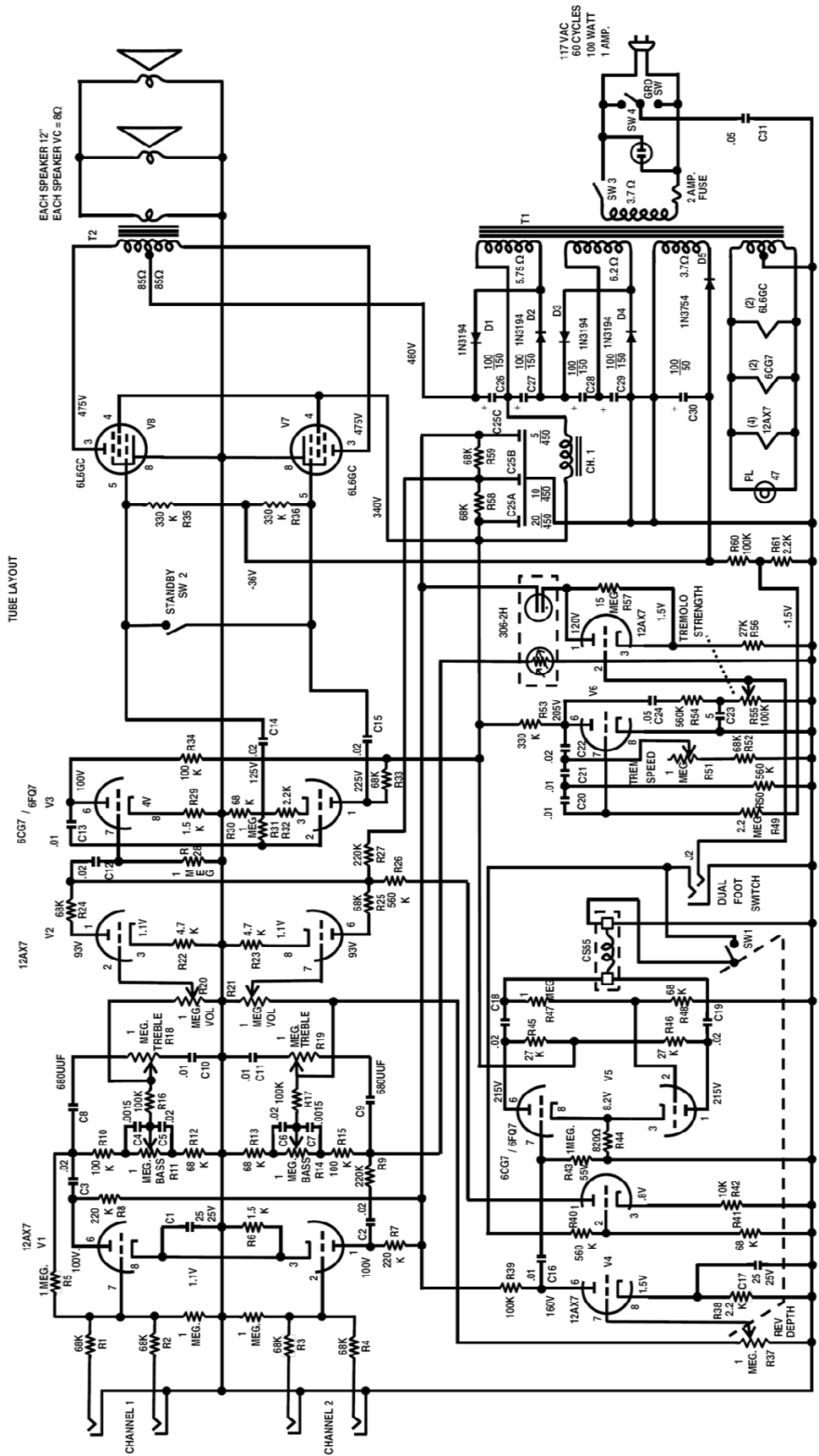
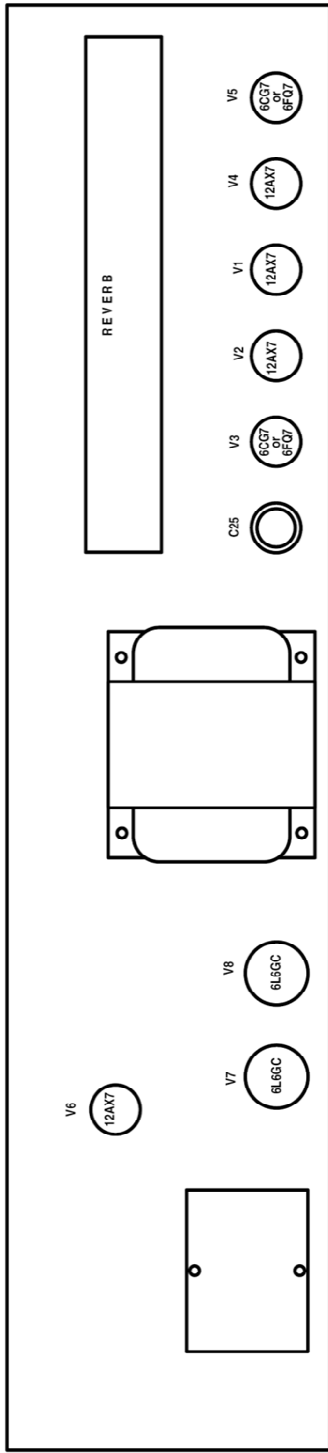
SPEAKERS . . . It is important to realize that the useful life of the speakers will depend on the style of playing. A smooth style that avoids rattling the speakers will preserve their life and be more effective musically. A style that forces the speaker will cut its life very short.

FUSE . . . A protective safety fuse is located on the back panel. It may be removed for examination or replacement, after first disconnecting, the amplifier from the power supply. Blowing out a fuse may be a warning signal of trouble in the amplifier, and a careful, checkup should be made if this happens. Use only a 2 ampere type 3 AG for replacement.

FEEDBACK . . . Do not use an instrument or microphone too close to the amplifier. If too close, a loud tone or howl in the amplifier may be caused by the acoustical effect of vibrations from the loudspeaker reflecting back into the instrument or microphone. It is preferable to have the amplifier well to the right or left of your playing or singing position.

NOTES:

1. VALUES OF CAPACITORS IN MFD
ALL RESISTORS ARE 1/2 WATT UNLESS
OTHERWISE NOTED.
2. VOLTAGES MEASURED FROM POINTS
INDICATED TO CHASSIS WITH 20,000
OHMVOLT METER.



SCHEMATIC DIAGRAM OF SILVERTONE CHASSIS 185.11040