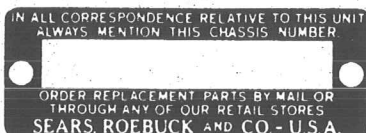


PARTS LIST  
AND  
INSTRUCTIONS  
FOR  
OPERATING  
YOUR

*Silvertone*

GUITAR AMPLIFIER



When ordering chassis parts or writing us about this guitar amplifier, always give the chassis number indicated on the metal tag (pictured above) on the top of the chassis.

IMPORTANT

PLEASE READ THESE INSTRUCTIONS VERY CAREFULLY BEFORE OPERATING YOUR GUITAR AMPLIFIER.

THE INSTRUCTIONS TELL YOU:

1. How to set up and operate your guitar amplifier properly so that you will obtain the finest possible reproduction.
2. How to keep your guitar amplifier in good condition.
3. How to obtain proper service attention should it ever be required.

IF YOU FOLLOW THE INSTRUCTIONS CAREFULLY YOU WILL BE ASSURED OF THE FINEST PERFORMANCE AND CONTINUED SATISFACTION BUILT INTO ALL SILVERTONE GUITAR AMPLIFIERS.

SEARS, ROEBUCK AND COMPANY

KEEP THIS BOOKLET. IT CONTAINS VALUABLE SERVICE INFORMATION.

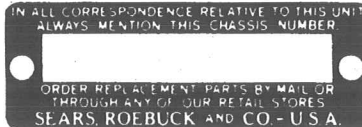
# Silvertone

GUITAR AMPLIFIER

CATALOG NO. 1306

110-125 Volts  
50-60 Cycles

75 Watts



## LICENSE NOTICE

LICENSED UNDER U. S. PATENTS OF AMERICAN TELEPHONE AND TELEGRAPH COMPANY AND WESTERN ELECTRIC COMPANY, INCORPORATED, FOR USE ONLY IN PUBLIC ADDRESS SYSTEMS FOR DISTRIBUTION FROM RADIO BROADCASTING SETS OR MUSICAL INSTRUMENTS AND SPEECH INPUT SYSTEMS AND MONITORING SYSTEMS FOR RADIOTELEPHONE BROADCASTING STATIONS.

### HOW TO ORDER PARTS FOR YOUR SILVERTONE GUITAR AMPLIFIER.

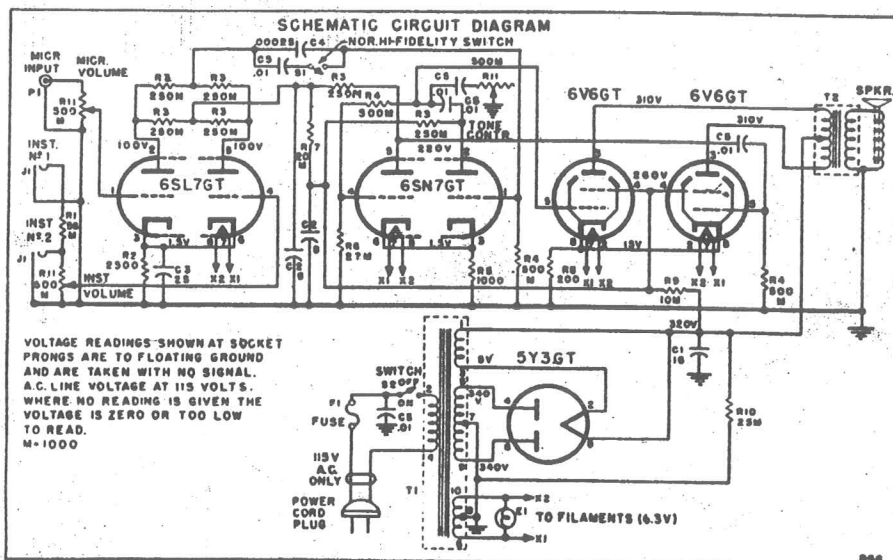
These authorized replacement parts may be ordered through any Sears Retail Store or Mail Order Store which serves the territory in which you live. Prices upon application from Sears, Roebuck and Company. Parts are shipped prepaid.

When ordering parts always give:

1. The PART NUMBER (number printed on part, if different from that shown in this list) and the DESCRIPTION. When no number is assigned, order by DESCRIPTION and RATING.
2. The CHASSIS and CATALOG NUMBERS. The chassis number will be found on a metal plate (pictured above) on the top of the chassis.

### PARTS LIST

SCHEMATIC LOCATION	PART NO.	DESCRIPTION	SCHEMATIC LOCATION	PART NO.	DESCRIPTION
T1	300	Transformer, Power	C1	1000	Capacitor, 16 MFD, 450 volt
T2	301	Transformer, Output	C2	1001	Capacitor, 8 MFD, 450 volt
E1	200	Pilot Lite Assembly Only	C3	1100	Capacitor, 25 MFD, 25 volt
	400	AC Cord and Plug (115 volt)	C4		Capacitor, .00025 MFD 600 volt
P1	500	Connector, Microphone Input	C5		Capacitor, .01 MFD, 600 volt
J1	501	Connector, Guitar Input	R1		Resistor, 56,000 ohm, 1/2 watt
	600	Knob, Volume or Tone	R2		Resistor, 2500 ohm, 1/2 watt
R11	800	Control, 500,000 ohm, Vol. or Tone	R3		Resistor, 250,000 ohm, 1/2 watt
S1	1500	Switch, High Fidelity	R4		Resistor, 500,000 ohm, 1/2 watt
S2	1501	Switch, SPST AC, Toggle	R5		Resistor, 1000 ohm, 1/2 watt
	1600	Speaker, 12" PM	R6		Resistor, 27,000 ohm, 1/2 watt
	7	Instruction Booklet	R7		Resistor, 20,000 ohm, 1/2 watt
F1		Fuse AG, 3 Amp.	R8		Resistor, 200 ohm, 5 watt
			R9		Resistor, 10,000 ohm, 5 watt
			R10		Resistor, 25,000 ohm, 5 watt



Part No. 7  
367.800

## OPERATION

### POWER SUPPLY:

**CAUTION:** Be ABSOLUTELY CERTAIN that the current supply to be used is 110-125 volt, 50-60 cycle AC ONLY. Any other type of current may burn out the amplifier

Connect power cord plug found at lower rear of cabinet to any convenient electric outlet. Be sure plug is fully inserted in receptacle and is making good contact. Turn all control knobs to full left position and push AC switch at right of control panel down to "ON" position. The ruby glass lense in the center of the panel will light up when the amplifier is turned on. Allow one to two minutes for your amplifier to warm up before attempting to use it.

### CONNECTING THE INSTRUMENT:

This amplifier has a capacity for two musical instruments and a microphone. Two receptacles or "jacks", marked #1 and #2, for plugging in the instruments will be found at the extreme left of the control panel. If only one instrument is to be used it may be plugged into either jack, #1 or #2. It is necessary that the extension cord from instruments terminate in a "telephone type" plug having one lead wire and one shielded covering. If two instruments are used plug into #1 and #2.

### CONNECTING THE MICROPHONE:

One male connector will be found to the left of center on the control panel, marked "MICROPHONE INPUT", for connecting the microphone. The microphone extension cord must terminate in a screw type cable connector having one lead wire and one shielded covering. This must be screwed down securely to the connector on the panel.

Any high impedance type microphone such as a crystal or dynamic will operate satisfactorily with this amplifier.

### INSTRUMENT VOLUME CONTROL:

Although electric guitars are generally equipped with built-in volume controls, an additional adjustment is provided on the amplifier control panel. This permits a balancing of output between two instruments, or a proper mixing of output between instruments and microphone.

The control knob to the right of the instrument receptacles marked #1 and #2 "VOLUME" simultaneously controls any instruments plugged into the jacks.

It is most desirable to operate the amplifier at something less than full volume unless the room or hall is unusually large. Too much volume may cause distortion of musical tones.

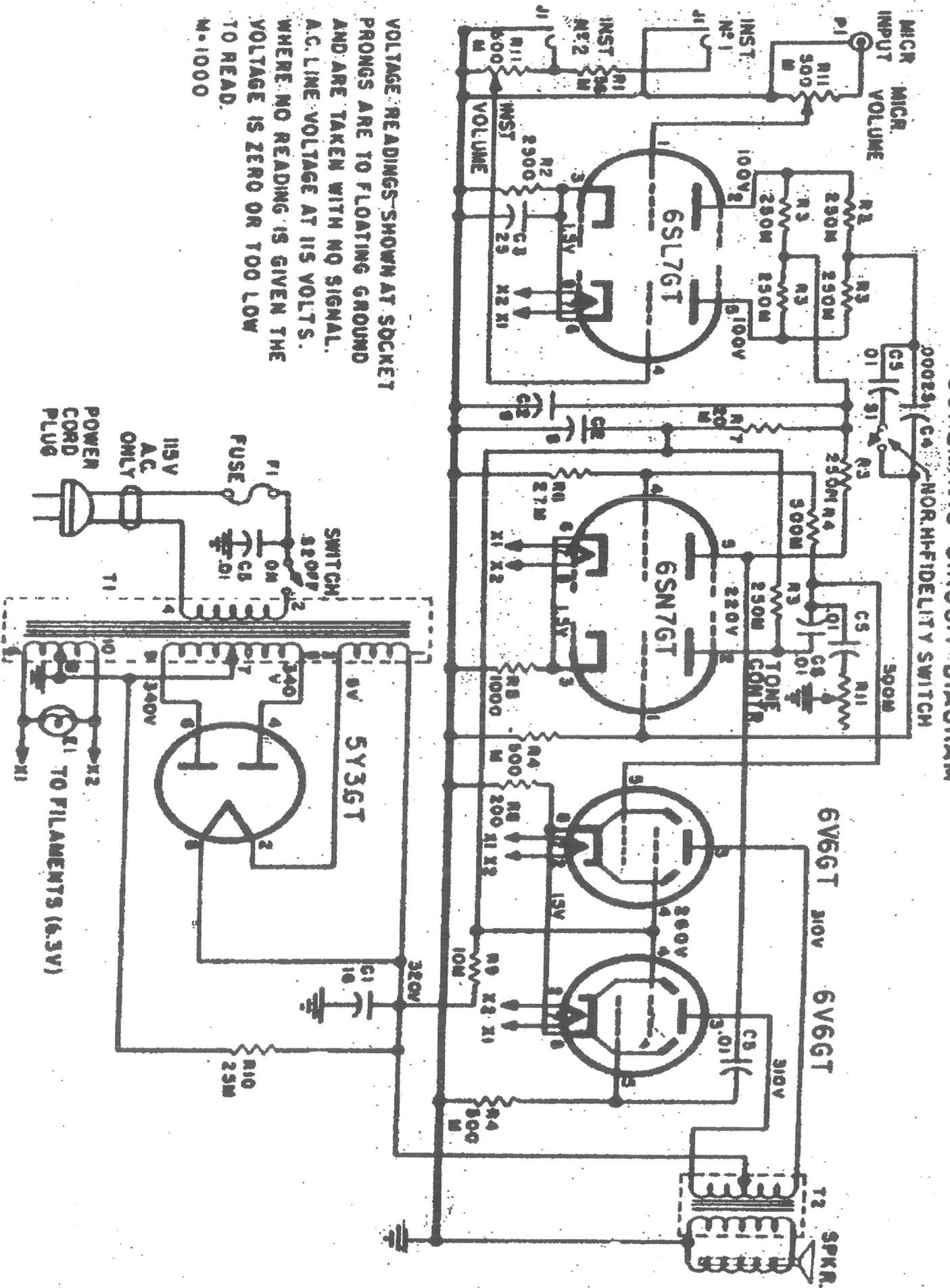
### MICROPHONE VOLUME CONTROL:

The control knob to the right of the microphone connector controls the volume of the microphone reproduction independent of any instrument. Turn the knob to the right until a "feedback" or squeal occurs in the speaker, then reverse it until the volume is below the "feedback" point. This setting will vary considerably depending upon the size of the room, its acoustical properties, and the distance between the microphone and the speaker. Feedback is the limiting factor in all public address installations and occurs when the level of sound from the speaker is sufficient to activate the microphone. It is desirable to set the microphone as far as possible to the left or right and behind the speaker. If the microphone is not in use turn the control all the way off.

### tone control:

The control knob to the right of the microphone volume control marked "TONE CONTROL" adjusts the tonal quality of the reproduction. If the knob is rotated into the area marked "BASS" the bass, or low tones will be emphasized and the overall reproduction subdued and mellowed. In the area marked "TREBLE" the treble or high tones will be emphasized and the overall reproduction made brilliant. Adjust the tone control knob to the position most pleasing to you, or to obtain the desired effect from the music you are playing.

# SCHEMATIC CIRCUIT DIAGRAM



VOLTAGE READINGS SHOWN AT SOCKET PRONGS ARE TO FLOATING GROUND AND ARE TAKEN WITH NO SIGNAL. A.C. LINE VOLTAGE AT 115 VOLTS. WHERE NO READING IS GIVEN THE VOLTAGE IS ZERO OR TOO LOW TO READ. M=1000