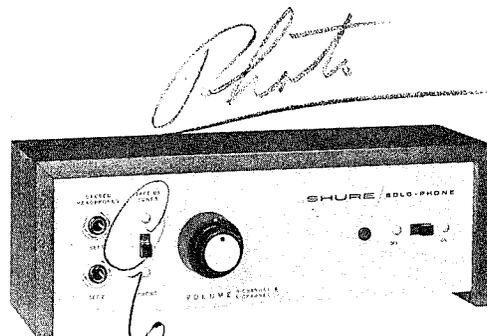


**HOW TO USE YOUR SHURE SOLO-PHONE  
MODEL SA-4 MUSICAL INSTRUMENT  
HEADPHONE AMPLIFIER**



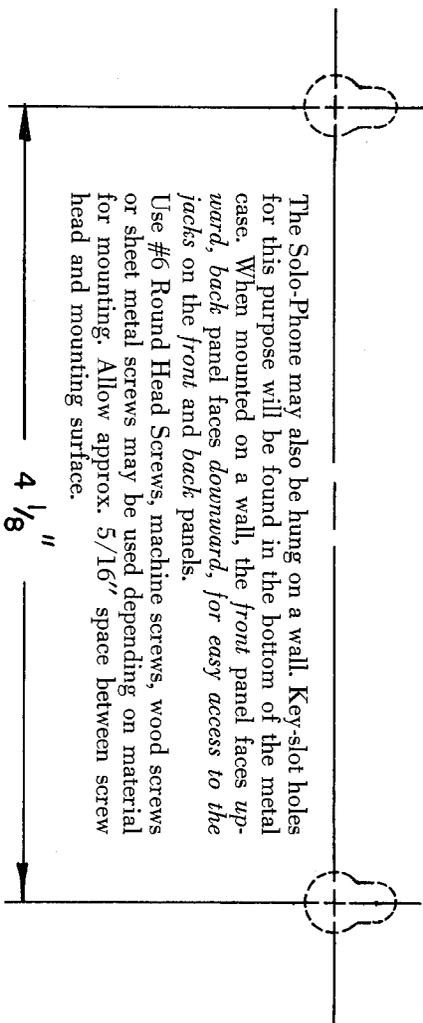
The Shure Solo-Phone Model SA-4 is a quality high-fidelity all-transistor (solid-state) amplifier specially designed for listening to electrified instruments through headphones. The Clear-Teq Model HP-2S Headphones are ideally suited for use with this amplifier.

**GENERAL INSTRUCTIONS**

To play a guitar or other electrified instruments through the Solo-Phone, proceed as follows:

1. Insert the plug on the end of the guitar cable into one of the jacks on the *back* panel of the Solo-Phone.
2. Insert the plug at the end of the headphone cable into one of the jacks on the *front* panel of the Solo-Phone.
3. Insert the power-line cord of the Model SA-4 Solo-Phone into a 115-125 volt AV 50/60 cycle power outlet.
4. Turn the Solo-Phone ON-OFF switch to "ON."
5. With the headphones in place over your ears, you should be able to hear yourself playing the guitar through the headphones. Adjust the volume control on the front panel of the Solo-Phone at the halfway (12 o'clock) position. Adjust the volume control on the guitar for the sound level you desire.

**HOLE TEMPLATE FOR WALL MOUNTING**



The Solo-Phone may also be hung on a wall. Key-slot holes for this purpose will be found in the bottom of the metal case. When mounted on a wall, the *front* panel faces *upward*, *back* panel faces *downward*, for *easy access to the jacks* on the *front* and *back* panels.

Use #6 Round Head Screws, machine screws, wood screws or sheet metal screws may be used depending on material for mounting. Allow approx. 5/16" space between screw head and mounting surface.

## FOR PRIVATE PRACTICE

Follow instructions above. Great for practicing without disturbing others at home or away. Ideal for apartment dwellers, students, and armed forces members.

### TO DEVELOP MICROPHONE TECHNIQUE

Follow "General Instructions" above. Plug your microphone into the remaining jack on the *back* panel of the Solo-Phone. (A Shure Professional Entertainer microphone is an ideal choice for this purpose.) Speak or sing into the microphone and adjust the Solo-Phone volume control for proper voice level. *Now*, adjust the instrument's volume control for proper balance between voice and instrument.

### TWO CAN PLAY AND HEAR AT ONCE

Plug one electrified instrument into either of the two jacks on the *back* panel of the Solo-Phone. Plug second instrument into the remaining jack. Plug one set of headphones into either of the two jacks on the *front* panel of the Solo-Phone. Plug the second set of headphones into the remaining jack. Now two instrumentalists can play, and each one can hear *both* of *their* sounds to sharpen up instrumental interplay.

### OFFSTAGE TUNE-UP

Using the technique detailed above, the two instruments can be tuned to each other. Tune up before you go on stage—in complete privacy, with complete accuracy. Additional instruments in a combo can, in turn, be tuned up to the lead instrument by using this technique.

### IDEAL FOR LESSONS

As one student plays through the Solo-Phone and uses his headphones, the teacher can plug in his set of headphones and listen to the student's performance. Permits classroom teaching of electrified instruments while keeping music schools quiet and reduces student embarrassment.

### ADDITIONAL SUGGESTIONS FOR PRIVATE PRACTICE:

#### 1. PERFECT YOUR FINGERING —

Follow "General Instructions." You will hear music exactly as it would be amplified by your large amplifier. Because of the high-fidelity characteristics of the Solo-

Phone, you will hear a faithful rendition of overtones and fingering sounds, at the same relative volume.

#### 2. PLAY ALONG WITH TAPES —

Using "minus one" tapes, or tapes of your own group, you play along—in complete privacy. You hear both tape and instrument through your headphones. Follow "General Instructions", then plug the tape recorder into the remaining jack on the *back* panel of the Solo-Phone. Adjust volume control on the tape recorder for the sound level you desire.

### TECHNICAL NOTES

Gain:	5.0 m.v. input produces 78.5 m.v. output
Frequency Response:	20-20,000 cps. Tapered at higher frequencies to provide compensated response to match electronic pickups on musical instruments.
Input Impedance:	High
Output Impedance:	4 to 16 ohms, with 8 ohms optimum
Total Harmonic Distortion:	Less than 1%
Operating Voltage:	117 volts, 50/60 cycles
Case:	Black case with white panel
Dimensions:	10 $\frac{1}{4}$ " wide x 3 $\frac{1}{2}$ " high x 3 $\frac{7}{8}$ " deep
Net Weight:	2 lbs.

### GUARANTEE:

This Shure high fidelity component is guaranteed to be free from electrical and mechanical defects for a period of one year from date of shipment from the factory, provided all instructions are complied with fully. In case of damage, it is essential that you carefully repack the unit and return it to the factory for repair. Our guarantee is voided if the basic assembly has been opened or subjected to unreasonably rough handling.

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