

TEECO

MODEL 257 STEREO AMPLIFIER

INSTRUCTION MANUAL

BE SURE TO KEEP THIS INSTRUCTION BOOKLET AVAILABLE FOR READY REFERENCE

GENERAL DESCRIPTION

Model 257 High Fidelity Stereo Amplifier consists of two separate 10 watt power amplifiers that can be used with a ceramic or crystal cartridge, AM-FM tuners, FM Multiplex tuners, or other auxiliary equipment of a similar nature. The unit has been designed to operate from two separate signal input sources, or if desired, can be used as a 20 watt monaural amplifier by using only one input and having the output fed to both speakers.

The VOLUME control operates both channels simultaneously. The BALANCE control balances the output of both channels so that the volume of one channel may be raised or lowered with respect to the other. Separate TREBLE and BASS controls operate both stereo channels simultaneously.

The Amplifier has a SELECTOR switch for a choice of phono without rumble filter, phono with rumble filter, radio tuner, or other auxiliary equipment of a similar nature. The NORMAL-REVERSE slide switch is used to reverse the inputs to the channels so as to receive the program exactly as it was recorded in the Studio. Separate power ON-OFF switch permits the amplifier to be turned on without upsetting previous settings of any of the controls.

UNPACKING:

The unit is to be removed carefully from the carton and inspected for any possible damage in transit. If there is any evidence of any damage which might have occurred in shipment, notify your dealer at once, or the transportation company which delivered it. Claims for damage sustained in transit must be made upon the Carrier. Save all packing material for inspection by the claim agent who will furnish you with the proper forms and will also give you the necessary instructions for filing a claim. In addition to the Unit, there should be included in the carton the following:

1. INSTRUCTION BOOKLET
2. WARRANTY CARD

To insure proper servicing and to protect your rights under the warranty, be sure to fill in the warranty registration card without delay and mail to the factory.

WARRANTY

This unit has been very carefully inspected and tested at the factory and normally should require no service other than a semi-annual check of the tubes. Each unit is warranted to be free from defects in material and workmanship under normal use and service for a period of 90 days from date of delivery to the original purchaser. If any unit appears to be defective, the factory will repair any unit returned within said 90 days, providing all transportation charges are pre-paid, and which our examination shall disclose to our satisfaction to be defective.

This Warranty does not include free labor, nor is it applicable to any unit which shall have been subject to accident, tampered with, mis-used, abused, or altered in any manner whatsoever. Further, this Warranty shall not apply to any unit which has been connected improperly.

It is recommended that any unit on which service is required, be processed through your dealer wherever possible.

TRUTONE ELECTRONICS, INC.

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INSTALLATION

Because of its attractive appearance, Model 257 Stereo Amplifier may be placed on a table or a book shelf. Altho the unit has ample vents for normal ventilation, sufficient space should be allowed around it to permit free air flow.

Do not put books or other objects on top of the Amplifier as this would reduce the ventilation and result in reducing the life of the components and tubes.

If installed in a cabinet, the cover is to be removed, and ample ventilation must be allowed around the unit.

Plug the AC line cord in any outlet furnishing 105 to 120 volt, 60 cycle AC.

An AC receptacle is located on the rear of the chassis to supply power to other components such as tuner or phonograph motor. The auxiliary equipment connected into the AC Receptacle is controlled by the On and Off switch so that turning off the amplifier, turns off all equipment.

CONNECTIONS

All connections are made on the rear panel of the Receiver.

SPEAKERS: Two speakers with a voice coil impedance of from 4 to 8 ohms are to be used for stereo operation. Any ordinary insulated wire such as parallel lamp cord is suitable for hooking up the speakers to the Receiver. Connect one set of speaker leads to screw terminals marked LEFT, and the other to RIGHT.

For connecting record players, tape play-back units, or other auxiliary equipment, use shielded patch cord leads with phono plugs properly connected.

DO NOT TURN ON THE RECEIVER UNTIL THE SPEAKERS HAVE BEEN CONNECTED TO THE TERMINAL STRIPS AS POSSIBLE DAMAGE TO THE EQUIPMENT MAY OCCUR.

PHONOGRAPH CERAMIC OR CRYSTAL CARTRIDGE: Connect the two leads from the cartridge to the jacks marked CER-PHONO-LEFT and RIGHT.

TUNER: Connect the output of the FM Tuner to the jack marked TUNER-LEFT and the AM Tuner to the jack marked TUNER-RIGHT.

MULTIPLEX TUNER OR ADAPTOR: Connect one output lead from the FM Multiplex tuner or adaptor to the jack marked AUX-LEFT and the other lead to the jack marked AUX-RIGHT.

With a tape playback unit that has a built in pre-amplifier, connect the two leads to the jacks marked AUX-LEFT and RIGHT.

For Monophonic listening with a monaural phonograph, tuner or tape recorder, plug the outputs of the respective units into the LEFT jacks. When using the amplifier for a monaural operation, it is desirable that both speakers be connected to the proper terminals to prevent possible damage to the equipment.

OPERATION OF STEREO AMPLIFIER

FUNCTION SELECTOR: A four position switch is used to select the desired input to the amplifier, and provides for Tuner or for Phonograph operation, or for a Tape Play-back unit with its own pre-amplifier, or for Auxiliary equipment of high level output such as the audio output of a TV set, or a multiplex unit.

NORMAL-REVERSE: The NORMAL-REVERSE switch is used for the purpose of selecting the proper phasing of the program input. Stereophonic sound normally is properly phased so that certain sounds will come from the left channel and other sounds from the right channel. Sometimes the connections to the jacks may be in correct and it would be desirable to reverse the positions of the sounds without interchanging the

With the NORMAL-REVERSE slide switch set to NORMAL, the signal input will be fed through the LEFT channel and speaker. With the setting on REVERSE the signal input will go through the RIGHT channel and speaker. Listen to the program with the switch in the NORMAL position and then again in the REVERSE position and select the position that is most pleasing.

VOLUME CONTROL: The VOLUME control adjusts the volume of both channels simultaneously.

BALANCE CONTROL: The BALANCE control balances the volume of one speaker with respect to the other.

TONE CONTROLS: The BASS and TREBLE are to be set with the marking in a vertical position for flat response. These controls can either boost or reduce the bass and treble of the stereo system. The bass and treble controls should be adjusted to suit the listener to compensate for room and speaker characteristics.

STEREO-MONAUURAL: This slide switch permits the Stereo Amplifier to be used either for Stereo or Monophonic listening. When in the STEREO position, each input goes through its separate amplifier and connects to its respective speaker. When in the MONAUURAL position, the two inputs are tied together so that input from a single phonograph, tuner or tape, can be heard through both speakers.



