

TEECO

MODEL 2225 STEREO AMPLIFIER

INSTRUCTION MANUAL

BE SURE TO KEEP THIS INSTRUCTION BOOKLET AVAILABLE FOR READY REFERENCE

GENERAL DESCRIPTION

Model 2225 is a High Fidelity Stereo Amplifier complete with dual stereo pre-amplifiers and two separate 15 watt power amplifiers, and can be used with a magnetic cartridge, a tape head, ceramic or crystal cartridge, AM-FM 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 30 watt monophonic amplifier by using only one input and having the output fed to both speakers.

Model 2225 is provided with the Tape Monitor feature, which permits a tape recorder to monitor the recording the instant it is being taped from the air on all recorders that have a third tape head and preamplifier.

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

The unit has a Function Selector switch which selects tape or phono input, radio tuner, or other auxiliary equipment.

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.

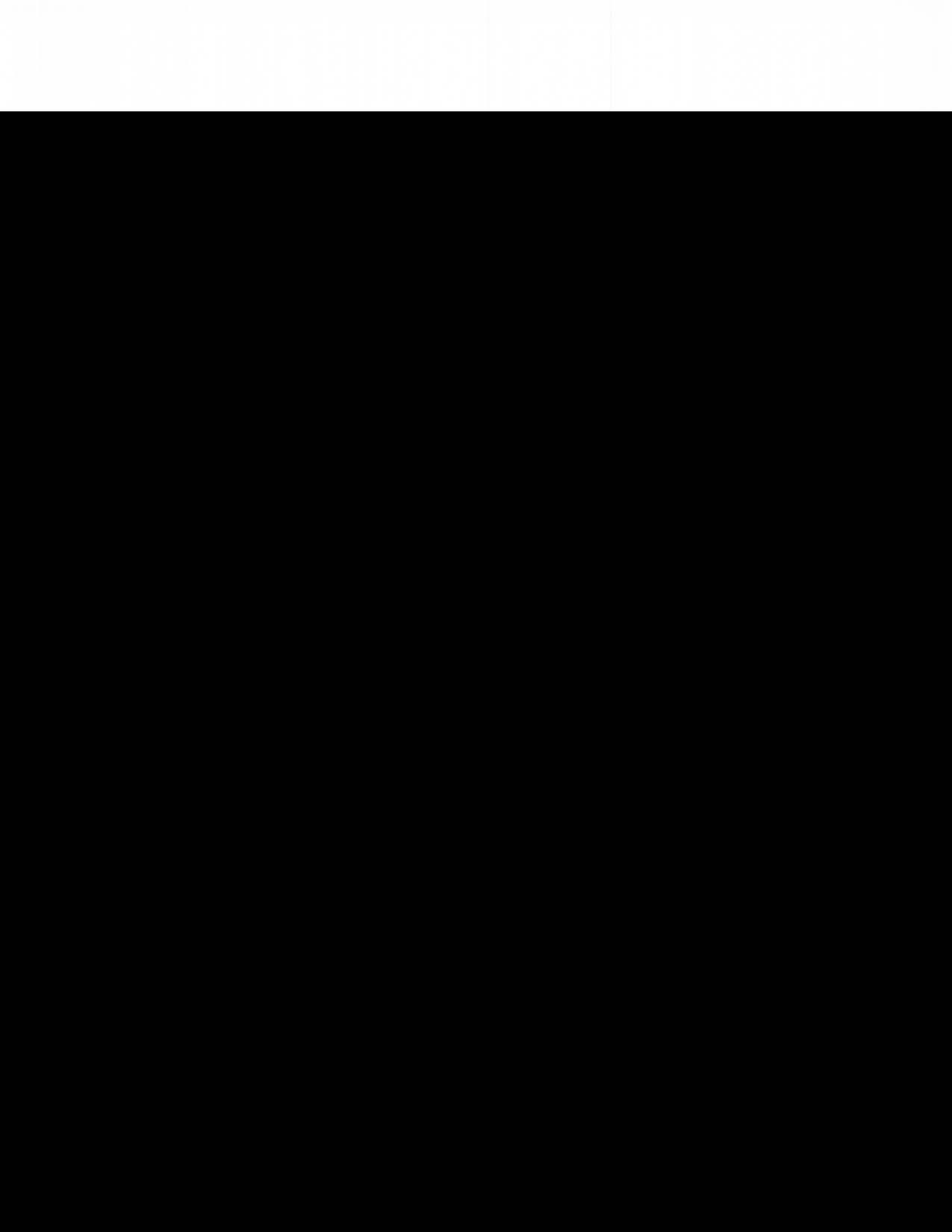
WARRANTY

Your Teeco 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.

TRUTONE ELECTRONICS, INC.

14660 Raymer St. • Van Nuys, Calif.



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

This Warranty is expressly in lieu of all other Warranties, expressed or implied, and of all other obligations or liabilities on our part. We neither assume nor authorize any other person to assume for us any other liability in connection with the products manufactured by Trutone Electronics, Inc.

INSTALLATION

Because of its attractive appearance, Model 2225 Stereo Amplifier may be placed on a table or a book shelf. Although 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.

Two AC receptacles are 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 at the rear of the amplifier.

SPEAKERS: Two speakers are to be used for stereo operation. Connections on the rear of the unit permit the use of either a 4, 8, or 16 ohm voice coil impedance. Any ordinary insulated wire, such as parallel lamp cord, is suitable for hooking up the speakers to the amplifier. Connect one lead from each speaker to the terminal marked "O" on the Terminal Strip and the other end of the speaker lead to the terminal that is closest to matching the impedance of the speaker that is being used. Connect one speaker to LEFT SPEAKER and the other to RIGHT SPEAKER.

DO NOT TURN ON THE RECEIVER UNTIL THE SPEAKERS FOR LEFT SPEAKER AND RIGHT SPEAKER HAVE BEEN CONNECTED TO THE TERMINAL STRIPS, AS POSSIBLE DAMAGE TO THE EQUIPMENT MAY OCCUR.

For connecting record players, tape recorders, or other auxiliary equipment, use shielded patch cord leads with a phono plug properly connected.

STEREO PHONOGRAPH MAGNETIC CARTRIDGE (Low Level): Connect the two leads from the cartridge to the jacks marked MAG-PHONO-LEFT and RIGHT.

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

STEREO TAPE PLAYER: When using a low level magnetic tape head, plug the output leads into the two jacks marked TAPE-LEFT and RIGHT. This permits the playback head to operate through a built-in equalized preamplifier.

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

The amplifier can be used to make stereo tape recordings as you are listening to a stereo program on FM by merely connecting tape recorder to jacks marked TAPE OUT LEFT and RIGHT.

TAPE MONITOR INPUTS are provided in the rear of chassis and a monitor switch is provided on the front panel. This arrangement permits you to listen to the program material being recorded on your tape the instant it is being recorded, so that you may evaluate its quality. The tape recorder must have the provision for a third tape head and preamplifier to take advantage of the above function. With recorders of this type the TAPE OUT jacks on the rear of the receiver are connected to the recording pre-amplifier jacks on the tape recorder, and the TAPE MONITOR jacks on the rear of the receiver are connected to the playback pre-amplifier jacks of the tape recorder.

OPERATION OF MODEL 2225 STEREO AMPLIFIER

On the front panel of Model 2225 are located a Function Selector switch, a Stereo-Monaural selector switch, a volume control, a speaker balance control, a bass control, a treble control, a power off-on switch, and a tape monitor switch.

FUNCTION SELECTOR: A four position switch is used to select the desired input to the amplifier, and provides for:

Tape

Phono

Tuner

Auxiliary equipment of high level output such as the audio output of a TV Set

STEREO-MONAUURAL: This 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 MONO position, the two inputs are tied together so that input from a single phonograph, tuner or tape, can be heard through both speakers.

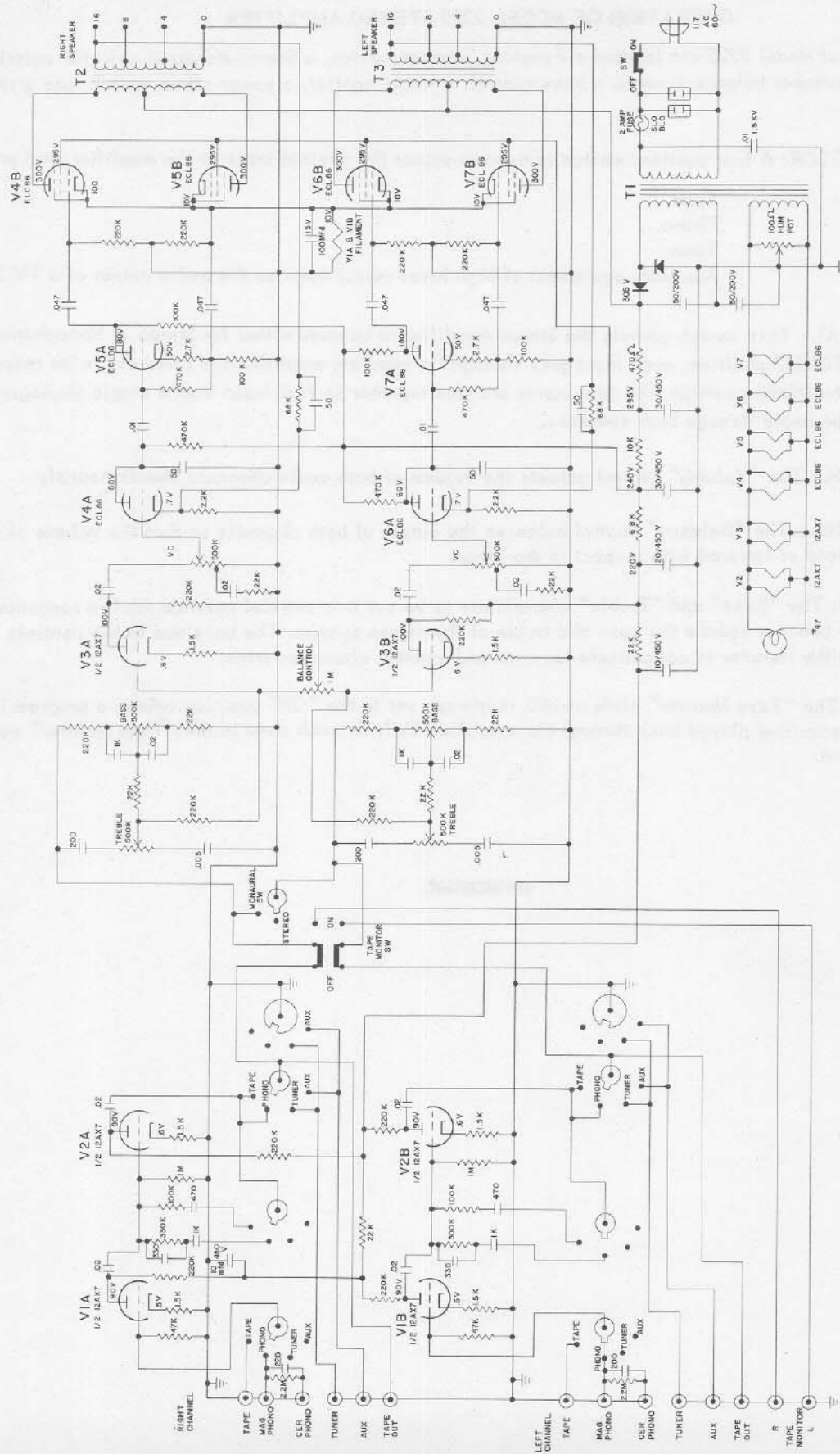
VOLUME CONTROL: The "Volume" control adjusts the volume of both audio channels simultaneously.

BALANCE CONTROL: The "Balance" control balances the output of both channels so that the volume of one speaker may be raised or lowered with respect to the other.

TONE CONTROLS: The "Bass" and "Treble" controls are to be set 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.

TAPE MONITOR: The "Tape Monitor" slide switch is always set to the "Off" position unless a program is to be taped and at the same time played back through the amplifier. Only in such case is the "Tape Monitor" switch set to the "On" position.





TRUTONE ELECTRONICS, INC.

VAN NUYS, CALIFORNIA

TITLE: STEREO MODEL 2222 AMPLIFIER

STEREO DUAL 15 WATT 85 WATTS

117 V.A.C. 60 CYCLE

ENGINEER: H. LOWEY

DATE: 10-9-62

DRAWN BY: ASSOCIATED DESIGNERS

DATE: 11-9-62