

STRADFORD

MODEL 480 HiFi-TV ADAPTOR

Model 480 is a high fidelity adaptor designed to reproduce the sound from any television receiver through a HiFi amplifier or tape recorder, without connection to the circuitry of the television set. The adaptor is supplied with a six foot insulated wire with a tube clamp on one end for connection to the television receiver, and with a six foot patchcord for connection to the amplifier or recorder.

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.

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

Remove back from TV receiver and place tube clamp around glass of sound detector tube, making sure that tube clamp does not touch any part of the chassis. If the sound detector tube has a shield, remove the shield and put the tube clamp in its place. Feed tube clamp wire through one of the holes in the TV receiver back, then replace back to its original position.

Connect the loose end of the tube clamp wire to terminal "A" on the Adaptor. This wire may be extended up to 25 feet or more in normal installations, but should extraordinary interference be present, a coaxial cable should be used and its shield connected to terminal "G" on the Adaptor.

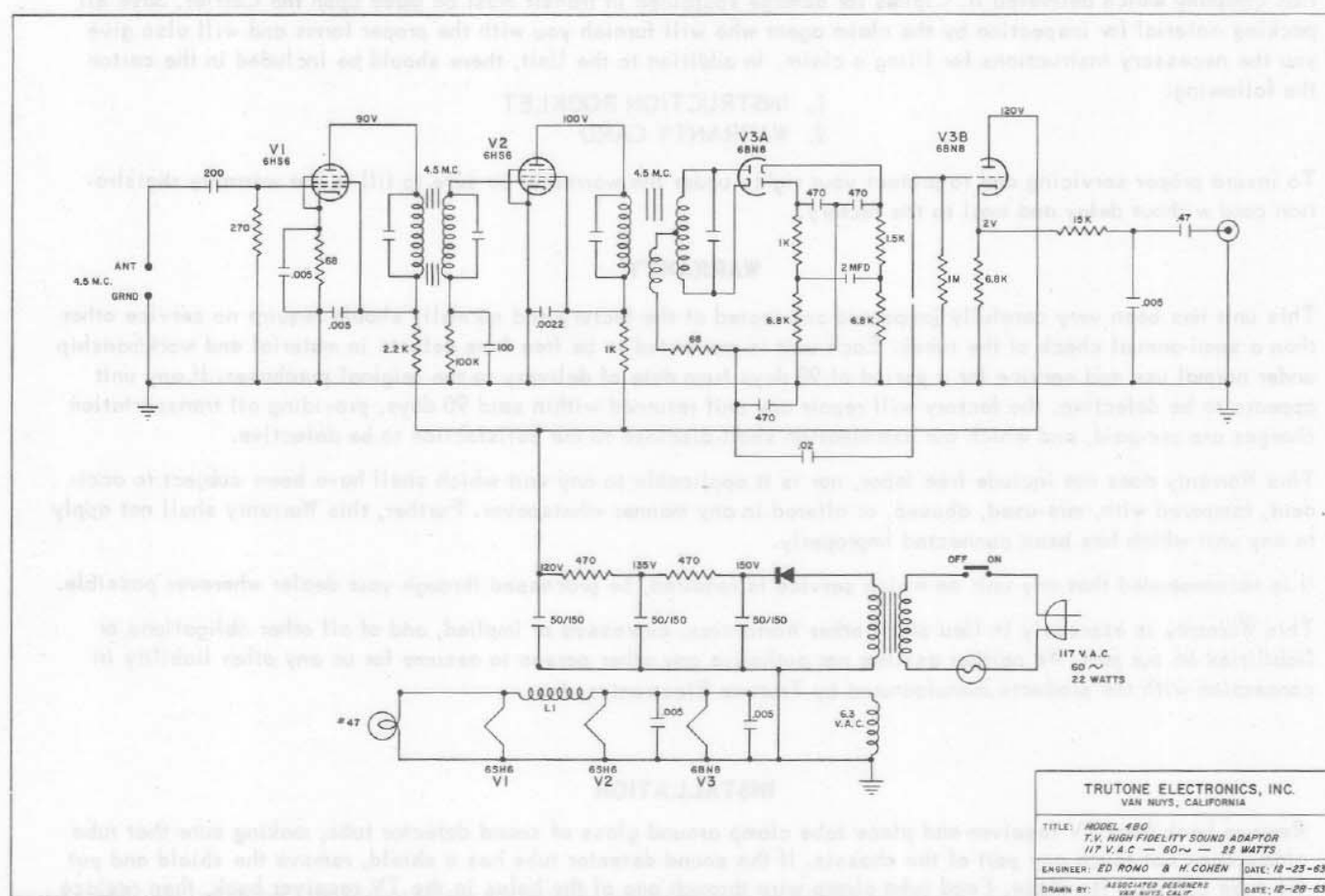
Connect one end of patchcord to jack on rear panel of the Adaptor, and the other end to the "Auxiliary" jack of the HiFi amplifier or to "Tuner" or "Phono" input of tape recorder. The patchcord may be extended, if desired, without suffering loss of tone quality.

Tune TV receiver to desired channel, lower volume control on TV set to zero, then adjust volume control on HiFi amplifier or tape recorder to desired level. Both the TV set and HiFi or tape machine may operate simultaneously by adjusting respective volume controls to desired volume.

OPERATION

When the tube clamp is placed around the glass of the sound detector tube in the television set, by means of capacity coupling it takes off the sound at full fidelity on the 4.5 mc sound IF band. The incoming signal to the Adaptor is amplified at 4.5 mc and is ratio-detected and then fed through a cathode follower with an output of approximately $\frac{1}{2}$ volt. Due to the use of the cathode follower tube, the HiFi or tape machine may be placed at extended distances from the Adaptor, without loss of quality of reproduction.

Model 480 may be placed either at the television set or at the HiFi amplifier or tape recorder, whichever is the more convenient. The Adaptor has been pre-set at the factory and requires no further internal adjustment.



TRUTONE ELECTRONICS, INC.

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