

TELESOUND

...Breaking the TV Sound Barrier



Model 1300

Congratulations! You are now the proud owner of the most versatile audio amplification system ever designed for home entertainment. TeleSound™ with TeleStereo is the culmination of years of research in solid state technology, micro electronics, and psychoacoustics, a product truly born of space age technology. We at TeleSound, Inc. thank you for your order and wish you a lifetime of enjoyment.

TeleSound

M-1300

SPECIFICATIONS

FTC POWER OUTPUT/CHANNEL

5 Watts average continuous sine wave power into 4 Ohms with less than .1% harmonic distortion over a bandwidth of 20 Hz to 16 KHz with both channels driven.

POWER OUTPUT AT CLIPPING PER CHANNEL

8 Watts average continuous power at 1 KHz one channel driven. 7 Watts average continuous both channels driven at 1 KHz.

FREQUENCY RESPONSE (Stereo Inputs)

Base and treble mid way ± 2 DB 20 Hz - 18 KHz
Control Range: Base control - ± 8.5 DB at 100 Hz
Treble control ± 13 DB at 10 KHz

INTERMODULATION DISTORTION

Less than .2% at 4 ohms at 5 watts each channel

TOTAL HARMONIC DISTORTION

Less than .2% at 4 ohms at 5 watts each channel

INPUT SENSITIVITY (Stereo Input)

.17 V.R.M.S. input produces 5 watt output with volume control set for maximum

INPUT OVERLOAD (Stereo Input)

Input clipping occurs at .55 V.R.M.S.

INPUT SENSITIVITY (Mono Input)

.16 V.R.M.S. input produces 5 watts per channel with volume control set for maximum


INPUT IMPEDENCE (Mono Input)

8 ohms unbalanced

INPUT IMPEDENCE (Stereo Input)

50 K Ohms unbalanced (each stereo input)

POWER REQUIREMENTS

117 V.A.C. at 200 Ma. maximum ( 4 watts)

75 Ma. Idle ( 9 watts)

(inputs to class II UL transformer)

INPUT CONNECTORS

RCA Phono Jack

OUTPUT CONNECTORS

1/4" Stereo Phone Jack

HEADPHONE OUTPUT IMPEDENCE

220 Ohm series each channel (to prevent damage to low power headphones)

CONTROLS

Volume - Balance - Treble - Base

DIMENSIONS

18" x 6" x 6"

WEIGHT

10 lbs. Shipping - 7 lbs. actual

COLOR

Grey

SPEAKERS

Two 5" Circular full range - Impedence 4 Ohms Power 8 watts per maximum continuous 2.4 oz. ferrite magnet

FEATURES

- The TeleStereo™ feature is designed to give you the ultimate in high fidelity sound from your present television receiver. TeleStereo's matrix circuit gives you two channels of simulated stereo sound from your television's monoural signal.
- TeleSound's mono input jack is designed to give you the TeleStereo sound, utilizing the television as the audio source.
- The power transformer is Underwriters' Laboratories listed and located physically outside of the cabinet. This is designed to prevent any magnetic field interference to your television's picture quality, should you place the unit on top of your TV receiver.
- Power output of the TeleSound stereo amplifier is a full 7 watts per channel, minimum RMS at 4 ohms, with very low distortion.
- TeleSound incorporates two high fidelity dynamic loudspeakers, designed especially for TeleSound – and you.
- TeleSound also incorporates separate bass, treble, and balance controls, which permits you even further control of your audio environment.
- A stereo headphone output is incorporated for private listening pleasures.
- An LED power indicator is incorporated to let you know the power is on.
- TeleSound is shipped with all necessary connecting cables.
- You get a lifetime warranty on parts and workmanship.

SERVICE POLICY

TeleSound Inc. has a special customer service division to answer all questions pertinent to the installation and operation of your unit. Please feel free to write to us at any time.

UNPACKING INSTRUCTIONS

Carefully unpack your TeleSound unit. Within the carton is packed the following:

- 1) TeleSound Amplification Sound System
- 2) Power Transformer, Part No. 30008
- 3) Accessory Bag Containing:
 - a) RCA jack to miniature phone plug adaptor
 - b) Y adaptor cable with RCA plug and jack
 - c) Dual audio cable with RCA to RCA plugs
 - d) Extension cable with RCA plug and 2 alligator clips
- 4) Warranty card
- 5) Instruction sheet

INSTALLATION PROCEDURE

- 1) Place the TeleSound unit on top of or near your television receiver, or video tape recorder.
- 2) Connect the power transformer cable into the power source jack located on the rear of your TeleSound unit.
- 3) Make sure that the volume on/off switch is in the OFF position.
- 4) Plug the AC power transformer into any outlet furnishing 117 volts 60 HX AC current.
- 5) Now you are ready to determine what your audio source connection will be.
 - a) **If your TV has an earphone jack**, use one side (red) of the dual audio cable. Connect this to the mono input jack at the rear of the TeleSound unit. Then connect the other end (red) to the RCA to mini phone plug adaptor. Plug in the cable with the adaptor to your earphone jack on the TV. This will automatically give you the TeleStereo feature. While connected in this manner, you will also be getting TeleStereo from your video tape recorder.

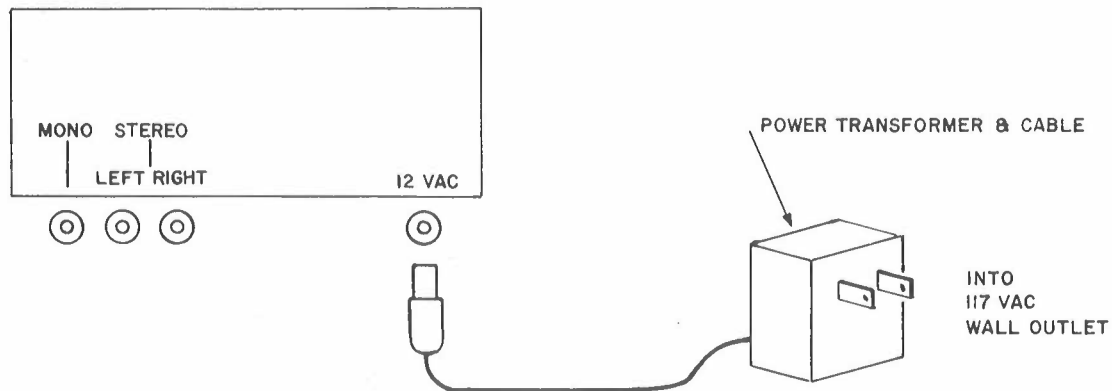
- b) **If your TV receiver does not have an earphone jack, and you wish to connect your TeleSound to your TV receiver:** Use the extension cable with two alligator clips. Connect the clips to the TV speaker lugs, as shown in diagram A. Connect RCA jack to mono input jack of TeleSound. Now TeleSound will deliver the same performance described in (a) above. We recommend that a competent TV service technician make this connection to your television receiver. Since we at TeleSound, Inc. believe in safety, we will send back to you \$10.00 if your warranty card is filled in and signed by an authorized TV repairman.

WARNING! HIGH VOLTAGE IS PRESENT INSIDE YOUR TELEVISION RECEIVER – EXTREME CAUTION MUST BE USED.

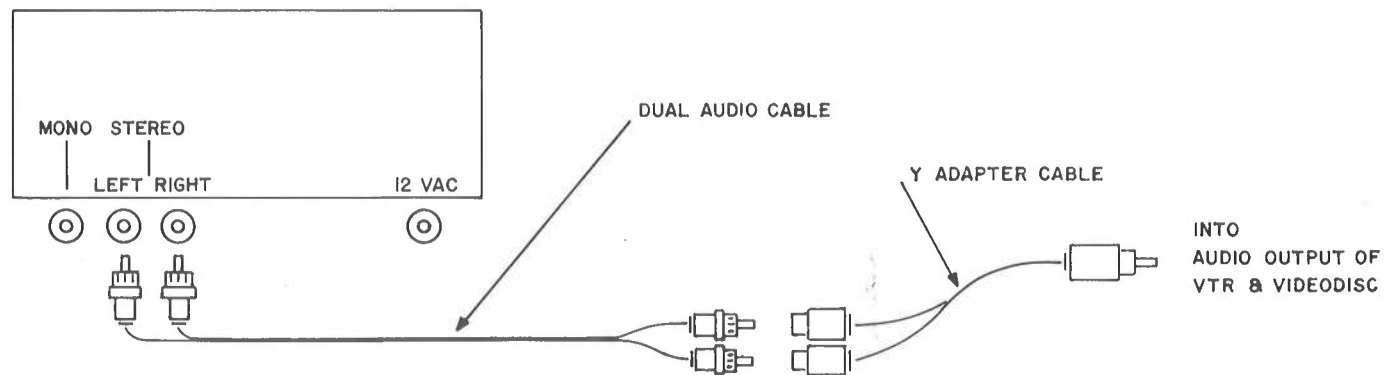
- c) **If you wish to connect directly to your video tape recorder audio output,** use the Y adaptor and connect to the dual audio cable. Plug the dual audio cable into the stereo input (left and right) on the rear of the TeleSound unit. Connect the audio output on your video tape recorder.
- d) **If you wish to connect directly to your VideoDisc player,** use the dual audio cable and connect one end to the stereo input (left and right) jacks on the rear of the TeleSound unit. Connect the other end to the stereo audio (left and right) outputs on the VideoDisc player. If your VideoDisc player is without stereo output, connect the Y adaptor cable and connect the single plug of the Y adaptor cable to the audio output of the VideoDisc player.
- e) You can also connect a stereo tuner, tape deck, or a record player to the stereo inputs of your TeleSound unit and enjoy stereo sound.
- 6) After you have connected your sound source, turn the volume on/off switch to the ON position and adjust your volume listening level.

TELESOUND INSTALLATION PROCEDURE

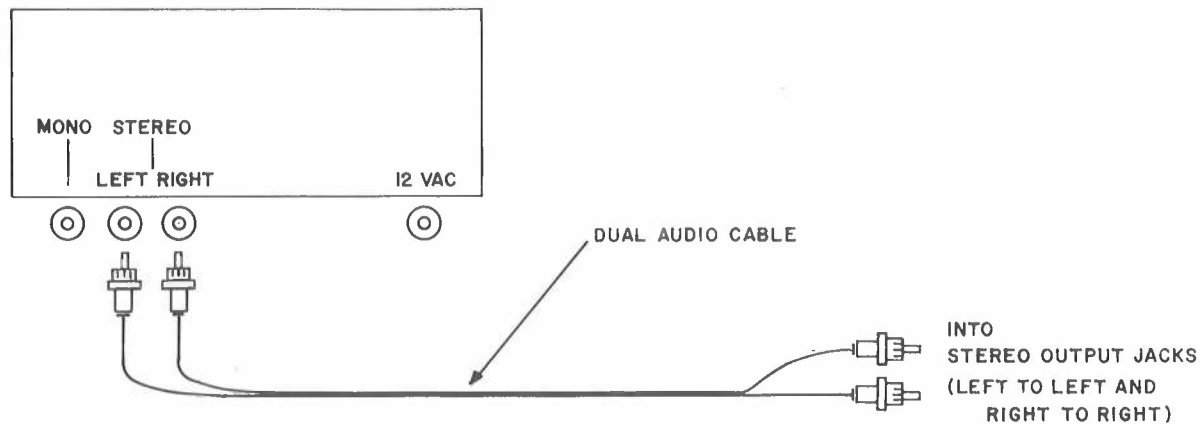
I. POWER TRANSFORMER INSTALLATION:



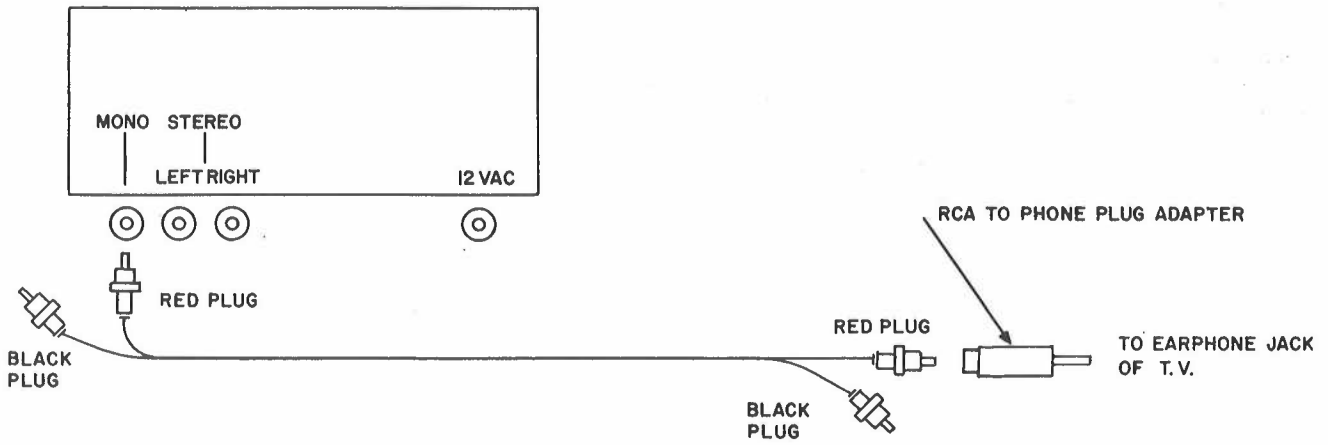
2. AUDIO INSTALLATION FOR VIDEO TAPE RECORDERS AND VIDEODISC PLAYERS (EXCEPT MAGNAVISION):



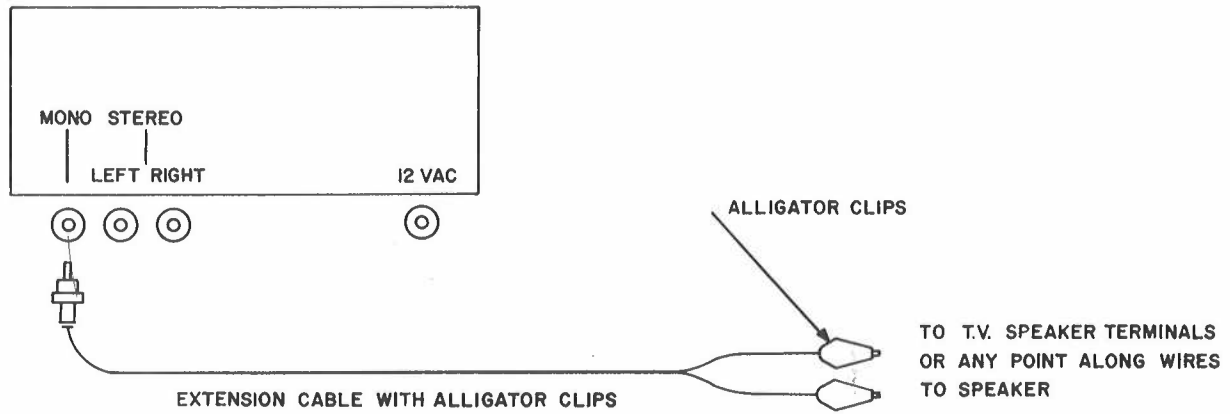
3. AUDIO INSTALLATION FOR MAGNAVISION VIDEODISC PLAYER:



4. AUDIO INSTALLATION FOR T.V. WITH EARPHONE JACK:



5. AUDIO INSTALLATION FOR T.V. WITHOUT EARPHONE JACK:



TELESOUND WARRANTY

Please read the Owner's Manual furnished with this product. We believe you will be very satisfied with your purchase and provide the following limited warranty to you, as the original purchaser.

TeleSound Responsibility

Service Labor — For a period of one (1) year, TeleSound will repair or replace any defective part without charge for parts or labor. For the period you, the original purchaser, owns the unit, which hopefully will be a lifetime, TeleSound will replace or repair parts free of charge.

Owner Responsibility

Warranty Card — This warranty becomes valid upon the date you receive your unit. This warranty can only be executed by TeleSound if the warranty card is filled out and returned.

Damage resulting from owner's abuse immediately voids this warranty.

HOW TO OBTAIN SERVICE

Carefully pack unit in carton and ship to:

TeleSound, Inc.
121-E East Industry Court
Deer Park, New York 11729

If you have any questions regarding installations, other usages, or service please do not hesitate to call us: Attn.: Customer Service, [516] 667-9702.

SEND THIS WARRANTY FORM TO:

TeleSound, Inc.
1243 U.S. Highway 22
Mountainside, N.J. 07092

107189 R

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

To help us serve you better, please answer these questions:

Do you own a video Tape Recorder Yes No

Do you plan to purchase a VTR Yes No

What output source did you use for TeleSound?

TV VTR DISC

What video magazine, if any, do you read? _____

AUTHORIZED INSTALLATION

DEALER/NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Authorized Signature _____

AFFIX
POSTAGE
STAMP
HERE

TeleSound, Inc.

1243 U.S. Highway 22
Mountainside, N.J. 07092