

# INSTALLATION MANUAL



## TVC-300

Your TVC-300 free-standing speaker volume control operates satisfactorily with 4, 8, or 16 Ohm speakers. There is little heat generated when the control is used, so it can be placed anywhere for convenient operation. This makes it ideal for chairside or bedside operation.

### SPECIFICATIONS:

1. Power Rating: 300 Watts audio, 100 Watts RMS continuous.
2. Total attenuation: 34 dB
3. Number of steps: 12.
4. Attenuation/step: -34 dB in 12 steps, 8 steps @ -3 dB each, 1 step @ 4 dB, 1 step @ -6 dB, last step OFF.
5. Type of attenuator: Tapped auto-transformer, shorting type rotary switch.
6. Frequency response: + 0, -1dB worst case (-6dB tap), + 0, -0.2 dB all other taps, 35 Hz-20 KHz. Measured at full power, 8 Ohm load. Most controls better these specifications.
7. Left and Right channel circuits isolated for safe operation with any kind of amplifier, including those with bridging type outputs.

### INSTALLATION:

Connections to amplifiers and speakers are illustrated in the back of these instructions. Remember that the LEFT and RIGHT circuits are separate, so connections must be made correctly or the system will not operate properly

Prepare the wire for connection by stripping about 3/16" from the ends. Twist strands tightly so that no loose ends stick out to cause problems with short circuits. Make connection to the rear panel terminals by pushing the connector tabs toward the chassis until the wire hole is fully open. Insert the wire ends release the tab. Make sure that the stripped portion of the wire makes contact with the metal conductor part of the connector, and that no loose strands exist to cause short circuits.

### OPERATION:

Place control in its intended operating location. Locate connecting wires out of the way so that they will not be tripped over or tangle with nearby furniture. SUGGESTION: Leave control 3 or 4 positions CCW from maximum before firing up the system for the first time to avoid "blasting" the speakers while still having enough sound to observe operation.

### WARRANTY:

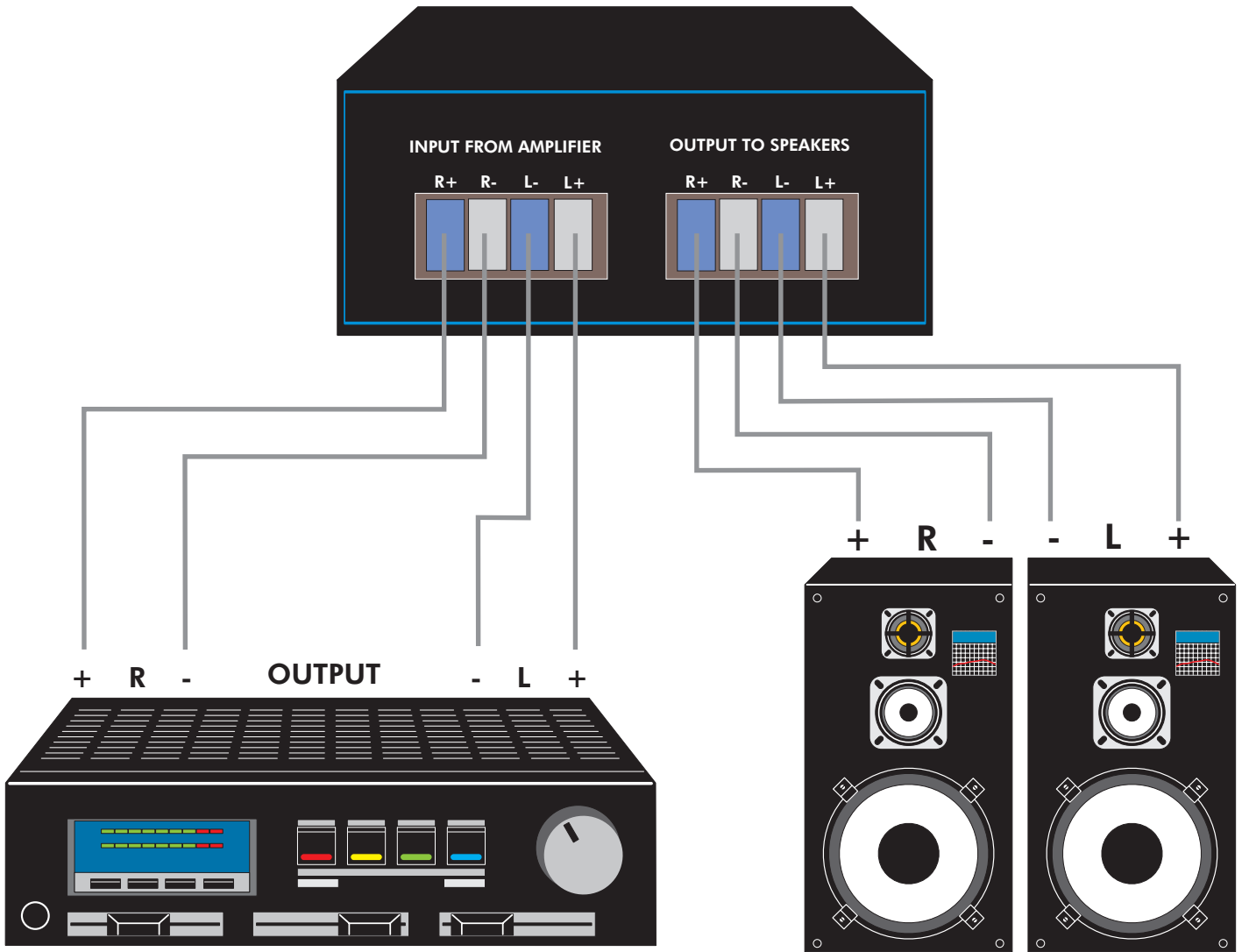
Your AUDIOPLEX TECHNOLOGY(tm) TVC-300 is covered by a Lifetime warranty against any defects in workmanship and materials. Any defects will be remedied without charge for labor or parts.

Damage incurred by shipping or accident is not considered to be a defect, and not covered by this warranty. AUDIOPLEX TECHNOLOGY(tm), is not responsible for defective operation caused by abuse or by modification or service by any unauthorized person or agency.

The unit must be properly installed and operated according to instructions for the warranty to apply. Any necessary servicing must be done by AUDIOPLEX TECHNOLOGY. The products must be returned expenses prepaid, with written authorization from the company. The product must be shipped with the proof of purchase and in the original carton and packing material to avoid damage.

This warranty gives you specific legal rights. You may have other rights which vary from state to state.

# WIRING DIAGRAM



AMPLIFIER A

SPKR. PAIR 1

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