



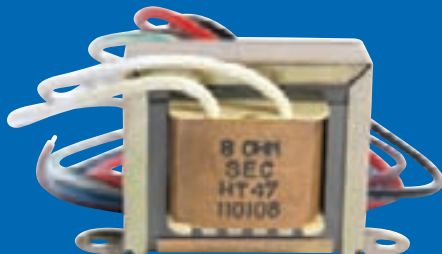
HT-327



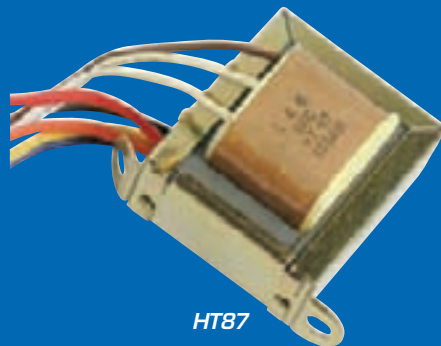
HT167



AF140



HT47



HT87



HT42

Constant-Voltage Transformers

25V, 70.7V, & 100V Transformers

Selection of single voltage or combination use constant-voltage line transformers includes models for professional and commercial sound and for intercom (45Ω) applications. Transformers with 8 or 4Ω impedance mount standard 4" or 8" loudspeakers without additional hardware except Model HT167 which may require a bracket. (Model CX188329) For convenience and cost savings, Atlas Sound loudspeakers can be ordered with factory-installed transformers. Consult loudspeaker specifications or technical service for proper loudspeaker transformer combinations to meet your installation requirements. (Transformers for compression drivers are listed on page 50)

Atlas Sound transformers can be used to solve a wide variety of impedance-matching and voltage step-up/step-down problems. They serve as an efficient method for matching impedance or voltage levels between power amplifier outputs and loudspeaker loads at high power levels.

A transformer transfers electrical energy from one circuit to another through inductively coupled conductors known as windings.

Besides Stepping Up/Down The Voltage, They Also Step Up/Down The Impedance Of The Amplifier's Output And Speakers. This transformers are the basis for 25V/70.7V/100V systems because they step up/down the voltage and impedance of the amplifier's output and speakers. This allows us to attach lots of speakers in parallel without causing the amplifier to "see" too low of a load at the speaker terminals.

Contact Atlas Sound for more information on transformers and their application.