



**Grommes~Precision
Precision Electronics**



**IT-600
600Ω to 600Ω Isolation Transformer**



Grommes~Precision

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IT-600 INSTRUCTIONS

Description

Designed to isolate one audio system or component from another, this little, handy device has a variety of uses:

- Isolate telephone lines sitting at DC potential and convert them into a useable signal for other electronic equipment such as an amplifier
- Convert an unbalanced signal line into a balanced signal line
- Convert a balanced signal line into an unbalanced signal line
- Eliminate ground loops that can occur from linking different equipment

Features

- Complete Isolation
- Wide Frequency Response
- Sturdy Steel Cabinet

Specifications

Max. Signal Level: 7V RMS into 600 ohm load @1kHz

600 ohm C.T. to 600 ohm C.T. Frequency Response: 30 Hz to 20kHz
±3dB @ 70Hz

UNPACKING PROCEDURES

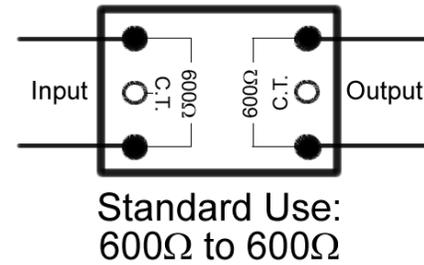
Inspect the shipping container and unit for indication of improper handling. This unit was carefully checked and packed before leaving the factory. If the unit has been damaged, inform the shipper, dealer, or distributor immediately from whom it was purchased. If the unit was shipped to you, notify the transportation company without delay, saving all packing materials, in order to process the claim.

CONNECTING THE IT-600

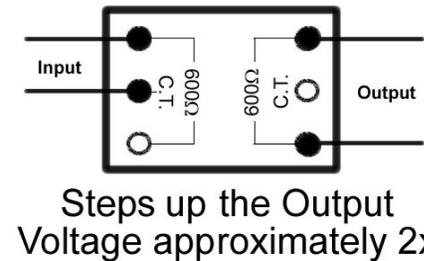
Connecting the IT-600

1. Connect the signal source (input) to either one of the terminal strips of the IT-600. The other terminal strip will become the output.

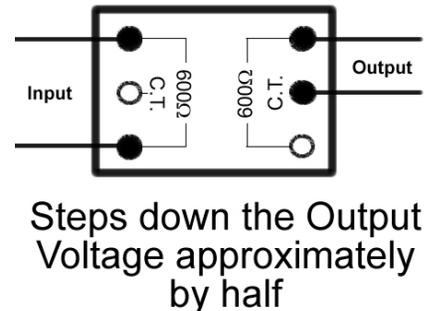
2. Standard hook-up example:



3. Hook-up example to step up the output voltage by 2 (depending on load impedance):



4. Hook-up example to step down the output voltage by half (depending on load impedance):



NOTE:

Keep the IT-600 away from power transformers or other sources of EMI/RFI, as these may induce noise into the IT-600.