

## Product Data

- **600  $\Omega$  impedance**
- **Split secondary winding**
- **Sturdy steel enclosure has flanges for surface mounting**

## Specifications:

<b>Input:</b>	+12 dBm max
<b>Impedance:</b>	600 $\Omega$ to 600 $\Omega$ (split)
<b>Insertion Loss:</b>	3 dB
<b>DC Current:</b>	50 mA max
<b>Frequency Response:</b>	200 Hz - 15 kHz $\pm$ 1 dB
<b>Distortion:</b>	< 0.5%
<b>Isolation:</b>	1400 VDC
<b>Dimensions:</b>	
Height:	3.875" (9.8 cm)
Width:	2" (5.1 cm)
Depth:	1" (2.5 cm)
<b>Shipping Weight:</b>	1 lb. (0.45 kg)

## Description

The University Sound TL-600 is a 600  $\Omega$  to 600  $\Omega$  audio isolation transformer. Either winding may be used as primary or secondary, allowing the TL-600 to be used in 1-way or 2-way audio circuits. One winding is split to permit an alternate impedance match of 600  $\Omega$  to two 300  $\Omega$  circuits, or 600  $\Omega$  to a single 150  $\Omega$  circuit.

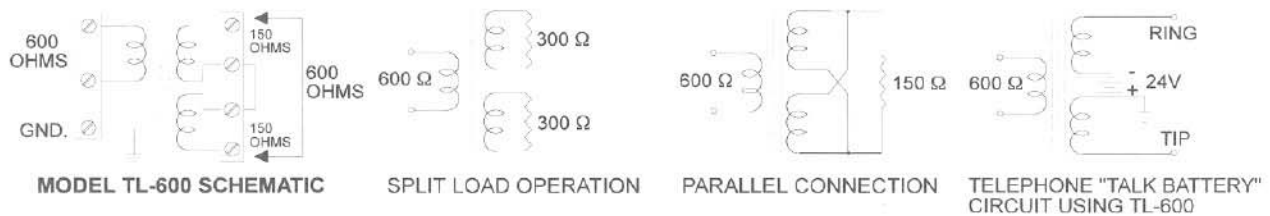
The connections to the TL-600 are made by means of screw terminals. The entire unit is housed in a painted steel box measuring 3.875" x 2.0" x 1.0" (9.8 cm X 5.1 cm x 2.5 cm) which can be secured to most surfaces by means of #6 screws through the mounting flanges.

## Architect's, Engineer's and Consultant's Specifications

The unit shall be a self contained matching transformer designed to be used as an audio isolation transformer. It shall have an input and output impedance of 600  $\Omega$ . One winding shall be split to permit an alternate impedance match of 600  $\Omega$  to two 300  $\Omega$  circuits, or a match of 600  $\Omega$  to a single 150  $\Omega$  circuit.

All input and output connections shall be made on screw terminals. The unit's enclosure shall be made of sturdy steel finished in black, and shall have mounting flanges on two ends for surface mounting of the enclosure. The enclosure shall measure 3.875" x 2.0" x 1.0" (9.8 cm X 5.1 cm x 2.5 cm). The University Sound model TL-600 has been specified.

## Applications



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company

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