

Technical Specifications

VMT-1 Impedance Matching Transformer

- Connects system to most public address amps for phone paging
- Functions as output-matching transformer to feed program material over a 600 Ohm telephone line for "music-on-hold"
- Matches high-to-low or low-to-high impedance
- Adapts line level signals to microphone inputs
- Phono jack or screw terminals for Hi-Z side
- Compatible with any 25 V output connection amplifier
- Convenient screw terminal connectors
- Wall mountable



Description:

The VMT-1 Impedance Matching Transformer is designed to match inputs from or outputs to a 600-ohm line. The VMT-1 connects telephone systems to most public address amplifiers that are used for telephone paging.

SPECIFICATIONS

INPUT

Impedance: 1000 Ohms nominal

OUTPUT

Impedance: 10k Ohms nominal

ENVIRONMENT

Temperature: -4 to 131 °F (-20 to 55 °C)

DIMENSIONS AND WEIGHT

1.75in H x 3.75in W x 1.25in D
(4.45cm x 9.53cm x 3.18cm)

Weight: 0.50lbs (0.23kg)

Shipping Weight: 2.40lbs (1.08kg)

MOUNTING

Wall

ARCHITECTS AND ENGINEERS

The Impedance Matching Transformer, model VMT-1, shall provide an impedance match between a 500-600 Ohm balanced line and a high impedance auxiliary or microphone input of an amplifier. The VMT-1 shall be used to attenuate the audio output of a 25 Volt amplifier to a level suitable to connect to a line level input.

The VMT-1 Impedance Matching Transformer shall impedance match up to a 1k Ohm audio output to a high impedance input of an amplifier or shall impedance match a 25.5 amplifier output to a 1k Ohm audio input.

The VMT-1 Impedance Matching Transformer connects system to most public address amps for phone paging. Connections to

the Hi- Z I/O shall be made via standard phono patch cable or via screw terminals. Connections to the 600-Ohm I/O shall be made via screw terminals.

The Impedance Matching Transformer VMT-1 shall be wall mountable.

The maximum dimensions shall be: 1.75in H x 3.75in W x 1.25in D (4.45cm x 9.53cm x 3.18cm). Weight shall be approximately: 0.50lbs (0.23kg).

Warranty information may be found on our website at www.valcom.com/warranty.

2022 Rev 7.8.28