# WTR06/24

Waterproof 100V Line Transformer

## Features

- 24 Watt (WTR24) & 6 Watt (WTR06)
- Three different power taps
- Waterproof AWX5 Input connector
- 8 Ohm output impedance
- Over - Dimensioned core
- Water & Dust proof housing (IP66)
- 0.5 Meter connection cable (2 sides)




## Applications

- Impedance matching Low Impedance Loudspeakers and 100 Volt Public Address Amplifiers

The WTR06/24 are 100 Volt line transformers for impedance matching between Low Impedance Loudspeakers (8 Ohm) and 100 Volt Amplifiers. Using these WTR line transformers, low impedance loudspeakers can be applied to any 100 Volt Public Address system where long cable runs can be used.

Two different versions are available for a maximum output power of 24 Watt (WTR24) and 6 Watt (WTR06) with different power taps for 100%, 50% and 25% of the total output power.

The housing is designed to be water and dust proof, while making it possible to be hidden at any location such as above the false ceilings, in a wall junction boxes, in hollow places inside walls, ...

The primary connection (100V side) is performed using a special designed waterproof AWX 5 connector whereby the desired power tap can be selected depending on the rotation of the connector. The secondary connection (8 Ohm side) is performed using a waterproof cable gland. A connection cable with a length of 0.5 meter is provided on both sides of the transformer.

The over dimensioned core of the transformers limits the saturation to a minimum and gives a remarkable improvement of the sound reproduction, especially in the low frequency range.

All these features make these transformers comply to an Ingress Protection rating of IP66.

WTR24: 24 Watt @ 100 Volt
(24 / 12 / 6 Watt Power Taps / 8 Ohm output)

WTR06: 6 Watt @ 100 Volt
(6 / 3 / 1.5 Watt Power taps / 8 Ohm output)

| SYSTEM SPECIFICATIONS | | |
|---|---|---|
| | WTR06 | WTR24 |
| Line Transformer taps | 6 W / 1667 Ohm | 24 W / 417 Ohm |
| | 3 W / 3333 Ohm | 12 W / 833 Ohm |
| | 1.5 W / 6667 Ohm | 6 W / 1667 Ohm |
| Output impedance | 8 Ohm | 8 Ohm |
| **PRODUCT FEATURES** | | |
| | WTR06 | WTR24 |
| Construction | ABS | |
| Colour | Black | |
| Input connection (100 Volt) | AWX5 Connector (0.5 m Cable) | |
| Output connection (8 Ohm) | Waterproof cable gland (0.5 m Cable) | |
| Dimensions (Width x Height x Depth) | 58 x 58 x 82 mm | |
| Weight net | 0.300 Kg | 0.375 Kg |
| **SHIPPING & ORDERING** | | |
| | WTR06 | WTR24 |
| Shipping weight & volume | | |

*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our product