



TRU450

Line Transformer Unit

► Features

- 4 Channel Line transformer unit
- 500 Watt each channel
- Input impedance of 4 or 8 Ohm
- Output power taps for 100V, 70V and 50V
- Integrated decoupling network for use with Class-D Amplifiers
- Connections with Terminal Blocks
- 19" Rackmount
- 2 unit rackspace

► Applications

- All kinds of applications where low-impedance amplifier outputs should be converted into high-impedance constant voltage levels for use in 100 Volt, 70 Volt or 50 Volt public address systems.



The TRU450 is a line transformer unit, consisting of four toroidal line transformers, allowing low-impedance power amplifiers to be used for powering large public address audio systems with constant voltage levels of 100 Volt, 70 Volt and 50 Volt.

Each line transformer has a rated power of 500 Watt, with an input impedance selectable between 4 Ohm and 8 Ohm. The secondary side of the line transformer has power taps for use in 100 Volt, 70 Volt and 50 Volt constant voltage audio distribution systems.

Unlike regular line transformer units, the TRU series has an special internal decoupling network which make them suitable for use with Class-D power amplifiers.

The line transformers are housed in a solid constructed 19" rack mounting housing with a height of one double rackspace. The connections for both in and output are performed using reliable Terminal blocks.

► Specifications

SYSTEM SPECIFICATIONS		
Output power	4 x 500 W	
Output power taps	100 Volt / 70 Volt / 50 Volt	
Output impedance	100 Volt	20 Ohm
	70 Volt	10 Ohm
	50 Volt	5 Ohm
Input impedance	4 Ohm / 8 Ohm	
Frequency response	35 Hz - 20 kHz	
THD+N	< 0.1 %	
Transformer type	Toroidal	
Connectors	Input	3-pin Terminal block (5.08 mm pitch with screw)
	Output	4-pin Terminal block (5.08 mm pitch with screw)
PRODUCT FEATURES		
Dimensions (Width x Height x Depth)	482 x 88 x 322 mm	
Weight net	Kg	
Mounting	19"	
Unit height	2 HE	
Construction	Steel	
Colour	Black	
SHIPPING & ORDERING		
Packaging	Carton box	
Shipping weight and volume	xxx Kg - xxx Cbm	
*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products		