

THESIS

TH due

1500W Power Amplifier
Stereo Power Amplifier




ideato,
progettato,
costruito
in Italia

Power Supply

Voltage:	11 ÷ 15 VDC
Idling current (@ Dual Power Setting):	2.0 ÷ 7.4 A
Idling current when off:	0.04 mA
Consumption @ 14.4 VDC, 1 Ω,	
Max Musical Power:	105 A
Remote In:	7 ÷ 15 VDC (1 mA)
Remote Out:	12 VDC (20 mA)
Fuse (AFS):	100 A

Amplifier stage

Distortion - THD @ 1 kHz, 4 Ω; 90% Power:	0.02 %
Bandwidth @ -3 dB, 2 VRMS, 4 Ω:	5 ÷ 70k Hz
S/N ratio @ A weighted, 1 V, Max Power:	106 dBA
Damping factor @ 1 kHz, 2 VRMS, 4 Ω:	100
Pre-In sensitivity:	0.3 ÷ 4.8 VRMS
Pre-In impedance:	15 kΩ
Load impedance (Min @ Dual Power Mode - Hi-Current):	
• 2 Ch	1 Ω
• 1 Ch	2 Ω

Nominal power (RMS) @ 12 VDC, 1% THD

Dual Power Mode - Hi-Current:
• 2 Ch @ 4 Ω 230 W x 2

Dual Power Mode - A Class:
• 2 Ch @ 4 Ω 55 W x 2

Output power (RMS) @ 14.4 VDC, 1% THD:

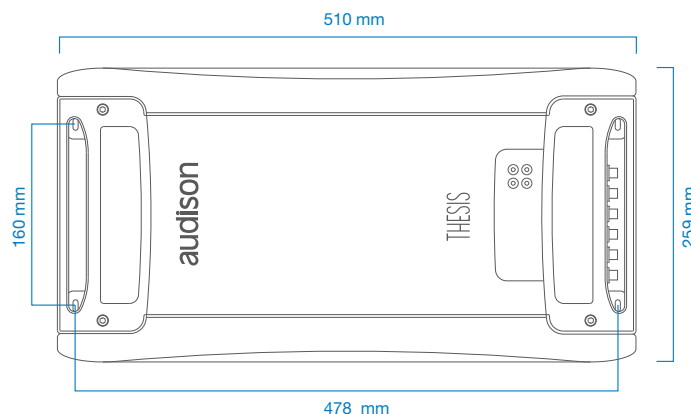
Dual Power Mode - Hi-Current:
• 2 Ch @ 4 Ω 300 W x 2
• 2 Ch @ 2 Ω 500 W x 2
• 2 Ch @ 1 Ω 750 W x 2
• 1 Ch @ 4 Ω 1000 W x 1
• 1 Ch @ 2 Ω 1500 W x 1

Dual Power Mode - A Class:
• 2 Ch @ 4 Ω 80 W x 2

CEA SPECIFICATION

Output power @ 4 Ω, 1% THD+N,
14.4 V: 300 W x 2 Ch

SN ratio (ref. 1 W output): 80 dBA



Other functions

ASC (Audison Status Controller) FUNCTIONS

AMP IDENTifications, DUAL POWER settings,
AD Link inputs, AC Link digital bus, DRC controls,
ACNet software, Status Monitor, Protections

Inputs/Outputs/Filters

Inputs: PRE - S/PDIF (Max 192 kHz / 24 bit) Optical and AD Link
Outputs: PRE Bypass / AD Link
Filters: Removable kit: (Hi-pass / Lo-pass / Bandpass 12/24dB)
32 steps 18 ÷ 7.5k Hz with 8 standard & 2 customizable modules

Size

Max size (mm/inches): 259 x 510 x 67 / 10^{n1/4} x 20^{n1/8} x 2^{n11/16}
Weight (kg/lb): 10,3 / 22.71

For detailed technical information and more product features, view the Advanced Manual available for download on the website www.audison.eu