ideato, progettato, ingegnerizzato in Italia

AP1 D

Mono amplifier.

The AP1 D amplifier was designed to drive a subwoofer and is the ideal extension of the AP8.9 bit and AP4.9 bit. At 2 Ohms it is stable and can supply 540 W power with extremely compact dimension. With the APTK 3 (Audison Prima Tower Kit 3) staking system it's possible to stack the AP1 D and save space without any problem of overheating.

POWER SUPPLY

Voltage:	7.5 ÷ 15 VDC
Idling current:	1 A
Switched off:	<0.05 mA
Consumption @ 14.4 VDC 2Ω Max Musical Power:	30 A
Remote IN	7 ÷ 15 VDC (1 mA)
Fuse	30 A

AMPLIFIER STAGE

Distortion - THD @ 1 kHz, 4 Ω, 90% Output Power:	0.2 %
Distortion - THD @ 100 Hz, 4 Ω, 90% Output Power:	0.3 %
Bandwidth (-3 dB, 2 V RMS, 4Ω):	16 ÷ 40k Hz
S/N ratio @ A weighted, 1,5V, Output Power:	100 dBA
Damping factor @ 100 Hz, 2 VRMS, 4 Ω:	150
Damping factor @ 1 kHz, 2 VRMS, 4 Ω	160
Input sensitivity PRE IN:	Selectable: 1,5 - 3,0 - 4,5 V RMS
Input sensitivity SPEAKER IN:	Selectable: 3,0 – 6,0 – 9,0 V RMS
Input impedance:	15k Ω
LOAD IMPEDANCE (MIN):	
• Ch: 1	2Ω
MAX POWER	540 W
OUTPUT POWER (RMS) @ 14.4 VDC, 1% THD:	
• 1 Ch @ 4Ω:	310 W x 1
• 1 Ch @ 2Ω:	540 W x 1
OUTPUT POWER (RMS) @ 14.4 VDC, 10% THD:	
• 1 Ch @ 4Ω:	380 W x 1
• 1 Ch @ 2Ω:	680 W x 1

CEA SPECIFICATIONS

Output power @ 4Ω, ⩽1% THD+N, 14.4 V:	310 W x 1
SN ratio (ref. 1 W output):	79 dBA

SIGNAL CONNECTIONS

PRE IN	RCA
SPEAKER IN	wired
MUTE (Energy Saving Control)	wired from AP4.9 bit / AP5.9 bit

GENERAL REQUIREMENTS

Ambient operating temperature range:	0 °C to 55 °C (32°F to 131°F)

SIZE / WEIGHT

Max size (mm/in.):	198 x 45,50 x 134 / 7.8 x 1.8 x 5.27
Weight (kg/lb):	1.32 / 2.91