prima audison

www.audison.eu

ideato, progettato, ingegnerizzato in Italia

AP4 D

4 channel amplifier.



AP4 D amplifier was designed as an extension for the AP4.9 bit and AP5.9 bit amplifiers, offering 4 additional 70 W @ 4 Ω amplified channels.

POWER SUPPLY

Voltage:	7.5 ÷ 15 VDC
Idling current:	1 A
Switched off:	<0.05 mA
Consumption @ 14.4 VDC 2Ω Max Musical Power (without CPL):	27 A
Remote IN	7 ÷ 15 VDC (1 mA)
Fuse	30 A

AMPLIFIER STAGE

Distortion - THD @ 1 kHz, 4 Ω, 90% Output Power:	0.1 %
Bandwidth @ -3 dB, 2 V RMS, 4Ω:	10 ÷ 30k Hz
S/N ratio @ A weighted, 1,5V, Max Power:	100 dBA
Damping factor @ 1 kHz, 2 VRMS, 4Ω	170
Input sensitivity PRE IN:	Selectable: 1,5 - 3 - 4,5 V RMS
Input sensitivity SPEAKER IN:	Selectable: 3 - 6 - 9 V RMS
Input impedance:	15k Ω
LOAD IMPEDANCE (MIN):	
• 4 Ch: 1-2-3-4	2Ω
• 2 Ch: Bridge (1-2) (3-4)	4Ω
MAX POWER	520 W
***OUTPUT POWER (RMS) @ 14.4 VDC, 1% THD*:**	
• 4 Ch @ 4Ω:	70 W x 4
• 4 Ch @ 2Ω:	130 W x 4
• 2 Ch - (Bridge 1/2; 3/4) @ 4Ω	260 W x 2
***OUTPUT POWER (RMS) @ 14.4 VDC, 10% THD*:**	
• 4 Ch @ 4Ω:	90 W x 4
• 4 Ch @ 2Ω:	180 W x 4
• 2 Ch - (Bridge 1/2; 3/4) @ 4Ω	360 W x 2

CEA SPECIFICATIONS

Output power @ 4Ω, ⩽1% THD+N, 14.4 V:	70 W x 4
SN ratio (ref. 1 W output):	85 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):	1.33 / 2.93

All specifications subject to change without notice_17.A