

Voce

AV uno

1700 W POWER AMPLIFIER
 Mono Power Amplifier with Crossover



ideato,
 progettato,
 ingegnerizzato
 in Italia

AV uno is an amplifier featuring an innovative circuitry called POD (Power On Demand). It allows to combine the plus points, in terms of audio quality and robustness, of the AB Class traditional amplifiers with the efficiency of the D Class amplifiers.

AV uno is a mono amplifier designed to drive the subwoofer but also suitable for high power Dual Mono systems. Power, control and outstanding final stages are capable to unbelievable bass and extraordinary musical quality on the whole frequency range. AV uno also allows you to replace the analog input board with the digital one (AV bit IN).


POWER SUPPLY

Power supply voltage:	11 ÷ 15 VDC
Idling current:	2.0 A
Idling current when off:	0.02 mA
Consumption @ 14.4 VDC (Max Musical Power):	120 A

AMPLIFIER STAGE

Distortion - THD (1kHz @ 4Ω):	0.04 %
Bandwidth (-3 dB):	7 ÷ 20k Hz
S/N ratio (A weighted @ 1V):	95 dBA
Damping factor (1k Hz @ 4Ω):	160
Input sensitivity:	0.3 ÷ 5 V RMS
Input impedance:	15k Ω
Speaker-In sensitivity:	1.4 ÷ 24 V RMS
Speaker-In impedance:	5k Ω
Minimum load impedance:	1Ω
NOMINAL POWER (RMS) @ 12 VDC, THD 0.3%, 4Ω: 700 W x 1	
OUTPUT POWER (RMS) @ 14.4 VDC, THD 1%:	
• 1 Ch:	700 W x 1(4Ω)
• 1 Ch:	1300 W x 1(2Ω)
• 1 Ch:	1700 W x 1(1Ω)

CEA SPECIFICATIONS

 Output power @ 4Ω, 1% THD+N, 14.4 V: 700 W x 1
SN ratio (ref. 1 W output): 80 dBA

SIGNALS INPUTS / FILTERS

Inputs:	Pre IN / Speakers IN
Outputs:	Hi-Pass Pre OUT (50 ÷ 150 Hz)
Filters (Full/Lo-Pass):	50 ÷ 150 Hz @ 24dB/Oct.
Speakers polarity:	Normal / Inverted
Bass boost (Freq./Gain):	50-70-90 Hz / 0 ÷ 6 dB
Subsonic (Cont. adj.)	Off ÷ 40 Hz @ 24dB/Oct.

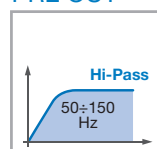
OTHER FUNCTIONS

Remote IN:	7 ÷ 15 VDC - 1mA
Remote OUT:	12 VDC - 50mA
Fuse (Strip type):	100 A
Remote SUB volume adj.:	(-50 ÷ 6) dB

SIZE / WEIGHT

Max size (mm/inches):	220 x 470 x 58 / 8,66" x 18,50" x 2,28"
Weight (kg/lb):	7.2 / 15.87

PRE OUT



FILTERS

