

# audison

www.audison.eu



AV due is a powerful stereo amplifier. The power supply section and final stage, designed to work also in mono and tri-mode, ensure very high output current, with powers up to 900 W (RMS). AMP constantly checks the operating status system and ART™ function allows automatic turn-on/off when a remote signal isn't available from the source.

You can use VCRA volume remote control by connecting it to the special SUB VOL socket when you drive the subwoofer in mono. There are endless handling possibilities, for every type of installation. AV due 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:	1.7 A
Idling current when off:	0.02 mA
Consumption @ 14.4 VDC (Max Musical Power)	: 65 A

# AMPLIFIER STAGE

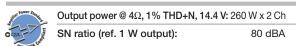
Distortion - THD (1kHz @ $4\Omega$ ):	0.04 %	
Bandwidth (-3 dB):	4 ÷ 60k Hz	
S/N ratio (A weighted @ 1V):	100 dBA	
Damping factor (1k Hz @ 4Ω):	120	
Input sensitivity:	0.3 ÷ 5 V RMS	
Input impedance:	15k Ω	
Speaker-In sensitivity:	1.4 ÷ 24 V RMS	
Speaker-In impedance:	5k Ω	
Minimum load impedance:	$2\Omega$	
NOMINAL POWER (BMS) @ 12 VDC THD 0.3% 40:		

NOMINAL POWER (RMS) @ 12 VDC, THD 0.3%, 4 $\Omega$ :

#### OUTPUT POWER (RMS) @ 14.4 VDC,THD 1%:

• 2 Ch:	260 W x 2 (4Ω)
• 2 Ch:	450 W x 2 (2Ω)
• 1 Ch:	900 W x 1 (4Ω)

#### **CEA SPECIFICATIONS**



## SIGNALS INPUTS / FILTERS

Inputs:	Pre IN / Speakers IN	
Outputs:	Pre OUT Full Range	
Filters (Full / Hi-Pass / Lo-Pass):		
50 ÷ 5k Hz (2 range) @ 12 dB/Oct.		
Filter (Lo-Pass 24 dB mono):		
	50 ÷ 500 Hz @ 24 dB/Oct.	

### OTHER FUNCTIONS

Remote IN:	7 ÷ 15 VDC - 1mA	
Remote OUT:	12 VDC - 50mA	
Fuse (Strip type):	60 A	
Remote SUB volume adj. (with Lo-Pass 24 dB):		
	(-50 ÷ 6) dB	
Speakers IN Turn-on (ART):	Selectable	

#### 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

#### **FILTERS**

