

# Voce

## AV due

900 W POWER AMPLIFIER  
 Stereo Power Amplifier with Crossover



ideato,  
 progettato,  
 ingegnerizzato  
 in Italia

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 @ 4Ω):	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:	2Ω
NOMINAL POWER (RMS) @ 12 VDC, THD 0.3%, 4Ω: 210 W x 2	
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

 Output power @ 4Ω, 1% THD+N, 14.4 V: 260 W x 2 Ch	
SN ratio (ref. 1 W output):	80 dBA

### 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

