

## Voce AV due

900 W POWER AMPLIFIER  
Stereo Power Amplifier with Crossover

### 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 (1k Hz @ 4Ω):	0.04 %
Bandwidth (-3 dB):	4 ÷ 80k Hz
S/N ratio (A weighted @ 1 V):	100 dBA
Damping factor (100 Hz @ 4Ω):	120
Input sensitivity:	0.3 ÷ 5 VRMS
Input impedance:	15k Ω
Speaker-In sensitivity:	1.4 ÷ 24 VRMS
Speaker-In impedance:	5k Ω
Load impedance (Min):	2 Ω
NOMINAL OUTPUT POWER (RMS)	
NP @ 12VDC, THD 0,3%:	210 W x 2 (4Ω)

### 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 @ 4 Ω, 1% THD+N, 14.4 V:	260 W x 2 Ch
SN ratio (ref. 1 W output):	82 dBA



### Other functions

Remote IN:	7 ÷ 15 VDC - 1mA
Remote OUT:	12 VDC - 50mA
Speaker ON:	Amp ON with amplifier signal
Fuse (AFS):	60 A
Input for remote SUB volume:	Active with Lo-pass 24dB L+R
Adjustment:	(-50) ÷ (+6) dB

## PRELIMINARY



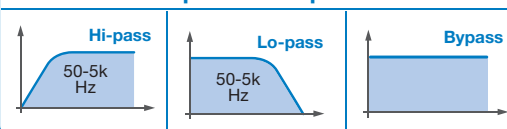
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AV due is a powerful stereo amplifier. The power supply section and final stage, designed to work also in mono and tri-mode, ensure very high output current, with powers up to 900 W (RMS). AMP constantly checks the operating status system and ART™ function allows a 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).

### Filters

#### Speaker Output



### Inputs / Filters

Inputs:	Pre IN / Speakers IN
Outputs:	PRE OUT
Filters: Full / Hi pass / Lo Pass	50 ÷ 5k Hz (2 range) @ 12 dB/Oct.
Filters: Lo Pass 24 dB (mono)	50 ÷ 500 Hz @ 24 dB/Oct.
Remote SUB volume:	(-50) ÷ 0 ÷ (+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