

EXPERT DSA 500 RT



Active Digital 2.1 subwoofer

Powerfull subwoofer box, "all inside" concept and compact design

- 600W compact D class amplifier - PWM inputs
- Low latency DSP - Real time "Focal Manager RT" software
Windows Xp / Vista / Seven / 8 and Mac OS X from 10.6 versions
- Bandpass subwoofer - 6x9 long stroke speaker
- Remote device with Real time connexion

REAL TIME CONTROL




Compatible with Windows XP/Vista/7/8


Compatible with Mac OS X from version 10.6

SPECIFICATIONS

FRONT CHANNEL

RMS Power - 14.4V - 4 Ω - THD+N < 1%		2 x 65 Watts
2 Ω Stability		✓
Max Power - 14.4V - 4 Ω		2 x 120 Watts
Frequency response (equalizer off / -3dB)		45 Hz-22 KHz
Signal noise ratio (expander off)		81 dBA
THD+N - 4 Ω - @1kHz (with low pass 22kHz)		0.07% between 8 and 45 Watts
Channel separation - 4 Ω - @1kHz		>70 dB
Equalizer		7 eq points / Full parametric
High pass crossover		45 Hz-300 Hz
Delays adjustment		0-20 ms (0.01 ms)
Compressor / Expander		✓

SUBWOOFER

RMS Power - 14.4V - 4 Ω - THD+N < 1%		1 x 165 Watts
Max Power - 14.4V - 4 Ω		250 Watts
Frequency response (acoustical / equalizer off / -3dB)		45 Hz - 140 Hz
Equalizer		7 eq points / Full parametric
Subsonic crossover		20 Hz-60 Hz
Low pass crossover		80 Hz-200 Hz
Delays adjustment		0-130 ms (0.01 ms)
Compressor		✓

GENERAL

Low input sensitivity	0.2 V - 5 V
High input sensitivity	0.4 V - 10 V
PWM switching frequency	384 KHz
Fuses	2x15 A
Consumption : Standby (DSA 500 RT on, no signal)	0.9 A
Stereo preamp out	✓
Protections	Short-circuit Low impedance Polarity reversal DC Low tension Thermal overload
Weight	13 kgs (28,7 pounds)
Dimensions (L x H x W)	600 x 210 x 310 mm 23.6 x 8.3 x 12.2 inches

MECHANICAL DRAWING (MM)

