

AD600.5

5/4/3 CHANNEL WATERPROOF AMPLIFIER



Shockwave Technology™

Shockwave Technology brings together outstanding sound quality, high performance characteristics and unprecedented reliability into a single amplifier. Fully waterproof, rated IP65. Stable operating 20hm and 40hm speaker configurations. Digital technology and high quality components produce true sound reproduction from any source and reduce space, weight, EMI, power consumption, strain of battery and charging systems! Aquatic AV Shockwave Technology amplifiers is the only sensible solution for wet and harsh environments.

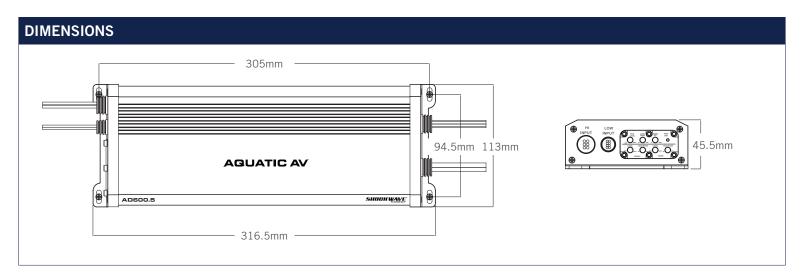


Design and specification subject to change without notice.E&OE

AD600.5 DATASHEET



SPECIFICATIONS	
Type:	Class-D Digital Amplifier
Output Modes:	Mono, Stereo, Bridge
Waterproof:	Yes - IP65
Conformal Coated PCB:	Yes
Heavy Duty Waterproof Connectors:	Yes
Input Channels:	5x RCA
Speaker Level Input:	5 channels
Output Channels:	5/4/3
Input Impedance:	22k (RCA), 470 Ohms (speaker)
Output Impedance (per channel):	2 Ohms / 4 Ohms
Power Output (max):	600W
Power Output (max) @ 4 Ohms, THD ≤1%:	4x 50W + 1x 200W
Power Output (max) @ 2 Ohms, THD ≤1%:	4x 75W + 1x 300W
Power Output - Bridged @ 4 Ohms, THD ≤1%:	2x 150W
S/N (A-weighted, 1W @ 4 Ohms):	≥70dB
Frequency Response:	10-20kHz (1CH to 4CH), 10-250Hz (5CH)
Channel Separation:	≥ 48dB
Input Sensitivity (Low Level):	200mV to 4V
Input Sensitivity (High Level):	600mV to 10V
Bridge Mode:	Yes (CH1 - CH4)
Bass Boost Adjustment:	Variable 0 to +18dB (Sub CH)
Bass Boost Frequency:	50Hz
High Pass Electronic Crossover (12dB/Oct.):	Variable 50 - 250Hz
Low Pass Electronic Crossover (12dB/Oct.):	Variable 50 - 250Hz
Current Draw:	<2mA standby
Gain Control Type:	Variable Gain Control
Ground Loop Isolation Input Circuit:	Yes
Allowable Battery Voltage	10.8V - 15.6V
Power Fuse:	Yes in Power Cable
Additional Features:	Nickel plated connectors
	LED Indicator
	Remote Turn-On
	Turn-On/Off Muting Circuit (Soft Mute)



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