

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 2ohm and 4ohm 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.

SHOCKWAVE
TECHNOLOGY

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) |

DIMENSIONS

