

Advanced Load Monitoring (ALM™)

Anthem™ Statement A2 and A5 amplifiers are designed to perform flawlessly—offering stunning musicality, tonal neutrality and incredible dynamics while driving any speaker load reliably under real-world conditions! The power supply is conservatively rated and the amplifiers run cool for greater reliability, but we didn't stop there.

These amplifiers feature our ALM™ (Advanced Load Monitoring) circuitry which protects sensitive output devices by constantly monitoring temperature, current and voltage to ensure optimum long-term performance. ALM™ is totally non-invasive—it is not in

the signal path and only engages in the most extreme circumstances to protect the amplifier from damage by maintaining the safe operating area of the output devices. Buyer beware however! Not all amplifier manufacturers have sophisticated load-monitoring provisions. Many have saved the added cost, leaving their output devices unprotected, choosing instead to use the amplifier's output devices as “fuses.” At Anthem/Sonic Frontiers ALM™ is just one of the ways in which our products provide owners with years of reliable service.

A2/A5 – Technical Specifications

INPUTS

A2 2 Single-Ended, 2 Balanced, 1 Relay Trigger (3.5 mm Mono Jack)
 A5 5 Single-Ended, 5 Balanced, 1 Relay Trigger (3.5 mm Mono Jack)

OUTPUTS

A2 2 Pairs Speaker Binding Posts, 1 Relay Trigger (3.5 mm Mono Jack)
 A5 5 Pairs Speaker Binding Posts, 1 Relay Trigger (3.5 mm Mono Jack)

SWITCHES

Front Panel Power (On/Off)
 Rear Panel On/Off Modes (Trigger, Manual, Auto), Inputs (RCA, XLR)

THD+N 0.001% at 1 kHz, 0.03% at 20 kHz
 (200 W into 8Ω)

POWER OUTPUT

(Continuous RMS, 20 Hz to 20 kHz, <1.0% THD)

Impedance	8 Ω		4 Ω		2 Ω	
	1	All	1	All	1	All
A2	225 W	200 W	370 W	300 W	535 W	410 W
A5	225 W	180 W	370 W	265 W	535 W	340 W*

*Special Test Conditions Required for 2 Ω

IMD 0.0005% (CCIF, 225 W into 8 Ω)

POWER BANDWIDTH 10 Hz to 100 kHz (+0 -3 dB, 225 W into 8 Ω)

FREQUENCY RESPONSE .. 20 Hz to 20 kHz (+0 -0.15 dB), 5 Hz to 100 kHz (+0 -2 dB)
 INPUT SENSITIVITY 1.5 Vrms in for 225 W out into 8 Ω
 INPUT IMPEDANCE 10 kΩ (RCA), 15 kΩ (XLR)
 DAMPING FACTOR 360 at 1 kHz (ref. 8 Ω)
 S/N RATIO 120 dB, A-weighted (ref. 225 W)
 CROSSTALK -78 dB at 1 kHz
 VOLTAGE GAIN 29 dB
 SLEW RATE 30 V/μs

POWER REQUIREMENTS

SUPPLY VOLTAGE 105 to 130 V, 60 Hz

POWER CONSUMPTION

A2 800 W
 A5 1800 W

DIMENSIONS

Height 7-5/8 inches (19.4 cm) including feet
 Width Faceplate 19-1/4 inches (49 cm), chassis 17-1/4 inches (43.8 cm)
 Depth A2: 13-1/2 inches (34.3 cm), A5: 19-3/8 inches (49.2 cm)

WEIGHT (unpacked)

A2 34 lb (15.5 kg)
 A5 57 lb (25.9 kg)