

SAE

Scientific Audio Electronics, Inc.

AT-1800 Series

The AT-1800 series is the direct outgrowth of the award winning AT-1505 5-channel amplifier that led the home theater industry in audiophile-grade sound and performance at a value price. The AT-1800 is available in 6 configurations from the AT-1802 2-channel model to the AT-1807 7-channel version. Power is 180W RMS/channel into 8 Ohms from 20Hz to 20kHz with no more than 0.03% THD and I.M. distortion.

Each model comes equipped with two toroidal transformers making upgradeability easy via the addition of a plug-in module. Other features making it installer-friendly are: a detachable IEC power cord, optically coupled protection circuits, soft-start circuit and convection cooling eliminating the need for fans.

See below for additional features common to all S.A.E. models.

Remote Trigger:	Activated from 3.3VDC to 24 VDC via a heavy-duty relay
Protection Circuits:	Optically –coupled with full automatic reset.
Toroid Transformers:	40% more efficient than EI type. Separate bi-filar windings for each channel guaranty lower noise and crosstalk.
Circuit Boards:	Double-sided, FR-4 glass-epoxy, computer-grade boards are assembled in-house.
Soft Start Circuitry:	Ultra soft turn on reduces in-rush current to a minimum. Multiple units can be turned on without tripping circuit breakers eliminating the need for sequencing.
Power Transistors:	High-current, bi-polar output transistors with active bias circuits result in effortless operation.
Power Cord:	Detachable, 3-wire cord.
7-Year Warranty	Parts and labor against defects in parts or workmanship.
Dimensions:	17" w X 7" h X 16" d (<i>chassis</i>) weight - 50 to 93lbs (<i>model dependent</i>)



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