



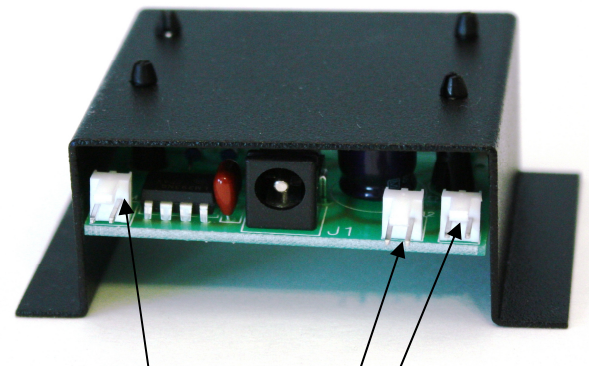
Active Thermal Management

The trusted name in thermal protection

Instructions for installing and using the Cool-it II-E

The Cool-it II™ quiet ventilating device by Active Thermal Management is designed to be placed over the output transistors of an amplifier or receiver. If there is any doubt about where the transistors are located, run the amplifier or receiver for an hour or more, and feel the cover; center the Cool-it II on the hottest area. Depending on the model of receiver or amplifier, the Cool-it II may want to run from front to back or side to side along the top cover.

After mounting the fan unit, select the location for the fan controller. It has 2 magnets on its flanges, allowing it to adhere to most audio-video components. Position the probe where it can sense the heat from the amplifier. Run the fan wire to the controller, and plug them onto the connectors FAN 1 or FAN 2. Plug the thermal probe's cable onto the connector THRM on the controller. Plug the power supply into an AC outlet that is always live, and plug the power supply's output lead into J1 on the controller. The green led should light. When the probe's temperature-sensitive tip reaches approximately 88-90 degrees, the fans will begin to turn and the red led will light. Use a hair dryer to test the system; do NOT use an open flame or heat-shrink gun.



Thermal probe Fan 1
Fan 2

When cooling modern home theater systems, the fans may run continuously. Cable boxes, satellite receivers, some whole-house amplifiers and digital program recorders run continuously. Their heat may be enough to keep the Cool-vent fans in operation. The Cool-vents, like all ATM products, are designed to operate continuously, drawing only a few watts of electrical power while keeping temperatures low in an enclosure.

NOTE: The Cool-it II was designed to cool components in an open, or partially open environment, such as on a shelf, in a bookcase, or in a cabinet with no doors and/or an open back. It cannot cool components in sealed enclosures; it would circulate the same hot air within the enclosure, providing little cooling. Active Thermal Management offers a complete line of cooling equipment designed to cool entire enclosures, from the smallest to the largest, at www.activethermal.com.

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