O W N E R ' S M A N U A L

PARASOUND

SCAMP/Signal Controlled Amplifier Power

Congratulations on your purchase of this precision component and thank you for your selection of Parasound. The Parasound SCAMP is designed to automatically power on virtually all the electronic equipment within your audio/video system. This makes it possible for single button operation to supply AC power to your entire system. SCAMP is extremely flexible and can be configured in a variety of ways, so please take time to review this manual to make full use of its capabilities.

Product Overview

The Parasound SCAMP automatically triggers two internal 15 A relays whenever it senses an audio signal from a signal source such as a preamplifier or surround processor. 15 A relays control AC outlets on the SCAMP's rear panel. The audio signal level necessary to trigger the SCAMP is internally adjustable from 7 mV to 250 mV; the default level setting is 100 mV. (Refer to drawing #3)

The SCAMP can also be triggered on from a DC source ranging from +5 Vdc to +12 Vdc. Once the SCAMP has been triggered on with an audio signal or DC voltage, it provides a constant +12 Vdc supply to trigger on other DC controlled devices such as screen motors or additional SCAMPs. The DC output trigger voltage ceases five minutes after the SCAMP stops receiving an audio signal or DC input trigger voltage.

The relays built into the SCAMP are triggered sequentially to prevent excessive in-rush current through your home's AC circuit breakers. The turn-on delay time is internally adjustable from 0 to 8 seconds. The turn off time for the AC outlets and DC output trigger is 5 minutes after the audio signal or DC input trigger voltage is removed. The SCAMPs high current internal relays and heavy duty AC receptacles make it suitable for use even with large power amplifiers such as the Parasound HCA-1206 or HCA-2200II. Two or more SCAMPs may be linked together and the turn-on delay time of the additional SCAMPs can be internally adjusted for up to eight seconds.

Unpacking the SCAMP

You should find the following items within the packing carton:

- The SCAMP
- This manual
- A 14 AWG audiophile-grade AC cord

If any of these items are missing, contact your Parasound Dealer or Parasound Technical Services. Save your carton and inserts for safe transport in case you move or the unit ever requires repair. Before shipping the unit, be sure to pack it into an additional outer carton for protection. The audiophile grade AC cord is packed separately in the carton. This is the only cord we recommend for use with your SCAMP.

Placement of the SCAMP

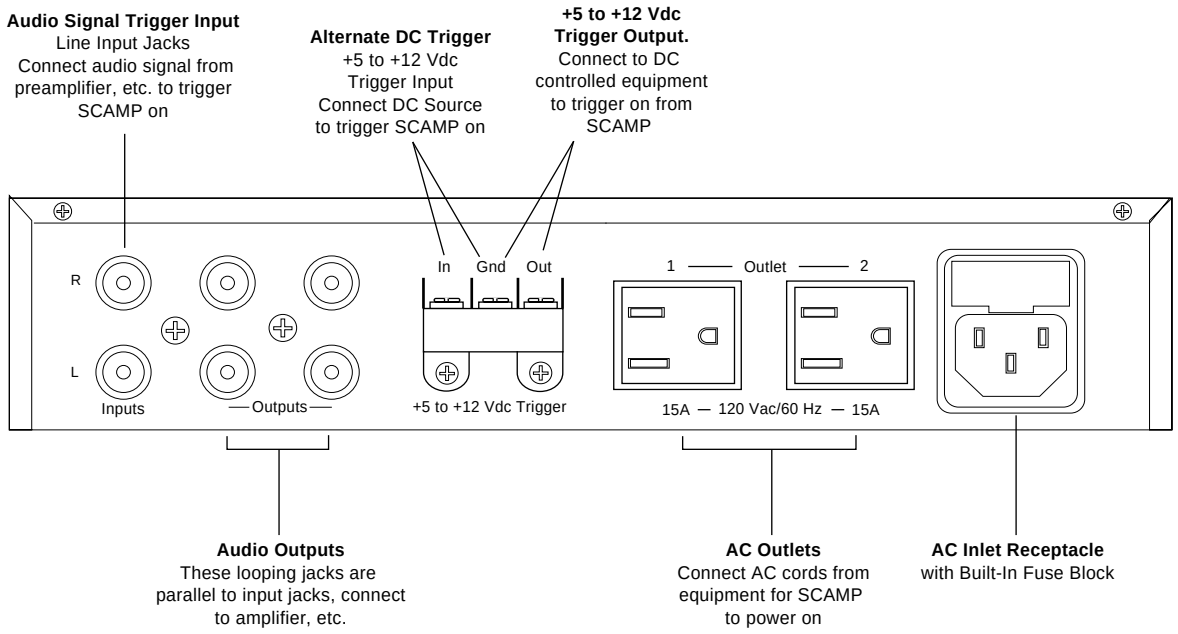
The SCAMP may be stacked along with your other audio/video components, or you can place it out of sight within the equipment cabinet. However, take care to mount the SCAMP away from sensitive low-level sources that might pick up hum radiated from the AC power cords connected to it.

Making Connections to the SCAMP

Audio Connections

Connect the left and right line output of your preamplifier or surround processor to the left and right inputs of the SCAMP. (Due to the SCAMP's zero insertion loss, there is no signal degradation when inserting the SCAMP into the signal path between a preamplifier and power amplifier.)

Connect the left and right outputs of the SCAMP to your power amplifier or other component. An additional set of output jacks facilitates connecting additional amplifiers or other components. Both sets of output jacks are paralleled directly to the input jacks.



Drawing # 1: Rear Panel Connections

AC Connections

Connect the supplied 14 AWG AC cord from the AC inlet of the SCAMP to the AC wall outlet. *Be sure that the wall outlet has enough current available to adequately power the equipment that the SCAMP will control.*

Connect the AC Cord from the electronic component that you want turned on first to OUTLET 1 of the SCAMP. Next, connect the AC Cord from the electronic component that you want turned on second to OUTLET 2 of the SCAMP.

Note: You may connect AC power strips to either or both outlets of the SCAMP providing the current draw of the components connected to each power strip does not exceed 15 A.

DC Connections

Triggering the SCAMP On from an External DC Source

Connect a wire (22 AWG or thicker) from the ground and a +5 to +12 Vdc output connection of an external 100 mA DC source to the ground and +5 to +12 Vdc IN of the SCAMP.

Triggering Components On with the DC Source from the SCAMP

Connect a wire (22 AWG or thicker) from the ground and +12 Vdc OUT of the SCAMP to the ground and +12 Vdc input of the external component(s) that you want the SCAMP to trigger on up to 400 mA total.

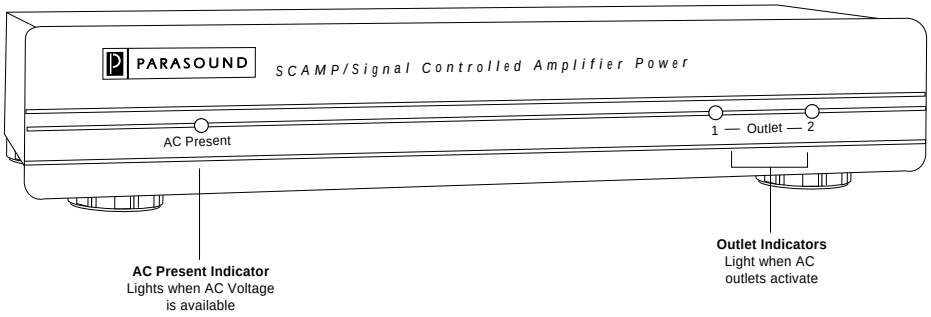
Connecting Multiple SCAMPs

You can “daisy chain” up to four SCAMPs to build an 8 outlet sequential switcher with a 120 A capability. Internal jumpers inside the SCAMP allow you to adjust the turn-on delay time from 0 to 8 seconds. (Refer to drawing #3)

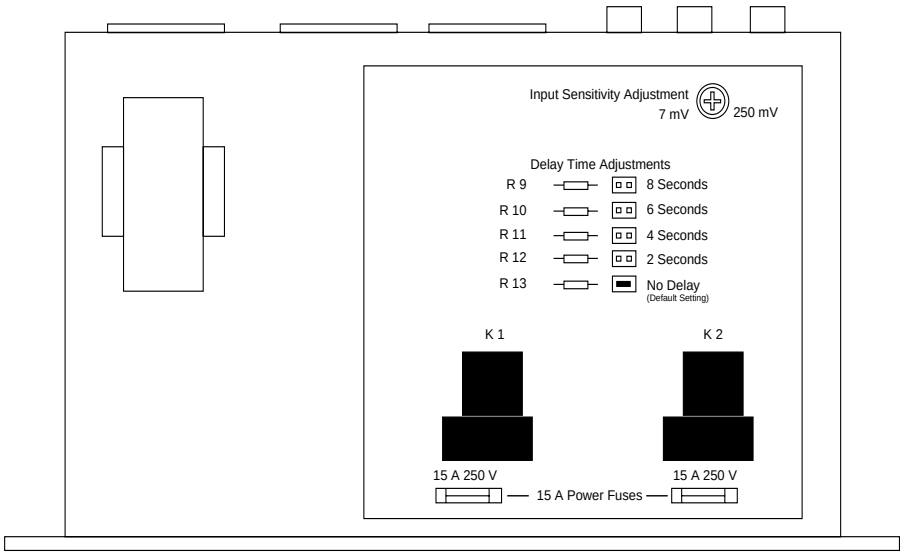
Connect the ground and +12 Vdc OUT connector of the first SCAMP to the +5 to +12 Vdc IN connector of the second SCAMP and adjust its delay time to 2 seconds. Next, connect the ground and +12 Vdc OUT connector of the second SCAMP to the +5 to +12 Vdc IN connector of the third SCAMP and adjust its delay time to 4 seconds, and so on.

Front Panel Indicators

The SCAMP has three front panel mounted status LEDs. The amber AC present LED will illuminate whenever the SCAMP is plugged into a “live” AC outlet. Two green LEDs labeled Outlet 1 and 2 will illuminate when their corresponding outlets have been activated.



Drawing # 2: Front Panel Indicators



Drawing # 3: Internal Adjustments and Fuses

Fuses

The SCAMP has one external 250 mA slo-blow fuse which may blow as a result of an internal fault condition within the SCAMP circuity itself. Additionally, there is a 15 A internal fuse for each AC outlet. These fuses will blow if too much current is being demanded from the outlets. Never replace these fuses with a larger value.

SCAMP Specifications

Current Capability:	30 Amperes; 15 Amperes Per Outlet
DC Input Trigger:	+ 5 Vdc to +12 Vdc, 100 mA
DC OutputTrigger:	+12 Vdc, 400 mA maximum available
Current Capability:	30 Amperes; 15 Amperes Per Outlet
SIgnal Insertion Loss:	0 dB
Circuit Power Requirement:	120 V/60 Hz, 1 A
Dimensions:	9 1/2" W x 1 3/4" H (2" with feet) x 7" D
Net Weight:	4 lb.

Specifications subject to change or improvement without notice

Parasound Limited Warranty (USA only)

Parasound Products, Inc. warrants products purchased from authorized Parasound Dealers and Custom Installers to the original owner for two years from the date of purchase. In the event of a defect in materials or workmanship, the product will be repaired promptly without charge. At Parasound's option, product may be replaced with new product of equal or superior value to the defective product according to the condition that it was received by Parasound.

The warranty excludes parts subject to normal wear such as fuses, laser pickups, or cosmetic parts.

The warranty also excludes damage resulting from abuse, shipping damages, failure to use products within specifications or instructions.

The warranty is void in the event of unauthorized repair or modification, removal or defacing of the serial number.

Dealer stock will be warranted to a maximum of 2 years from date of purchase.

In no case will Parasound accept warranty claims for any purchaser's unit after 38 months from date of original dealer's purchase from Parasound.

For Returns: Call, write, or fax Parasound's Technical Services Department. If it is decided that the unit should be returned for inspection at Parasound, it must be packed in its original carton as well as an additional outer carton. An RA number will be issued which must appear on the outer carton. A note stating the nature of the defect should accompany the unit. Units that arrive with evidence of mispacking (internal rattling, damaged carton) will be refused by Parasound.

PARASOUND

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