



The Model 9000PS is a heavy duty power supply designed to provide clean power to the Aphex Model 9000R Modular System Rack, providing  $\pm 15V$  for the modules. The Model 9001PS is designed for the Model 9000R when it uses a combination of Aphex and dbx® 900 Series modules. The 9001PS provides both  $\pm 15V$  and  $\pm 24V$ . The 9005PS provides  $\pm 15V$  at 5A.

Please consult Power Consumption Planner on reverse side.

**Features**

- Barrier strip connectors
- Over voltage protection
- Front panel LED power indicator
- Operates from 90-140VAC, 190-260VAC
  - RF filtered AC input
- Multiple voltages user selectable

<b>Specifications</b>	<b>9000PS</b>	<b>9001PS</b>	<b>9005PS</b>
Power Input:	100, 120, 220, 240 user selectable	100, 120, 220, 240 user selectable	100, 120, 220, 240 user selectable
Power Operating Range:	90-140VAC, 190-260VAC	90-140VAC, 190-260VAC	90-140VAC, 190-260VAC
Temperature Operating Range:	0° -40°	0° -40°	0° -40°
Power Output:	$\pm 15V$ 3A	$\pm 15V$ 3A, $\pm 24V$ 1.5A	$\pm 15V$ 5A
Dimensions:	19"W x 3.5"H x 8.625"H	19"W x 3.5"H x 8.625"H	19"W x 5.25"H x 8.625"H
Shipping Weight:	15 lbs.	19 lbs.	23 lbs.
Net Weight:	14 lbs.	18 lbs.	21 lbs.

## Power Supplies

### Models 9000PS/9001PS/9005PS

#### Power Consumption Planner

As is commonly known, quality audio processing starts with enough current headroom to supply the most extreme audio swings on demand. With the wide variety of processing modules available for the 9000 Series, it might be necessary to calculate the current consumption of your modules to make sure that the audio quality is not compromised by the limits of the power supply.

Aphex	±15v
8126	350mA
8127	350mA
9251	125mA
9301	300mA
9611	230mA
9651	260mA
9721	330mA
9901	107mA

All figures measured max current

dbx	±15v	±24v
902	60mA	30mA
903	60mA	30mA
904	60mA	30mA
905	60mA	30mA
911	50mA	26mA
929	75mA	65mA
933	60mA	90mA
941A	50mA	26mA
942A	50mA	26mA

**Important:** the Aphex Model 9000PS supplies ±15V at 3A, Model 9005PS supplies ±15V at 5A, Model 9001PS adds ±24V at 1.5A for dbx compatibility. The dbx F900A mainframe provides 1A at ±15V/DC, 0.5A at ±24V/DC (dbx power specifications from their published literature).

Power Consumption Planner		
Rack #1	Model	Consumption (mA)
Slot 1		
Slot 2		
Slot 3		
Slot 4		
Slot 5		
Slot 6		
Slot 7		
Slot 8		
Slot 9		
Slot 10*		
Slot 11*		
Total Rack 1		
Rack #2		
Slot 1		
Slot 2		
Slot 3		
Slot 4		
Slot 5		
Slot 6		
Slot 7		
Slot 8		
Slot 9		
Slot 10*		
Slot 11*		
Total Rack 2		

\* Aphex Model 9000 Rack only.



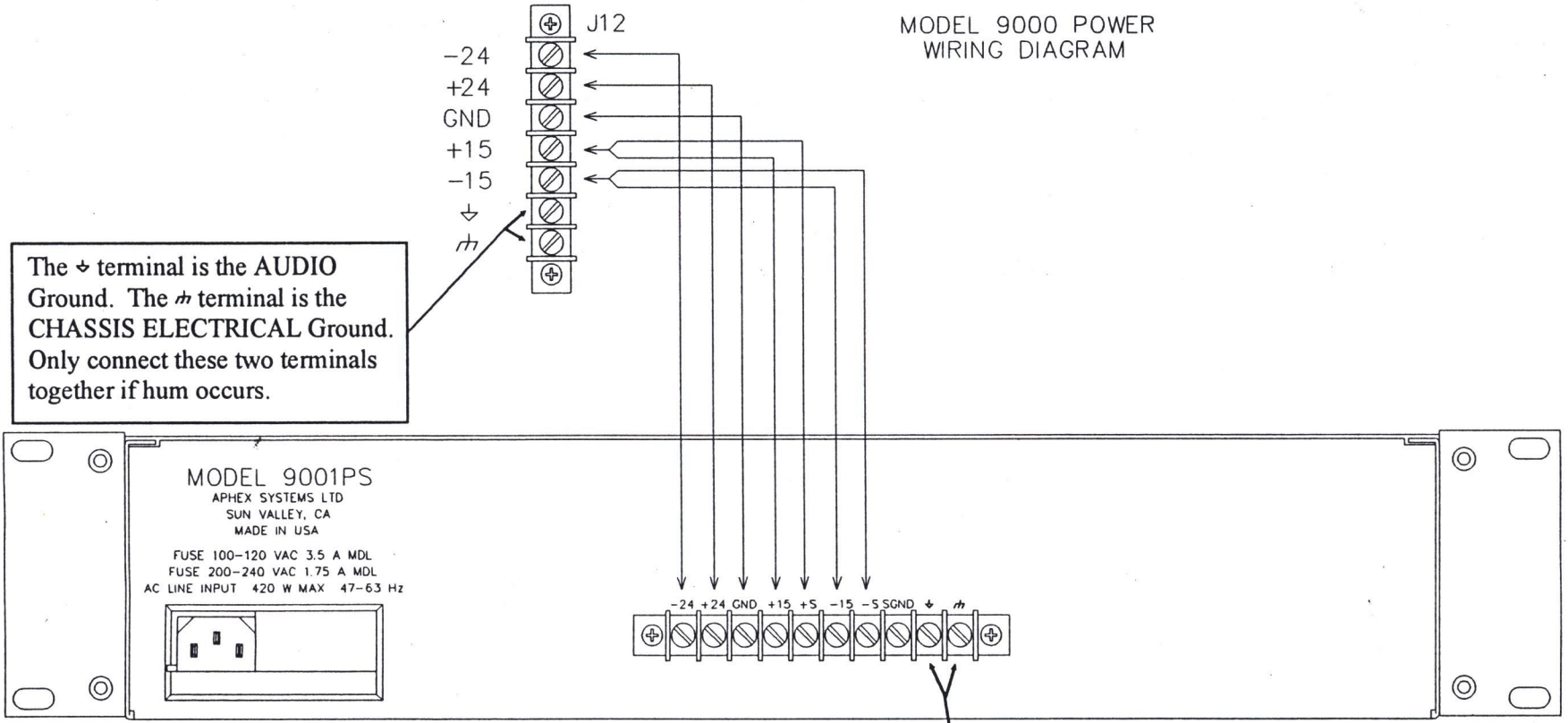
SYSTEMS 11068 Randall Street • Sun Valley, CA 91352 • (818) 767-2929 • FAX (818) 767-2641

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Aphex is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may differ from those listed or shown.  
Part No. 02-9000PS-04 Printed in U.S.A.

9000 Series Power Supply Wiring Diagram

MODEL 9000 POWER WIRING DIAGRAM



The ↓ terminal is the AUDIO Ground. The ~ terminal is the CHASSIS ELECTRICAL Ground. Only connect these two terminals together if hum occurs.

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