

# Owner's Manual

***PS-1000***

POWER SUPPLY for EA-1000

*Phasemation*



Thank you for purchasing Phasemation product.  
Read your Owner’s Manual thoroughly for proper operation before starting to use your equipment.  
Please keep your Owner’s Manual with caution.

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# Safety Instructions

Before starting to use

In this owner's manual and on the product, various pictures are used to show our customers how to use Phasemation PS-1000 safely and properly in order to avoid the loss of customer's assets and to protect our customers from harm.

 <b>WARNINGS</b>	<p>■ Do not use the equipment being broken.</p>	 	<p>● In case of using the equipment in an abnormal state, such as seeing smoke, having strange smell and hearing unusual sounds or noise, this can result in a risk of fire or electric shock. If such an abnormal state occurs, turn the power switch off, and endure to disconnect the AC plug from the outlet. After no smoke is confirmed, ask dealer for the repair.</p>
	<p>■ Never remodel the equipment.</p>		<p>● Do not disassemble the equipment or do not remodel it. This can result in a risk of fire.</p>
	<p>■ Never install the equipment near water.</p>	 	<p>● Do not use the equipment in the bathroom. This can result in a risk of fire or electric shock.</p> <p>● The equipment is designed for using indoors. Do not expose the equipment to water. This can result in a risk of failures, fire and electric shock.</p>
	<p>■ Never put an object filled with water on the equipment.</p>		<p>● Do not put a vase, flower pot, glass or any object filled with skin lotion, chemical or water, or small metal object on the equipment. In case the liquids are spilled or the small objects fall inside the equipment, this can result in a risk of fire or electric shock.</p>
	<p>■ Never put an object inside the equipment.</p>		<p>● If a foreign object has fallen inside the equipment, turn the amplifier's power switch off, and contact the dealer. To keep using the equipment can result in a risk of fire and electric shock.</p>

 <b>CAUTIONS</b>	<p>■ Cautions of Installation</p>		<p>● Do not install the equipment on the unstable tables or unstable places. In case the equipment falls, it can result in a risk of injury of customers.</p> <p>● Pay attention to the wiring of the cord so that a foot is not caught, or the person can stumble or the equipment can fall, which is so dangerous.</p> <p>● When moving the equipment, turn the power switch off, and endure to disconnect the power plug from the outlet and remove the connecting cord. The cord can be damaged and this can result in a risk of fire and electric shock.</p>
	<p>■ Places which are not suitable for installation</p>		<p>● Do not install the equipment in the humid or dusty environment. This can result in a risk of fire or electric shock.</p>
	<p>■ Connection</p>		<p>● When connecting with other audio equipment or a television set, read the manual of equipment, turn the power switch off, and connect according to the instructions.</p>

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## Usage Cautions

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### Installation place

In order to use the equipment for a long time, follow the instructions shown in below:

- Do not install this equipment near a heat source such as direct sun light, a stove and so on.
- Do not use this equipment at a poorly-ventilated, humid or dusty place.
- Do not install this equipment at an unstable place such as slope or vibrating place.
- Do not install this equipment near the window where the equipment can be exposed to rain.
- Do not install this equipment in high humidity environment.
- Avoid using this equipment on equipment generating heat such as an amplifier.
- Keep this equipment away from a power supply transformer or motor of other equipment.

#### Note

Avoid covering the equipment with the cloth or installing it in enclosed space because radiation and air convection from the chassis surface can be hindered.

To prevent external sound pressure, grit and dust from entering the equipment, inspiratory/exhaust ports to radiate the heat are not arranged against the equipment consciously. Radiating the heat from the equipment is realized by cooling with air convection in the chassis and with radiation and air convection from the chassis having high thermal conductivity.

### Useable AC power supply voltage and frequencies

- AC 230V power supply must be supplied.
- The equipment operates normally in the both areas of 50Hz and 60Hz power supply frequencies.

### Handling of AC power cable

- Do not touch the AC power cable with the wet hands.
- Do not pull the cable strongly or do not bend the cable. The cable can be damaged and can result in a risk of fire and electric shock.
- Use the AC power cable of the accessories.

### Repair

- In the case of the equipment failure, consult the dealer.

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## Care of Equipment

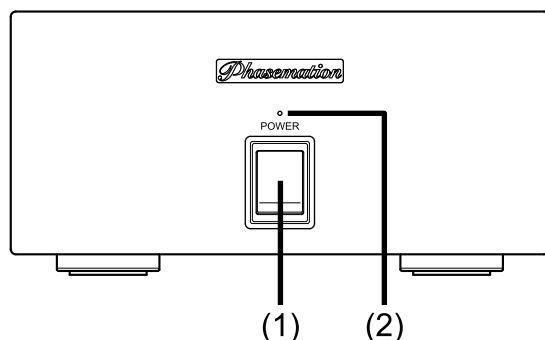
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- ◎ If the equipment is covered with dust or dirt, clean it with a soft cloth.
- ◎ If the equipment is covered with heavy dust, put a very thin mild detergent on a soft cloth. Wring the cloth and wipe off the dust and dirt. Then, clean with a dry soft cloth.
- ◎ Never use chemical agents such as thinner, naphtha and alcohol when cleaning it. If any of them is attached to the equipment, the silk printing can be flaked or the surface can lose metal luster.

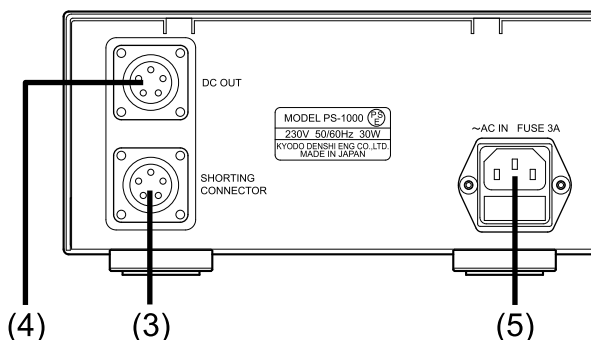
# Names and Functions

## Power Supply Unit

### Front Panel (Power Supply)



### Rear Panel (Power Supply)



#### (1) POWER switch

The power supply can be turned on or off by pressing the POWER switch.

#### (2) POWER indicator

The POWER indicator lights up blue when the power supply is supplied.

#### (3) SHORTING CONNECTOR

The shorting connector of accessories shall be connected in order to enhance the power performance.

#### (4) DC OUT

The DC power supply is supplied from two connectors to the L and R Phono Equalizer units through two DC power junction cables of EA-1000 accessories. L and R are not assigned to two connectors.

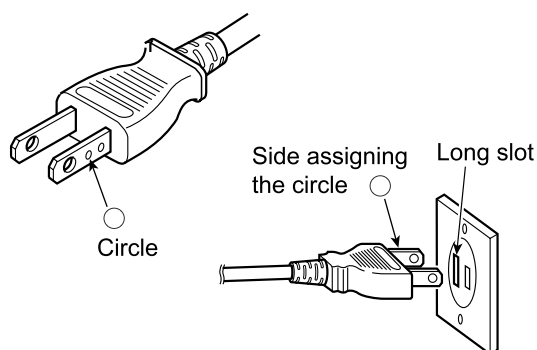
\* It is not a problem to exchange between (3) and (4) for the operations; but, it may take approx. 30 seconds till the indicator is put out after turning the POWER switch to OFF.

#### (5) AC IN

Connect the AC power cable of accessories to the AC INLET of the Power Supply Unit, and plug it in an outlet.

To connect two AC plugs of the power supplies to the near outlets can make the sound keep high quality.

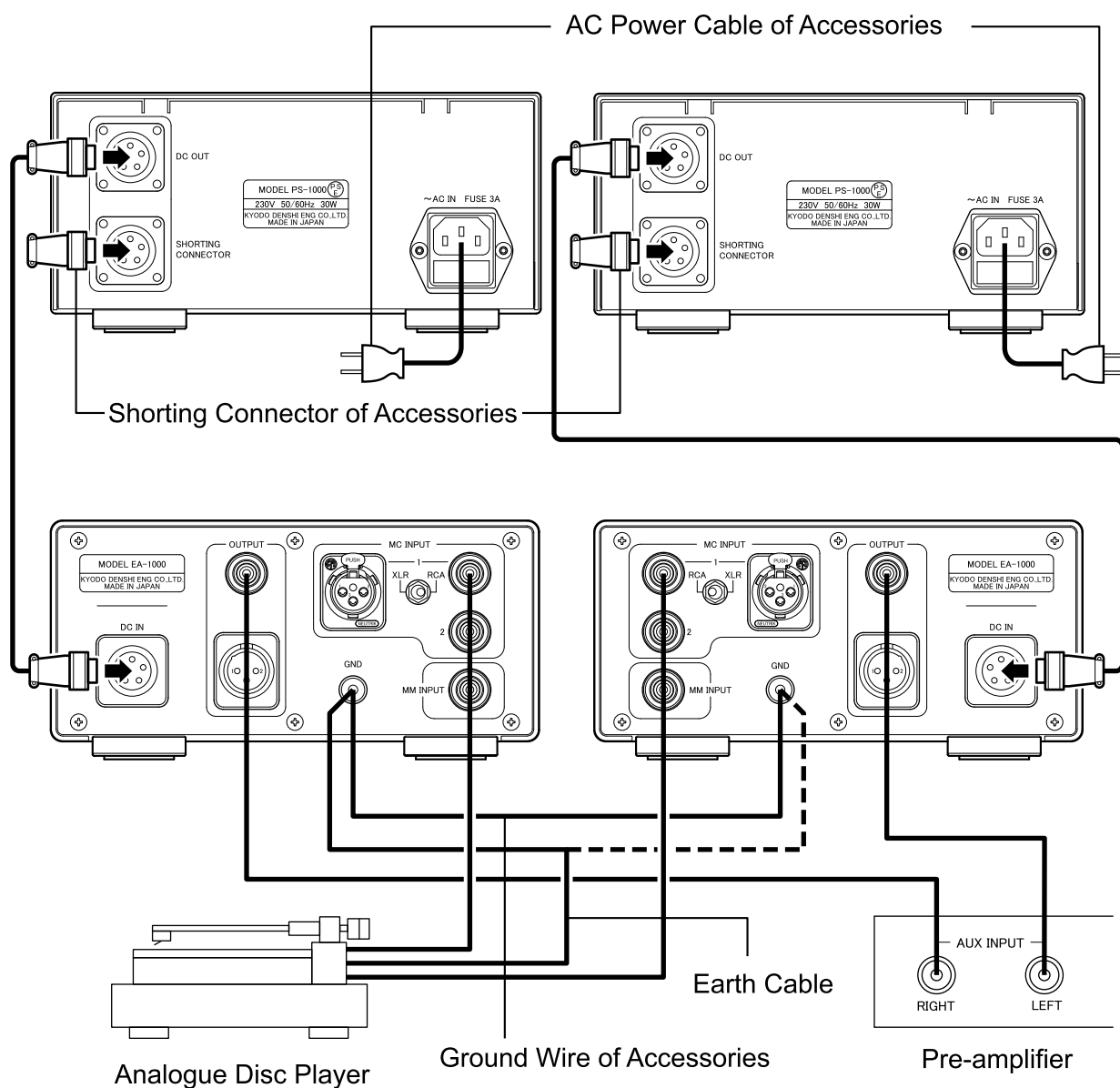
### Plugging the plug of AC power cable in an outlet



A circle is assigned on the one side of the plug of AC power cable so that better quality sound is reproduced by matching the power supply polarity with other equipment.

This polarity may be different because of house wiring for outlet or because of power supply condition; however, generally the side assigning the circle should be inserted to the long slot of the outlet.

# Connections



## GND Connection

The ground wire of accessories shall be connected to the ground terminal of L/R phono equalizer units in the standard usage. However, not to be connected to the ground may make infrequently the sound keep high quality under influence of peripheral equipment. Please sufficiently investigate about whether the ground is connected, or not.

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## Trouble Shooting Guide

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In case the equipment does not operate properly, check out the followings.

If it does not operate properly even after checking the advised points, endure to disconnect the AC plug from the outlet and then contact the dealer.

Trouble	Causes	Measures
The power is not supplied.	● The plug of AC power cable is not plugged in completely.	● Insert the plug of AC cable into an outlet firmly. ● Firmly insert the outlet of AC power cable into the AC inlet of Power equipment.
Sound is not heard immediately after turning the power on.	● The vacuum tubes are worked in the equipment. Sound is not outputted until the circuits become stable operation.	● After turning the power supply to ON, please wait one minute.

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## User Support

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As for the unclear matters with regard to the after service, please contact the dealer.

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## Specifications

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Product	Power Supply Unit for being added for EA-1000
Power consumption	30W*(230VAC 50 to 60Hz)
Dimensions (mm)	210(W) × 103(H) × 333(D)
Weight	7kg

Accessories: AC power cable (x1), Shorting connectors (x2), and Ground wire (x1)

\* The power consumption is printed as “40W” on the power supply unit of EA-1000; but, they are 30W each for both of power supplies when two power supplies are used.

- The appearance and specifications of this equipment are subject to change without notice in order to improve it.





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*Phasemation* is the original audio brand of Kyodo Denshi Engineering Co., Ltd.