

Chassis/Power Distributor DPA-M1600

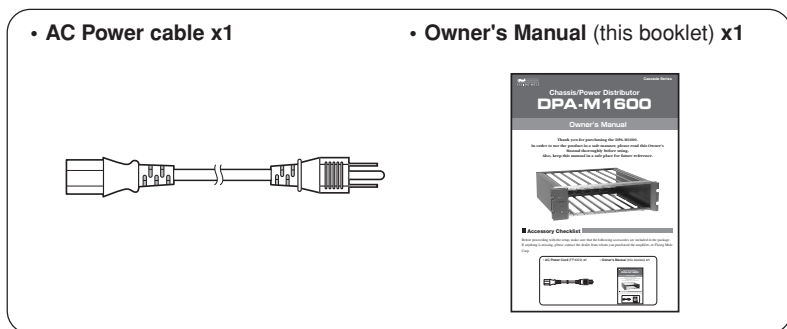
Owner's Manual

Thank you for purchasing the DPA-M1600.
In order to use the product in a safe manner, please read this Owner's Manual thoroughly before using.
Also, keep this manual for future reference.



Accessory Checklist

Before proceeding with the setup, make sure that the following accessories are included in the package. If anything is missing, please contact the dealer from whom you purchased the amplifier, or Flying Mole Corp.



Safety Instructions

11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.
When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus has been exposed to rain or moisture, does not operated normally, or has been dropped.



THIS PRODUCT IS NOT WATERPROOFS, TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE AND DO NOT PUT ANY WATER SOURCE ON THIS PRODUCT, SUCH AS VASE, FLOWER POT, COSMETICS CONTAINER AND MEDICINE BOTTLE ETC.

2 Features

- * Easily stackable and hot-swappable amp system (Multiple amp modules can be freely mixed and configured to provide just the number of channels and power output needed.)
- * Standard EIA 19-inch 3U rack mountable system can deliver a maximum 100W/8Ω x 16ch by PM-162d (300W/8Ω x 8ch by PM-301d).

1 Safety Instructions



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THIS UNIT.



THIS SYMBOL INDICATES THAT THERE ARE IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS IN THE OWNER'S MANUAL WITH THIS UNIT.

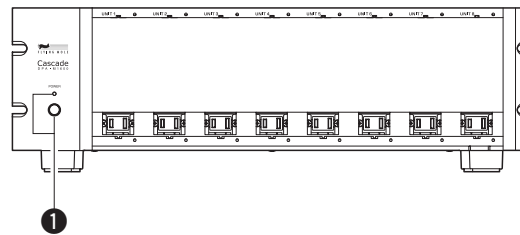
WARNING : To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

The important safety instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cable from being walked on or pinched particularly at plugs, convenience receptacles, and the point where exit from the apparatus.

3 Component Names and Functions

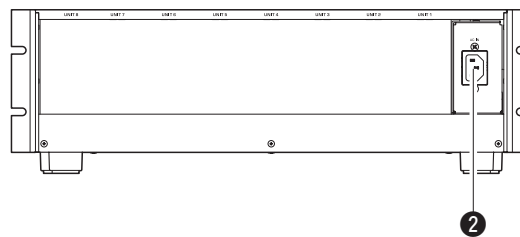
Front View



1 Power Switch/Indicator

This is the master Power Switch to turn Power for all module, ON/OFF. The indicator lights when the power is turned ON.

Rear View



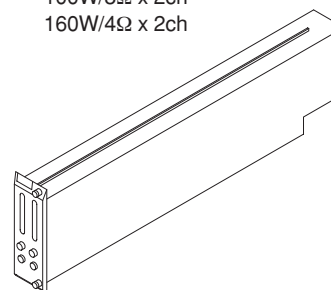
2 AC IN Connector

This is the AC power socket for detachable power cable.

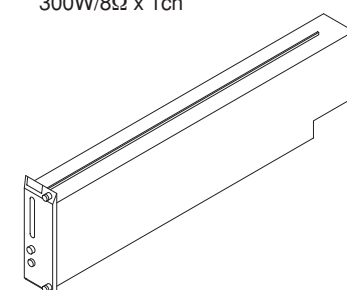
Optional

◆ Amp Module

- PM-162d HT/BI
100W/8Ω x 2ch
160W/4Ω x 2ch



- PM-301d HT/BI
300W/8Ω x 1ch



HT Type : RCA input jacks, binding post speaker terminals
BI Type : Balanced XLR input jacks. SPEAKON output jacks

◆ Blank Plate

- BP-8c

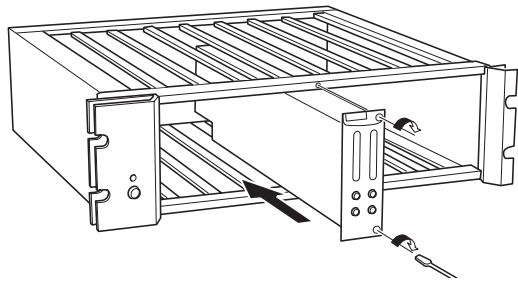


* This plate is used to cover the open sections, do not have amp modules installed.
Use the supplied screws on the cover to fix it in place.

4 Connections

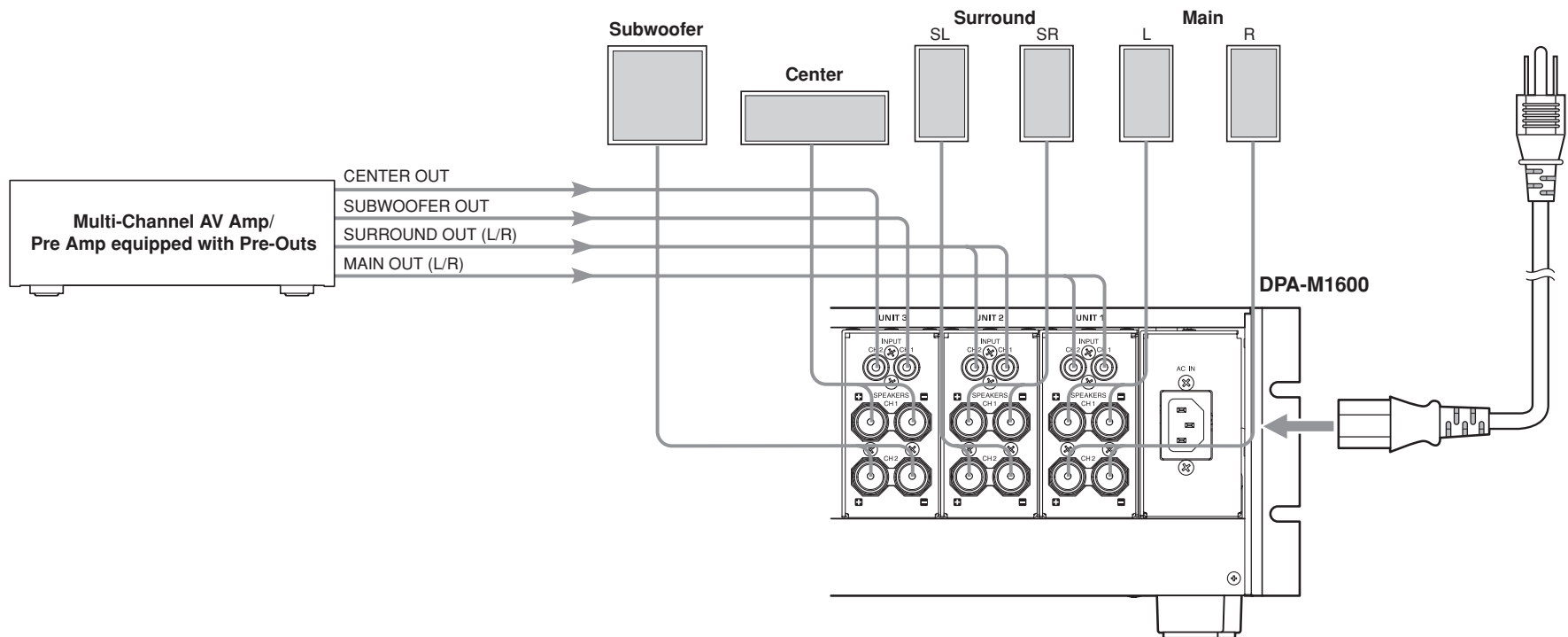
(1) Installing the amp modules

Align the rails on the top and bottom of the amp module with the grooves on the chassis and slowly slide the module fully into the chassis. Moderately fasten the screws on the upper and lower right sides of the module's front panel to fasten the module in place.



(2) Connections Example

Indication of signal outputs may differ according to the equipments being used. Refer to the Owner's Manual that came with the device in question for more information.



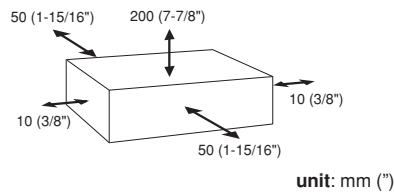
<About Installation>

(1) If the chassis is not to be installed in a rack, etc.

- Provide adequate space around the amplifier. (see the figure below)
- Do not place any objects on top of or under the amplifier.
- Inadequate ventilation may cause damage.

(2) Installing the chassis in a standard EIA 19-Inch Rack

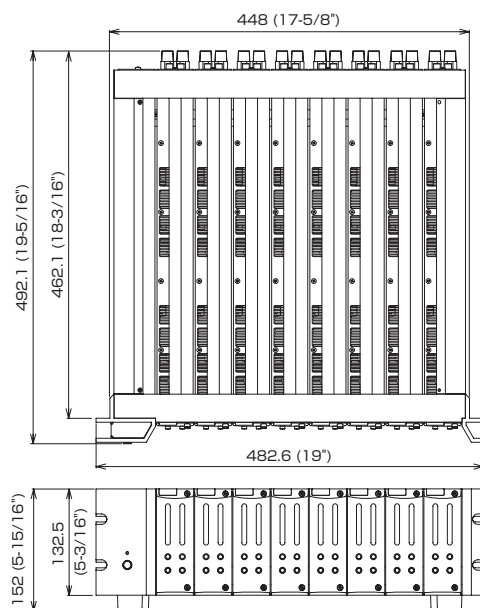
- Provide adequate space above and below the amplifier. (see the figure below)



5 Dimensions (with the amp modules installed)

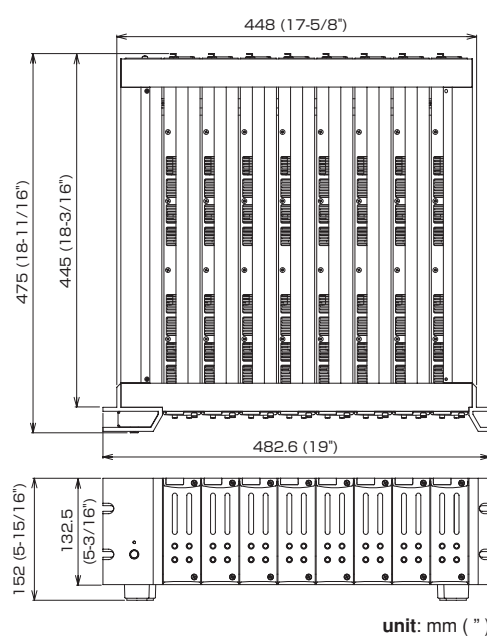
● With 8 modules of PM-162d HT type installed

(The dimensions are the same with the PM-301d HT type modules installed.)



● With 8 modules of PM-162d BI type installed

(The dimensions are the same with the PM-301d BI type modules.)



unit: mm (")

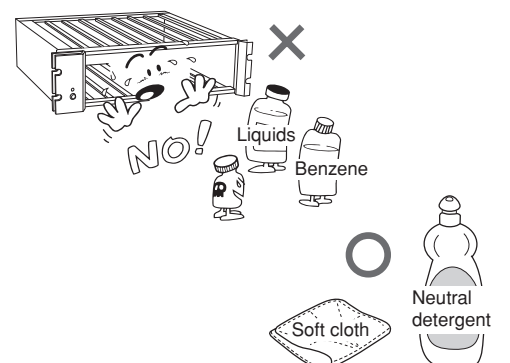
6 Specifications

Power Supply	AC120V 60Hz (U.S.A. & Canadian model) / AC230V 50Hz (European model) Other areas : mentioned on the sheet attached on the rear panel.
Operating Conditions	0°C~40°C 32°F~104°F
Max. Dimensions	19"(W) x 5-15/16"(H) x 18-1/2"(D) 482.6(W) x 152.0(H) x 469.4(D) mm (chassis only)
Weight	5.1kg / 11.24 lbs

* Specifications and/or product design are subject to change without notice due to product improvement.

7 Maintenance

Never use liquids such as benzene, thinners, etc., chemically treated cloths, and do not spray any aerosol type insecticides on the amplifier. Clean the case using only a soft, dry cloth. If the amplifier becomes soiled, mix a solution of water and a neutral detergent then dampen a soft cloth in the solution, wring out as much of the solution as possible, and clean the amplifier. Then use a soft, dry cloth to wipe the surface dry.



8 Warranty

Warranty period is shown by distributor in each market. In case defects occur during this period not due to mishandling or modification, please send the product together with proof of purchase to the dealer where you had purchased or to the following address if it is shown.

This document is printed with soy ink (an organic ink made from soy oil) on recycled paper. Environmentally friendly printed matter.



FLYING MOLE CORPORATION
Waji-cho 5199-1, Hamamatsu-shi, 431-1115 Japan
Tel : +81-53-486-6030 Fax : +81-53-486-6033
http://www.flyingmole.co.jp info@flyingmole.co.jp