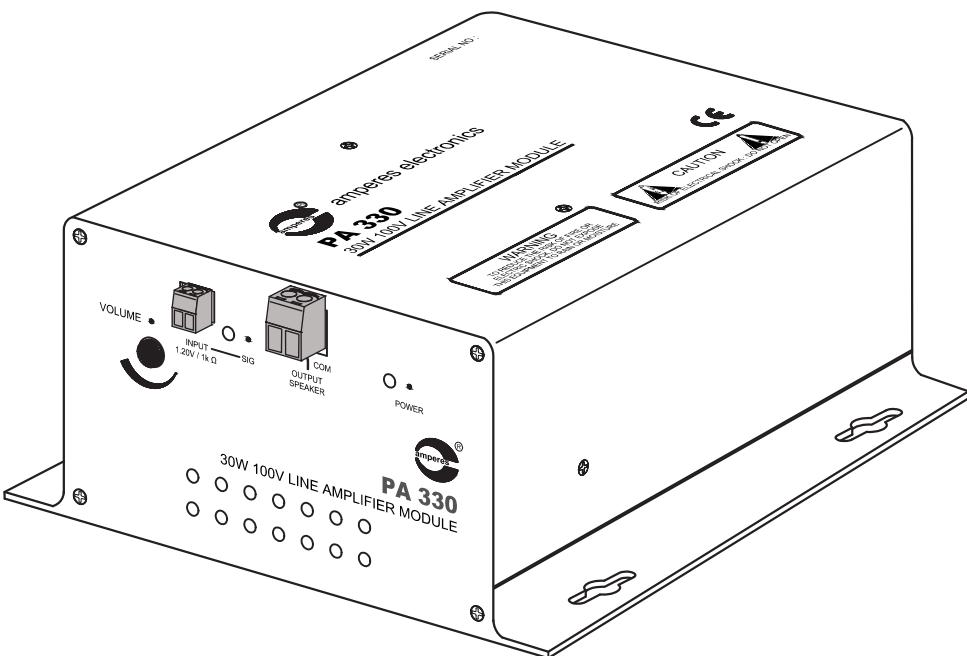




# INSTRUCTION MANUAL

## PA330 30W Mini Amplifier



---

*Thank you for choosing another quality product from Amperes Electronics.*

Amperes presents the newly upgraded PA330 with revamped outlook, body construction and most prominent is the improved performance in sound output and durability. It is able to withstand higher ambient temperature while maintaining its performance, making it suitable to be installed in cabinets at outdoor installations.

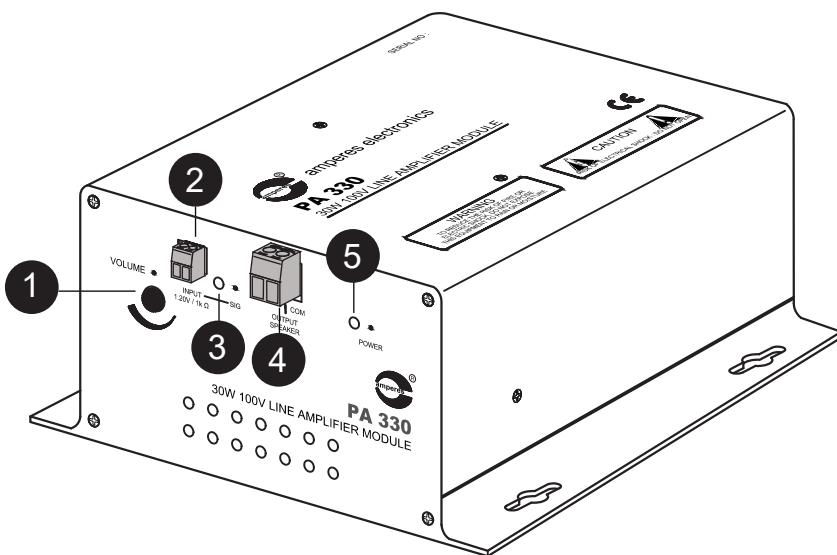
Among applications are using it as remote amplifier in decentralised PA system such as classrooms, outdoor pole paging installations, etc.

Select Amperes PA330, it is the right choice for long lasting applications.

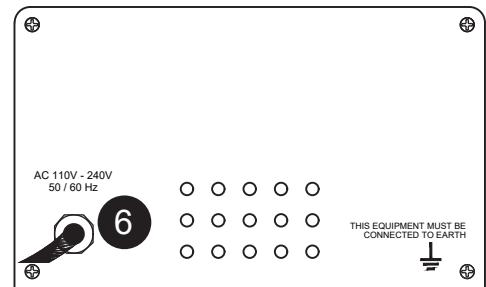


# Parts Identification

Front View



Rear View



## 1. VOLUME CONTROL KNOB

To adjust volume level of output signal.

## 2. AUDIO INPUT PORT ( UNBALANCED)

Input to PA330 is line unbalanced.

## 3. AUDIO LED INDICATOR

Input signal LED shall blink according to the intensity of input level.

## 4. AUDIO OUTPUT PORT (100V LINE)

This is where transformer coupled speakers are connected. The total wattage of speakers should not exceed 30W.

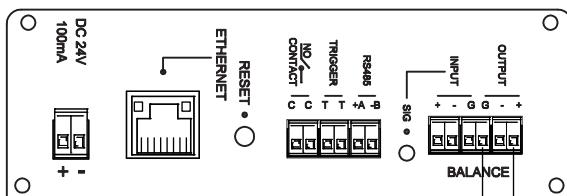
## 5. POWER LED INDICATOR

Blue LED as power indicator.

## 6. AC MAINS INPUT

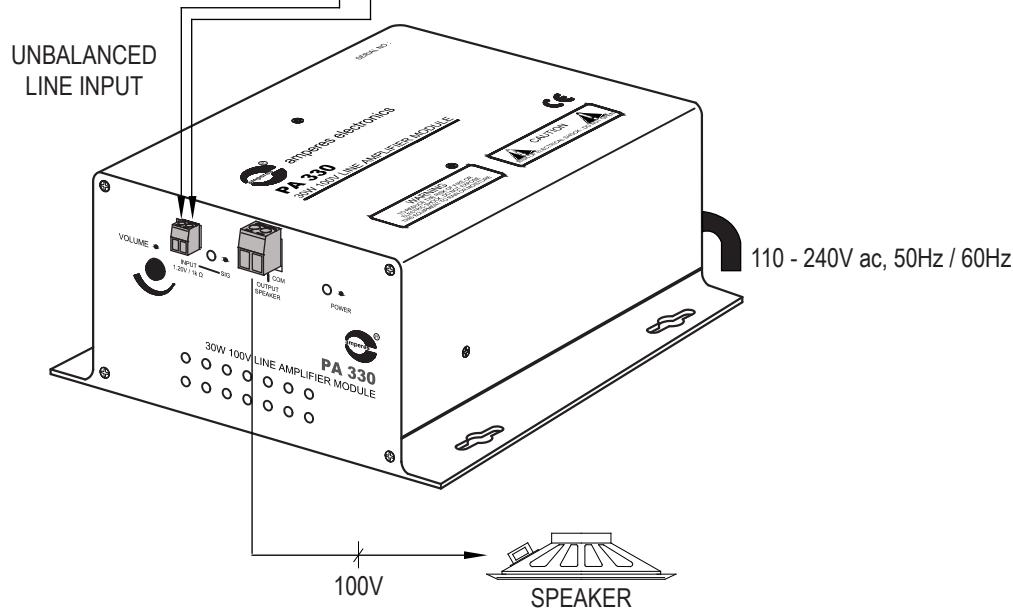
PA330 operates with mains ac of 110 to 240V, the unit must be earthed.

# Connecting the Unit



Rear View iPX5155

Other audio source with unbalanced line signal may be used, such as TV audio output, audio feed from CCTV system, digital to analogue audio converter, etc.



The above illustrations show typical installation for decentralised system with iPX music client.

## Technical Specifications

Rating	30W 100V Line
Operating voltage	110 - 240V ac, 50Hz / 60Hz
Power consumption	
Idle	8.4W ( 240V ac, without audio input )
Full load	58W ( 240V ac, with audio input, max volume, full load, 1 KHz )
Current consumption	
Idle	35mA ac ( 240V ac without audio input )
Full load	240mA ac ( 240V ac, with audio input, max volume, full load, 1 KHz )
Input signal	Mono; unbalanced line
Input sensitivity	800mV (Vrms)
Max input	1.2Vrms
Input impedance	1K Ohm
Frequency response	100Hz - 20 KHz, 100V ± 3dB ( Vrms )
Controls	Input volume preset
Dimensions (WxHxD)	150 x 71 x 155 mm
Weight	1.10 kg

### Note:

The above specifications are correct at time of printing but subjected to changes without prior notice due to product improvements.

# **Warranty Conditions**

Only Amperes Electronics Service Centres are allowed to make warranty repairs : a list of Amperes Electronics Service Centres may be asked for by the purchaser or send directly to Amperes Electronics Sdn Bhd at 70 Jalan Industri PBP 3, Tmn Perindustrian Pusat Bandar Puchong, 47100, Puchong, Selangor, Malaysia or its authorized dealers. This warranty is not valid if repairs are performed by unauthorized personnel or service centres.

This warranty covers only repairs and replacement of defective parts ; cost and risks of transportation as well as removal and installation of the product from the main system are for the account of the purchaser. This warranty shall not extend to the replacement of the unit.

This warranty does not cover damages caused by misuse, neglect, accident of the product as well as using the product with power supply voltage other than shown on the product, or any other power supply source / adaptor not recommended by the manufacturer.

This warranty does not cover damages caused by fire, earthquakes, floods, lightning and every cause not directly related to the unit.

This warranty does not include any indemnity in favor of the purchaser or the dealer for the period out of use of the unit; moreover the warranty does not cover any damages which may be caused to people and things when using the product.

This warranty certificate is valid only for the described product, and is not valid if modifications are made on this certificate or on the identification label applied on the product.

This warranty covers all the material and manufacturing defects and is valid for a period of 36 months from the date of purchase or for a specified period in countries where this is stated by a national law. In this case, the extension is valid only in the country where the product is purchased.

Amperes Electronics Sdn Bhd is not obliged to modify previously manufactured products under warranty if the design changes or improvements are made.

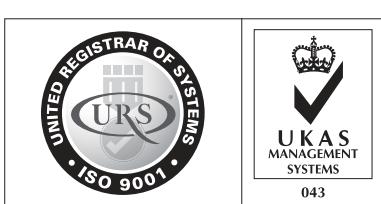
# **Disclaimer**

Information contained in this manual is subject to change without prior notice and does not represent a commitment on the part of the vendor. AMPERES ELECTRONICS SDN BHD shall not be liable for any loss or damages whatsoever arising from the use of information or any error contained in this manual.

It is recommended that all services and repairs on this product be carried out by AMPERES ELECTRONICS SDN BHD or its authorized service agents.

AMPERES series must only be used for the purpose they were intended by the manufacturer and in conjunction with this operating manual.

AMPERES ELECTRONICS SDN BHD cannot accept any liability whatsoever for any loss or damages caused by service, maintenance or repair by unauthorized personnel, or by use other than that intended by the manufacturer.



ISO 9001:2015  
Design & Manufacture of Public Address Equipment and Systems  
Certificate No. 16895 / A / 0001 / UK / En



AMPERES ELECTRONICS SDN BHD  
MADE IN MALAYSIA  
Published : JUNE 2019