

Amperes PA320 is a mini amplifier used to amplify BGM signal to a speaker of 4 or 8 Ohm, such as from TV output to a bathroom speaker in a hotel room. Amperes VC7805 volume controller and VP7810 BGM-Speaker patch panel can be installed if required to allow emergency paging to be announced at the speaker.

Other applications include simple mic calling system at counters or as an amplifier module to some other system which need to broadcast audio output to a speaker, ie. queue management system or telephone intercom.

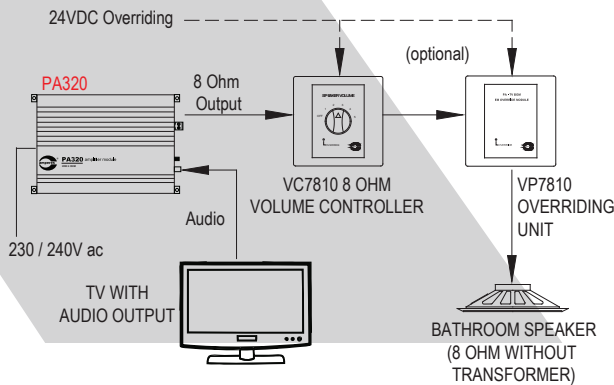
**Features**

- Available in 20W 4 Ohm rating or 30W 100V line (PA330)
- Adjustable volume control for volume preset
- Compact size for easy installations



**PA320**  
20W 4Ohm Mini Amplifier

**Application Schematic**



**PA330**  
30W 100V Line Amplifier

Amperes PA330 has higher rating of 30W 100V line which accepts unbalanced line input. It can be used as remote amplifier in a decentralised PA system. Among applications include classroom paging and paging for remote station.

Using LC1000 (step down module) shall allow PA330 to accept 100V line input and thereby a very large network of paging can be implemented in a wider area.

**Technical Specifications**

	<b>PA320</b>	<b>PA330</b>
Rating	20W 4 Ohm	30W 100V Line
Operating voltage	220 - 240V AC	
Current consumption	0.14A	0.17A
Input signal	Mono ; unbalanced line	
Input sensitivity	40 mV	
Max input	1.2V	
Input impedance	100 K Ohm	10 K Ohm
Frequency response @ 1KHz +/- 3 dB	100 ~ 18 KHz	150 ~ 15 KHz
Controls	Input volume preset	
Dimensions (WxHxD)	130 x 55 x 95 mm	160 x 95 x 170 mm
Weight	790 g	2.4 kg

**Packing information**

PA320  
W x H x D : 552 x 163 x 294 mm  
Qty per carton : 20 unit  
Weight : 16.4 kg

PA330  
W x H x D : 550 x 420 x 220 mm  
Qty per carton : 10 unit  
Weight : 24.1 kg