

PA300 Series of mini amplifiers are available to power small number of localized speakers. 3 variants are available for different applications, with 4 Ohm speaker connectivity as well as 100V line output for high impedance speakers. Their compact size enabled them to be stored in small enclosed areas such as cabinets, pole boxes, etc.

PA320 20W 4 Ohm Mini Amplifier

Used to amplify BGM to a speakers of 4 or 8 Ohm, from TV output to a bathroom speaker in hotel room. Amperes VC7810 volume controller and VP7810 BGM Speaker patch panel can be installed for emergency overriding by central PA system.

- Adjustable **volume** control
- **Compact** size of 20W 4 Ohm rating



VC7001
Volume Controller
for PA322

PA322 20W 4 Ohm Mini Amplifier with Dual Source

It is powered by Class D amplifier with built in PA overriding module which allows central PA to override local source for emergency broadcast. Two audio source can be connected to PA322, which is selectable via VC7001 volume controller with source selector button and smooth volume adjustment.

- **Class D** amplifier with 20W 4 Ohm rating
- **Dual input source**, selectable via external volume controller (VC7001)
- Easy connection to **VC7001** for source selection and volume adjustment

PA330 30W 100V Mini Amplifier

It is suitable to be used as remote amplifier in decentralized system such as classroom paging, horn amplifier for security poles or to drive a group of localized high impedance speakers. To use as relay amplifiers along 100V line trunk, a down converter such as PR7400 can be installed with its output fed to PA330 to drive some 100V speakers.

- Adjustable **volume** control
- **Compact size** of 30W 100V output



Technical Specifications

| | PA320 | PA322 | PA330 |
|-------------------------------|------------------|------------------------|-------------------|
| Ratings | 20W 4 Ohm | | 30W 100V |
| Operating voltage | 220 - 240V AC | | |
| Current consumption (240V AC) | 0.14A | 0.03A | 0.24A |
| Inputs | 1 | 2 | 1 |
| Input audio | Mono, unbalanced | | |
| Input signal (sensitivity) | 800 mV | | |
| Input gain controls | -40 to +4 dBu | | |
| Input impedance | 10 k Ohm | | |
| Outputs impedance | 4 Ohm | 4 Ohm | 330 Ohm |
| Controls | Volume | Volume & source select | Volume |
| External link (optional) | VC7810, VP7810 | VC7001 | VC7030 |
| Frequency response | 100 - 18 KHz | 20 - 20 KHz | 100 - 20 KHz |
| S/N ratio | >65 dB | | |
| Operating temperature | -10° to 60°C | | |
| Operating humidity | 80% | | |
| Dimensions (W x H x D) | 130 x 55 x 95 mm | 140 x 55 x 95 mm | 150 x 71 x 155 mm |
| Weight | 0.76 kg | 0.82 kg | 1.10 kg |

Packing Information

PA320 / 322 :

Carton size : 555 (L) x 295 (W) x 165 (H) mm
Gross weight : 16.20 kg
20 units per carton

PA330 :

Carton size : 550 (L) x 465 (W) x 180 (H) mm
Gross weight : 16.55 kg
12 units per carton