



Amperes PA322 is a newly designed mini amplifier to cater for the needs of small area local audio broadcast such as hotel bathroom, classroom, or small lounge. It has built in PA overriding module, which the main PA would override local music for essential announcement to pass through.

It is powered by high efficiency 20W 4 Ohm Class D amplifier module with low heat dissipation and excellent sound reproduction. 2 input source are available and shall be connected to external volume controller VC7001 that comes with source selector button and smooth rotation volume controller.

With its compact built package, it can be easily installed and hidden, such as inside cabinet or above ceiling.

Features

- ▶ 20W 4 Ohm output
- ▶ Built in 100V line audio overriding for emergency paging
- ▶ 2 audio source inputs with detachable phoenix connectors
- ▶ External volume controller for source select and volume adjustment (VC7001)
- ▶ High efficiency Class D amplifier
- ▶ Compact module

Technical Specifications

Rating	20W 4 Ohm
Operating voltage	220 - 240V AC ; 50/60 Hz
Current consumption	Idle: 1.55W Full load: 5.5W
Input	2 x mono; unbalanced line 100V line audio 24V DC overriding
Input connector	Detachable phoenix
Input sensitivity	800 mV
Max input	1V rms
Input impedance	10K
Output	4 Ohm
Output connector	Detachable phoenix
Controls	External volume and source
Volume controller	Amperes VC7001
Frequency response	20 - 20 kHz
S/N ratio	> 70dB @ 1 kHz +/- 3dB
THD + Noise	0.24%
Protection	Thermal, short cut, overload, AC fuse
Dimensions (WxHxD)	140 x 55 x 95 mm
Weight	820 g



PA322
20W 4 Ohm Mini Amplifier

Application Schematic

