

IPA8200

Power Amplifier



IPA8200

Rear Panel

2U



Eight channels of top-quality audio power in a lightweight 2U unit.

- Efficient class-D design delivers 8 x 200W (4 ohms) of top-quality power in a 2U rack-mount unit.
- A perfect match for the rack-mount IMX644 Installation Mixer and Yamaha's Installation Series speakers.
- Ideal for a variety of installations, from simple bar/restaurant or corporate meeting room systems to larger theater audio systems.
- Euroblock input and barrier strip output.
- Channel pairs can be driven in stereo, parallel, or bridged modes.
- Independent power supplies for each pair of channels reduce the risk of losing all eight channels in case of a failure in one channel.
- Selectable 26dB or 32dB gain, or constant +4dBu sensitivity settings allow the amplifier to be used in different audio systems with optimal gain structure.
- Built-in HPF switchable to 20Hz or 55Hz facilitates connection to speakers of different capacities without the need for external processors.

IPA8200

GENERAL SPECIFICATIONS

Model		IPA8200		
Output Power		1kHz, THD+N=1%	20Hz-20kHz, THD+N=0.1%	1kHz, 20ms Burst
	4Ω per channel	200W x 8	200W x 8	200W x 8
	8Ω per channel	100W x 8	100W x 8	100W x 8
	8Ω / BRIDGE	400W x 4	400W x 4	400W x 4
Input	Selector position	+4dBu	26dB	32dB
Sensitivity	RL=8Ω Att. max	+4dBu	+5.2dBu	-0.8dBu
Maximum	Selector position	+4dBu	26dB	32dB
Voltage Gain	Att. max	27.2dBu	26dB	32dB
S/N Ratio	A-weighted	Less than 100dB		
Idle Power Consumption		70W		
1/8 Power Consumption (4Ω)		350W		
Full Power Consumption (4Ω)		2500W		
THD+N (4Ω)	1kHz, half power	≤ 0.1%		
Frequency Response	8Ω, Po=1W	20Hz-20kHz, 0dB, -1.5dB		
Channel Separation	Half power RL=8Ω 1kHz ATT. Max input 600Ω shunt	Less than 60dB		
Maximum Input Level		+2.4dBu		
Input Impedance		20kΩ (balanced) 10kΩ (unbalanced)		
Controls	Front panel	POWER switch (push on/push off), Mute button x 8, Attenuator (41position) x 8		
	Rear panel	MODE selector (STEREO/BRIDGE/PARALLEL) x 4, GAIN selector (+4dBu, 26dB, 32dB), HPF selector (ON/OFF fc=20Hz, 55Hz)		
Connectors	Input	Euroblock connector (balanced)/ch		
	Output	Barrier strip/ch		
	Power	AC inlet x 1		
Indicators		POWER: x 1 (White), PROTECTION: x 8 (Red), CLIP: x 8 (Red), SIGNAL: x 8 (Green), PARALLEL: x 4 (Orange), BRIDGE: x 4 (Orange)		
Load Protection		POWER switch on/off mute, DC-fault power supply shutdown		
Amplifier Protection		Thermal (heatsink temp ≥ 95°C), Over current: power supply shutdown		
Power Supply Protection		Thermal (heatsink temp ≥ 85°C) power supply shutdown		
Limiter Circuit		Clip limiting :Limiting level ≥ 100W at 8Ω or limiting level ≥ 200W at 4Ω		
Cooling		Dual Variable-speed fan		
Power Requirements		100V-120V 50Hz / 60Hz, 220V-240V 50Hz		
Dimensions (W x H x D)		480 x 88 x 406.5 mm (18-7/8" x 3-7/16" x 16")		
Weight		10.5 Kg (23.1 lbs)		
Included Accessories		Power cord(2.5m), Hexagonal key, Security cover, Hexagonal screw x 2, Hexagonal wrench, Owner's manual, 3-pin Euroblock connector x 8		

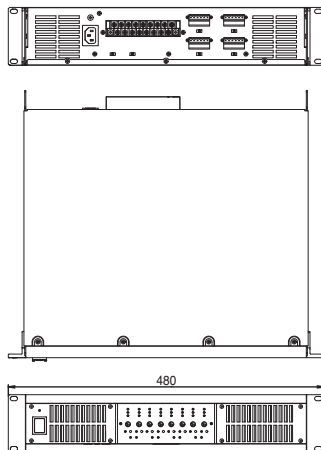
*1: 1/8 Power = 9dB below rated power

*2: Half Power = 3dB below rated power

*3: 0dBu = 0.775Vrms

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DIMENSIONS



unit : mm

