

IPA8200

Power Amplifier



IPA8200



2U

Rear Panel

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.

GENERAL SPECIFICATIONS

Output Power	1kHz, THD+N = 1%	4Ω	200W x 8
		8Ω	100W x 8
		8Ω bridge	400W x 4
	1kHz, 20ms burst	4Ω	200W x 8
		8Ω bridge	400W x 4
Voltage Gain	RL=8Ω		26dB/32dB
		+4dBu position	27.2dB
Input Sensitivity	RL=8Ω	+4dBu position	+4dBu
		26dB position	+5.2dBu
		32dB position	-0.8dBu
S/N Ratio	20Hz-20kHz, DIN AUDIO		100dB
Power Consumption	1/8 power (4Ω pink noise)		350W
	Idle		70W
THD+N	40Hz-20kHz, 1/2 power, RL=4Ω		Less than 0.5%
Frequency Response	RL=8Ω, Po=1W, 20Hz - 20kHz		+0dB, -1.5dB
Crosstalk	1kHz, half power, 8Ω Att. max, input 600Ω shunt		Less than -60dB
Maximum Input Level			+24dBu
Input Impedance			20kΩ (balanced), 10kΩ (unbalanced)
Controls	Front Panel		POWER switch x 1 (rocker), MUTE x 8, Attenuator x 4 (41position)
	Rear panel		MODE switch x 4 (STEREO/BRIDGE/PARALLEL), GAIN switch x 1 (+4dBu/26dB/32dB), HPF switch x 1 (20Hz/55Hz/OFF) (12dB/oct)
Connectors	Input		Euroblock connector (balanced) x 8 pairs
	Output		Barrier strip x 8 pairs
	AC IN		AC inlet x 1
Indicators			POWER x 1 (Green), PROTECT x 8 (Red), CLIP x 8 (Red), SIGNAL x 8 (Green), MUTE x 8 (Red), PARALLEL x 4 (Orange), BRIDGE x 4 (Orange)
Load Protection			POWER switch on/off mute, DC fault: Amplifier shuts down automatically, Clip limiting: ≥100W at 8Ω/200W at 4Ω
Amplifier Protection			Thermal: Output Mute (heatsink temp ≥ 95°C), Over current: Amplifier shuts down automatically
Power Supply Protection			Thermal: Amplifier shuts down automatically (heatsink temp ≥ 85°C)
Cooling Fan			two-speed fan x 2
Power Requirements			120V, 220V-240V; 50Hz/60Hz
Dimensions (WxHxD)			480 x 88 x 406.5mm (18-7/8" x 3-7/16" x 16")
Weight			10.5kg (23.1lbs)
Included Accessories			Power cable x 1, Security cover x 1, Euroblock connector x 8 (3P), Owner's manual

* Half power = 1/2 power output level

DIMENSIONS

unit : mm

