



Model No. DPA400/220

Part No. 12-2002-008 /12-1202-008

DATASHEET

APPLICATION

- PA /BGM
- Entertainment Venues,
- Commercial Building
- Exhibition Centers
- Meeting Room AV Installations



Key Features

- 200*2 watts at 8 Ohms Power Amplifier
- Flow-through air path and solid aluminum Heat sinks for maximum cooling
- Class H topology, the FX Series ideal For live sound / production applications.
- Front panel LEDs indicate status of switch settings
- Parallel XLR/M connectors for input connectivity
- Neutrik Speakon® for outputs connectivity
- 2 year warranty, plus optional 2 year extended service contract
- Linear Class H output circuit offer double the typical efficiency of Class D, reducing AC current consumption and cooling requirements
-

Product Description

DAT Audio DPA Series SMPS power Amplifier offers you a stunning 200/120 watts RMS power at 8 ohms. Each equipment includes independent logic high rate of power supply, which can control electrical circuit to adjust power output and voltage from time to time, and to respond the request of signal and load,

So it can get the best power match under the wide range of load, to ensure the power amplifier will not be overheating. It is a stable amplifier with high sonic quality and suitable for Commercial Application Such as PA system, BGM, and Meeting Room AV Installation Purpose, indoor and outdoor mobile gigs as well Extensive Protection Circuitry including overpressure, over-current, short circuit, over-temperature, clip limiter, so as to prevent damage caused by man-made and environmental factors ensures high quality performance year after year.

Power Source	220 - 240 V AC
Amplification System	Class D
Finish	Panel: Aluminum Case: Plated steel sheet
Power Consumption	440 W (based on EN standards)
Input	10 k Ω XLR-3-31 type connector
Rated Output	1 channels: 200 W x2 (100 V line 83ohm loader)
Frequency Response	50 Hz - 20 kHz (-3 dB)
Total Harmonic	0.1 % (1 kHz)
Distortion	0.3 % (100 Hz - 20 kHz)
Protection Circuit	Protection against excessive current flow due to overload Temperature rise at power amp. heat sink (100 °C (212 °F) or more) temperature rise at power supply heat sink (80 °C (176 °F) or more)
S/N Ratio	100 dB (A-weighted)
Crosstalk	70 dB (A-weighted)
Control/Monitor	Signal control mode: Amplifier Power goes sleep mode within 35 –100 seconds once the input signals goes OFF, and Power ON again once system sense the input signals
LED Indicator	Power (blue) x 1 Protect (red) x 1 Clip (yellow) x 1
Cooling	Forced air cooling
Operating Temperature	10 °C to +40 °C (14 °F to 104 °F)
Operating Humidity	90 %RH or less (no condensation)
Dimensions	482 (W) x44 (H) x 300 (D) mm 5 KG
Weight	
Accessory	Power cord (2 m (6.56 ft)) ...1 Rack mounting screw

Power Source	220 - 240 V AC
Amplification System	Class D
Power Consumption	240 W (based on EN standards)
Input	10 kΩ XLR-3-31 type connector
Rated Output	1 channels: 120 W x2 (100 V line 83ohm loader)
Frequency Response	50 Hz - 20 kHz (-3 dB)
Total Harmonic Distortion	0.1 % (1 kHz) 0.3 % (100 Hz - 20 kHz)
Protection Circuit	Protection against excessive current flow due to overload unusual DC voltage output temperature rise at power amp. heat sink (100 °C (212 °F) or more) temperature rise at power supply heat sink (80 °C (176 °F) or more)
S/N Ratio	100 dB (A-weighted)
Crosstalk	70 dB (A-weighted)
Control/Monitor	Signal control mode: Amplifier Power geos sleep mode within 35 –100 seconds once the input signals goes OFF ,and Power ON again once system sense the input signals
LED Indicator	Power (blue) x 1 Protect (red) x 1 Clip (yellow) x 1
Cooling	Forced air cooling
Operating Temperature	-10 °C to +40 °C (14 °F to 104 °F)
Operating Humidity	90 %RH or less (no condensation)
Finish	Panel: Aluminum Case: Plated steel sheet
Dimensions	482 (W) x44 (H) x 300 (D) mm
Weight	3 kg
Accessory	Power cord (2 m (6.56 ft.)) ...1 Rack mounting screw