

DP2240 2 x 240W 100V

DP4240 4 x 240W 100V

DP2500 2 x 500W 100V



DP2000 Series are multi channel Class D power amplifiers available in three variants, serving the needs of wider frequency range of audio. It is also compact in size and lighter than conventional power packs.

The high efficiency Class D circuits also reduces power consumption, an essential factor in reducing carbon prints to the environment.

Features

- Switching power supply technology with Class D amplification
- Available in 2 x 240W, 4 x 240W and 2 x 500W 100V line & 4 - 16 Ohm outputs
- Compact multichannel in 1 HU enclosure for rack space saving
- Individual balanced input with separate volume adjustment
- Bandpass filter to cut off unwanted bass audio and high pitch audio
- Short circuit, overload, temperature and DC protections
- Switchable sleep / On mode when input signal is not presence for energy saving
- Wide range AC supply with 24V DC back up

Packing information

Carton size : 605 (L) x 560 (W) x 125 (H) mm

Gross weight :

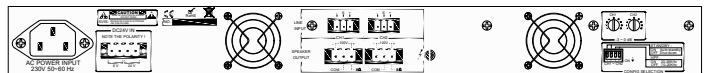
DP2240 : 7.75 kg

DP2500 : 8.50 kg

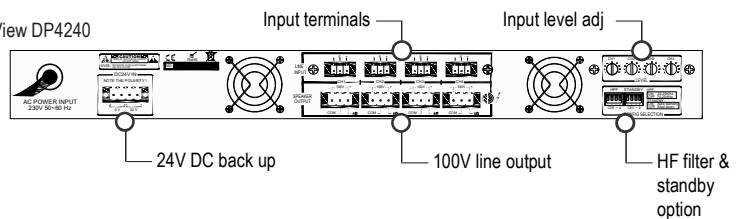
DP4240 : 8.40 kg

1 unit per carton

Rear View DP2240



Rear View DP4240



Technical Specifications

| | DP2240 | DP2500 | DP4240 |
|--------------------------------|---|-------------------|-------------|
| Ratings (rms) 100V output | 2 x 240 W | 2 x 500 W | 4 x 240 W |
| Operating voltage | 220 ~ 240 V AC or 24 V DC back up supply | | |
| Power consumption (240V AC) | 550 VA (2.3 A) | 1100 VA (4.6 A) | |
| Current consumption (24V DC) | 22 A | 46 A | |
| Standby current (24V DC) | 0.3 A | | |
| Input signal (sensitivity) | 0.775 V (0 dBu) / 10 k Ohm via Phoenix connectors | | |
| Input gain controls | -40 to +4 dBu | | |
| Outputs | 100V line and 4 - 16 Ohm | | |
| 4 Ohm output voltage | 38 V | | |
| Output impedance (max load) | 40 Ohm / Ch | 20 Ohm / Ch | 40 Ohm / Ch |
| Frequency response | 20 - 20 kHz @ 1 kHz +/- 3dB | | |
| S/N ratio | > 80 dB @ 1 kHz, 1V | | |
| THD + N | < 0.1 % , 1 kHz | | |
| Protections | Thermal, short circuit, overload, fuse, in-rush current | | |
| Cut off temperature | 75 deg C | | |
| Cooling system | Fan forced cooling | | |
| Indications | LED : Protect, input audio, output and power | | |
| Dimensions (WxHxD) mm | 482 x 44 x 420 | | |
| Net weight (kg) | 5.90 | 6.90 | 6.80 |

