

DPA2000

LOW IMPEDANCE (8/4/2Ω)

Stereo Amplifier



PRODUCT OVERVIEW

DPA2000 is a stereo amplifier delivering 2 x 940 WRMS @ 4 ohm, and ready to drive 2 Ω loudspeaker loads (4 x 8 ohms loudspeakers in parallel, per channel). It features Ecler's SPM proprietary technology and optional in-bay ALMAcard DSP module. A top-notch amplifier, very suitable for the high end installation.

KEY FEATURES

- 2 analogue audio inputs x 2 powered audio outputs
- ECLER patented SPM amplifying technology
- Drive down to 2 Ω loads
- Intelligent ANTICLIP system: always on. Limits Harmonic Distortion by monitoring the transient behaviour of the input signal
- Independent channel THERMAL protection with the front panel indicator
- PROTECT indicator when DC, when detected DC / LF input signals, or short-circuit
- loads
- SIGNAL PRESENT front panel indicator (-40dBV)
- CLIP indicator active for output signals 1.5dB below real clipping
- On-board 25 Hz switchable SUBSONIC filter
- Crowbar (relay-free) DC protection circuit
- Smart back-to-front cooling system
- ALMAcard DSP card compatible
- Tamper-proof front knobs plastic caps
- 2 RU high
- Three year warranty

APPLICATIONS

- Clubs
- Theme restaurants
- Discos
- Leisure centres
- Cinemas and theatre
- Educational centres
- Boardrooms and conference centres
- Mobile outdoor applications

CERTIFICATIONS

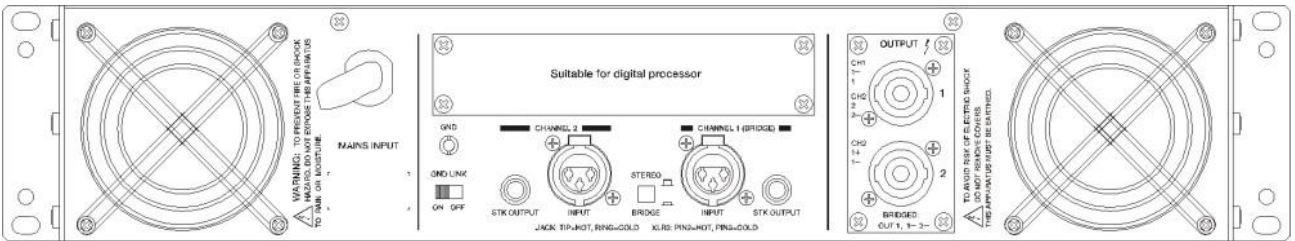
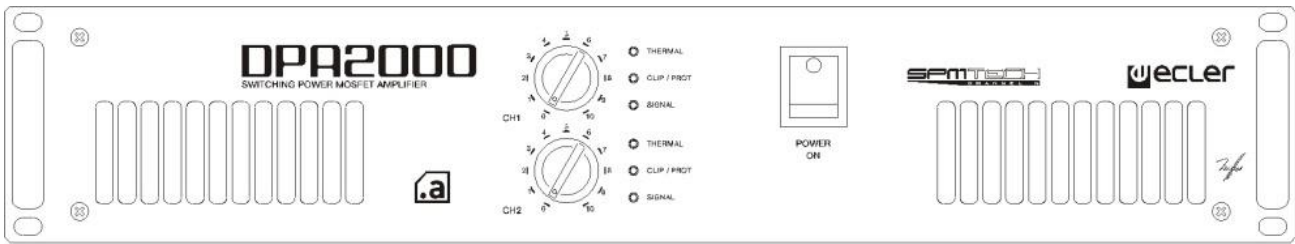
- EN60065:2014
- EN55103-1:2009
- EN55103-2:2009
- 2006/95/EC
- 2004/108/CE

TECHNICAL SPECIFICATIONS

DPA2000

| POWER 20-20kHz 1% THD | |
|-------------------------------|---|
| 2Ω Stereo | 1420 WRMS |
| 4Ω Stereo | 940 WRMS |
| 8Ω Stereo | 550 WRMS |
| 8Ω Bridged | 1880 WRMS |
| Peak Power 2Ω/1kHz | 2.95Kw |
| Frequency response (-1dB) | 6Hz-50kHz |
| High pass filter (-3dB) | 25Hz/Butt./18dB/oct. |
| THD+Noise @ 1kHz Full Pwr. | <0.07% |
| Imd. Dist. 50Hz & 7kHz, 4:1 | <0.08% |
| TIM 100 | <0.01% |
| S+N/N 20Hz-20kHz @ 1W/4Ω | >85dB |
| Damping factor 1kHz @ 8Ω | >300 |
| Slew Rate | ±80V/μs |
| Channel crosstalk @ 1kHz | >75dB |
| Input connector | XLR3 balanced |
| Input CMRR/ref. Max. PWR) | >60dB @ 1kHz |
| Input Sensitivity / Impedance | 0dBV/>22kΩ |
| Signal present indicator | -40dB |
| Output connectors | Speakon |
| Clip indicators | -1.5dB real clip |
| Anticlip limiter | 1% & 5% aprox. |
| Mains | 115V/230V. Voltage changed internally (NOT BY SWITCH) |
| Power consumption (max. Out) | 3115VA |
| General | |
| Dimensions Panel | 482.6x88 mm |
| Dimensions Depth | 470 mm |
| Weight | 22.7kg |

MECHANICAL DIAGRAM



All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

For technical requests address to your supplier, distributor or fill the contact form in our website, at Support / Technical Request.

Motors, 166-168 08038 Barcelona - Spain - (+34) 932238403 | information@ecler.com | www.ecler.com