FSD-2500E

DANTE MULTI-CHANNEL POWER STAGE



D
CLASS D

- Great power and sound quality in just 1 U rack
- 2 x audio channels
- High efficiency high reliability class D amplifier
- Secure, easy-to-connect euroblock connectors
- DANTE mod. compatible. FSD-22D

ESPECIALLY RECOMMENDED IN:

All sectors

DESCRIPTION

Multi-channel PA power amplifier with 100 V line output.

Powerful power amplifier in only 1 U 19" rack.
Suitable for PA installations with 100 V or 70 V loudspeakers.
Class D amplifier with high efficiency and high reliability due to low-maintenance protection circuits.
Secure, easy-to-connect euroblock connectors.
DANTE support via optional FSD-22D model.
Great sound quality and low noise.
Reduced weight.

For multi-zone PA and piped music systems with 100 V or 70 V line loudspeakers. Commercial premises, sports

+ Info:
https://fonestar.com/FSD-2500E

centres, educational establishments, conference rooms, cafés, restaurants, theme parks, etc.

TECHNICAL CHARACTERISTICS

FEATURES	2-channel PA power amplifier. 100 V or 70 V output for PA installations. Highly efficient and reliable class D amplifier thanks to low-maintenance protection circuits Safe and easily connectable euroblock connectors. Excellent sound quality and little noise.
POWER	2 x 400 W RMS or 1 x 480 W RMS (single channel)
GAIN	40 dB
RESPONSE	30-15.000 Hz (-3 dB, with output level 10 dB below nominal power)
DISTORSION	THD+N: <0.1% (1 kHz, 1/8 rated power, A-weighted)
DYNAMIC RANGE	>95 dBA (rated power)
CROSSTALK	>70 dB (rated power)
DAMPING FACTOR	>200 (1 kHz, 8 Ohm)
INPUTS	2 balanced/unbalanced auxiliary lines, euroblock, 20.000 Ohm/10.000 Ohm, 1 V RMS (0 dBV) 1 emergency/test, euroblock
OUTPUTS	1 GPIO fault indicator output, 5 V DC, euroblock
FUNCTIONS	Forced ventilation with variable speed according to the temperature LED power, protection, priority and peak signal indicators Emergency input priority/contact closure test, euroblock Disabling/mute via contact closure, euroblock



+ Info:
https://fonestar.com/FSD-2500E

PROTECTION	Short circuit, open circuit, temperature, ultrasound and radio frequency
CONTROLS	Volume for each channel 100/70 V switch on rear panel
IMPEDANCE	100 and 70 V, euroblock
TEMPERATURE RANGE	Operation: 0ºC ~ 50ºC
POWER SUPPLY	230 V AC, 1,200 W maximum 115 V AC on demand
DIMENSIONS	483 x 44 x 380 mm depth. 1 U 19" rack
WEIGHT	5.15 kg
OPTIONAL	FSD-22D: DANTE expansion module
ACCESSORIES	Anti-slip adhesive pads



+ Info:
https://fonestar.com/FSD-2500E