

PUBLIC ADDRESS / POWER AMPLIFIER / MULTI-CHANNEL

## 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:



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



+ Info:  
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All sectors



+ Info:

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

## TECHNICAL CHARACTERISTICS

FEATURES	<p>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.</p>
POWER	<p>2 x 400 W RMS or 1 x 480 W RMS (single channel)</p>
GAIN	<p>40 dB</p>
RESPONSE	<p>30-15.000 Hz (-3 dB, with output level 10 dB below nominal power)</p>
DISTORSION	<p>THD+N: &lt;0.1% (1 kHz, 1/8 rated power, A-weighted)</p>
DYNAMIC RANGE	<p>&gt;95 dBA (rated power)</p>
CROSSTALK	<p>&gt;70 dB (rated power)</p>



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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, 1 V RMS (0 dBV)
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
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: 0°C ~ 50°C
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



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