

PUBLIC ADDRESS / POWER AMPLIFIER / MULTI-CHANNEL

FSD-4500E

DANTE MULTI-CHANNEL POWER STAGE



- ✓ Great power and sound quality in just 1 U rack
- ✓ 4 x audio channels
- ✓ High efficiency high reliability class D amplifier
- ✓ Secure, easy-to-connect euroblock connectors

ESPECIALLY RECOMMENDED IN:



All sectors



+ Info:
<https://fonestar.com/FSD-4500E>

DESCRIPTION

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

Powerful power amplifier in only 1 U rack.

Suitable for PA installations with 70 V or 100 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-44D 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>4-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 low noise.</p>
POWER	<p>4 x 400 W RMS or 2 x 480 W RMS (with single channel of either A/B or C/D)</p>
GAIN	<p>40 dB</p>
RESPONSE	<p>20-20,000 Hz</p>
DISTORTION	<p>THD+N: <0,04% (1 kHz)</p>
DYNAMIC RANGE	<p>>105 dBA</p>
DIAPHONY	<p>>85 dB</p>



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DAMPING FACTOR	>200 (1 kHz, 8 Ohm)
INPUTS	4 balanced/unbalanced aux 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, 2,700 W maximum 115 V AC on demand
DIMENSIONS	483 x 44 x 380 mm depth. 1 U 19" rack
WEIGHT	6.4 kg
OPTIONAL	FSD-44D: DANTE expansion module
ACCESSORIES	Anti-slip adhesive pads



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