

# FSD-4500E

DANTE MULTI-CHANNEL POWER STAGE



## DESCRIPTION

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

Powerful power amplifier in only 1 U rack.

Especially for PA installations with 100 V or 70 V loudspeakers.

Highly efficient and reliable class D amplifier due to low-maintenance protection circuits.

Euroblock connectors, safe and easy to connect.

DANTE compatibility by means of the optional FSD-44D model.

High sound quality and low noise.

Low weight.

For multi-zone PA and piped music systems with 100 V or 70 V line loudspeakers. Commercial premises, sports centres, educational centres, conference rooms, cafés, restaurants, theme parks, etc.

## TECHNICAL CHARACTERISTICS



Expand product information on:  
<https://fonestar.com/es/FSD-4500E>

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: &lt;0.04% (1 kHz)</p>
DYNAMIC RANGE	<p>&gt;105 dBA</p>
CROSSTALK	<p>&gt;85 dB</p>
DAMPING FACTOR	<p>&gt;200 (1 kHz, 8 Ohm)</p>
INPUTS	<p>4 balanced/unbalanced aux lines, euroblock, 20,000 Ohm/10,000 Ohm, 1 V RMS (0 dBV)          1 emergency/test, euroblock</p>
OUTPUTS	<p>1 GPIO fault indicator output, 5 V DC, euroblock</p>
FUNCTIONS	<p>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</p>
PROTECTION	<p>Short circuit, open circuit, temperature, ultrasound and radio frequency</p>
CONTROLS	<p>Volume for each channel          100/70 V switch on rear panel</p>



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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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