

PUBLIC ADDRESS / POWER STAGES / MULTICHANNEL

## 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:



Factories



Hotels



Transport Stations



All sectors

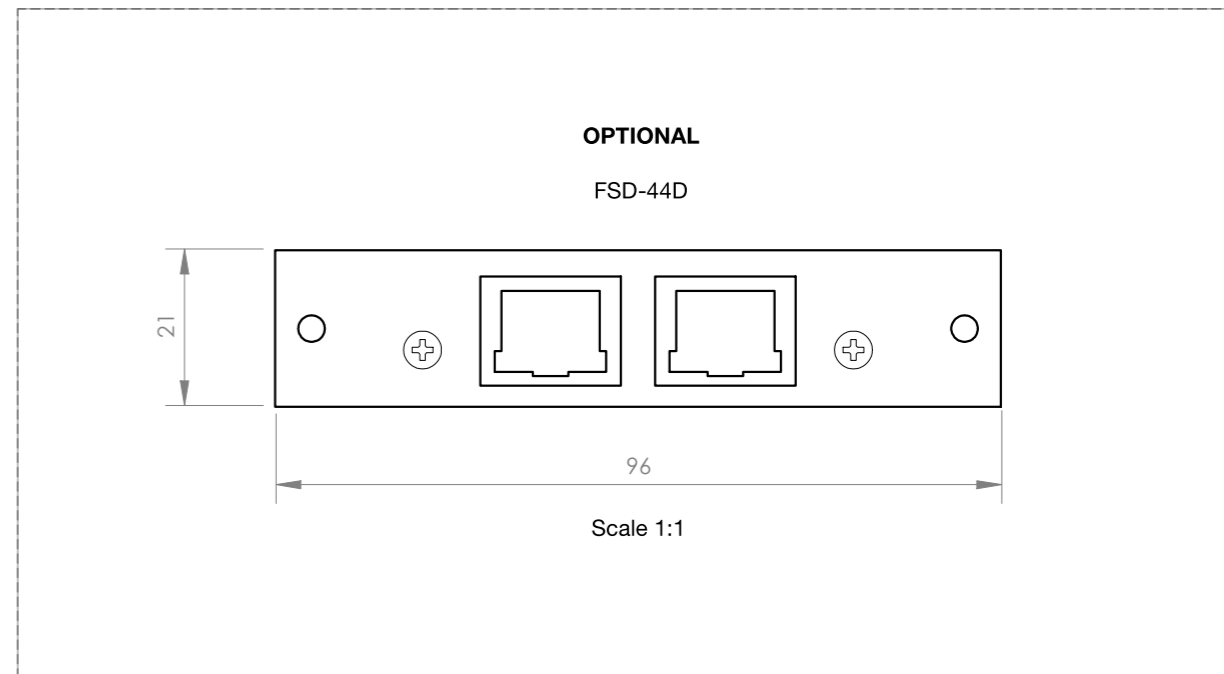
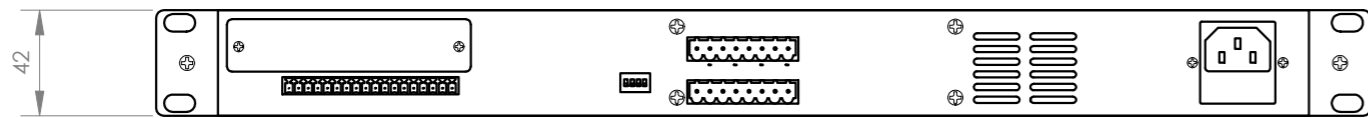
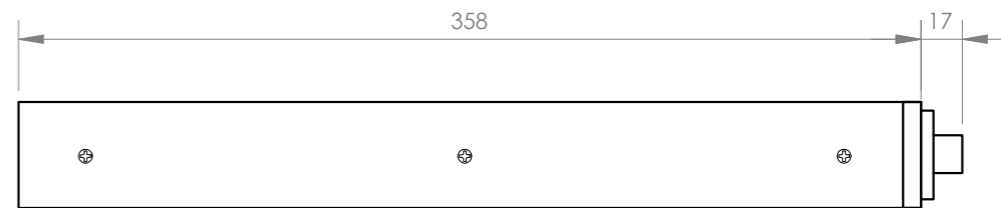
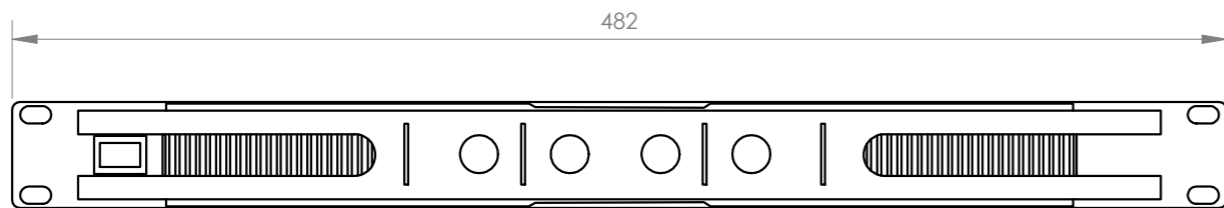
## DESCRIPTION

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.</p> <p>100 V or 70 V output for PA installations.</p> <p>Highly efficient and reliable class D amplifier thanks to low-maintenance protection circuits</p> <p>Safe and easily connectable euroblock connectors.</p> <p>Excellent sound quality and low noise.</p>
POWER	<p>4 x 1600 W Pico (4 channel), 2 x 1920 W pico (1 channel of each group A/B o A/C)</p> <p>4 x 400 W RMS (4 channels), 2 x 480 W RMS (1 channel of each group A/B o A/C)</p>
RESPONSE	20-20,000 Hz
GAIN	40 dB
DISTORTION	THD+N: <0,04% (1 kHz)
S/N RATIO	>95 dB
DYNAMIC RANGE	>105 dBA
DIAPHONY	>85 dB
DAMPING FACTOR	>200 (1 kHz, 8 Ohm)
INPUTS	<p>4 balanced/unbalanced aux lines, euroblock, 20,000 Ohm/10,000 Ohm, 1 V RMS (0 dBV)</p> <p>1 emergency/test, euroblock, 1 V RMS (0 dBV)</p>
OUTPUTS	1 GPIO fault indicator output, 5 V DC, euroblock
FUNCTIONS	<p>Forced ventilation with variable speed according to the temperature</p> <p>LED power, protection, priority and peak signal indicators</p> <p>Emergency input priority/contact closure test, euroblock</p> <p>Disabling/mute via contact closure, euroblock</p>

PROTECTION	Overload, 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
INSTALLATION	Modular frame type in 1U Rack
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



<b>FONESTAR</b>	Model	Description	Units	Scale
	FSD-3500E	DANTE MULTI-CHANNEL POWER STAGE	mm	1:3