

PA SYSTEM / POWER STAGES / MULTI-CHANNEL

FSD-2500E

DANTE MULTI-CHANNEL POWER STAGE



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



+ Info:

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

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 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	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 1600 W Pico (2 channels), 1 x 1920 W pico (1 channel) 2 x 400 W RMS (2 channels), 1 x 480 W RMS (1 channel)
RESPONSE	20-20,000 Hz
GAIN	40 dB
DISTORSION	THD+N: <0.04% (1 kHz)
S/N RATIO	>95 dB
DYNAMIC RANGE	>105 dBA
CROSSTALK	>85 dB
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



+ Info:

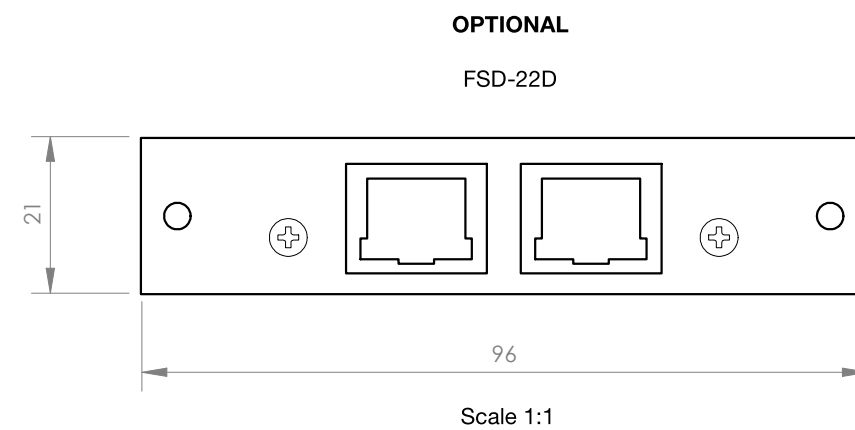
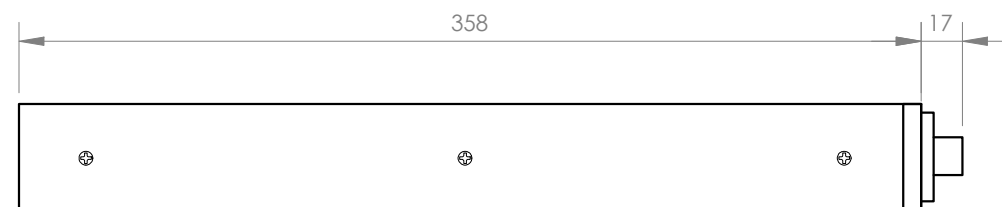
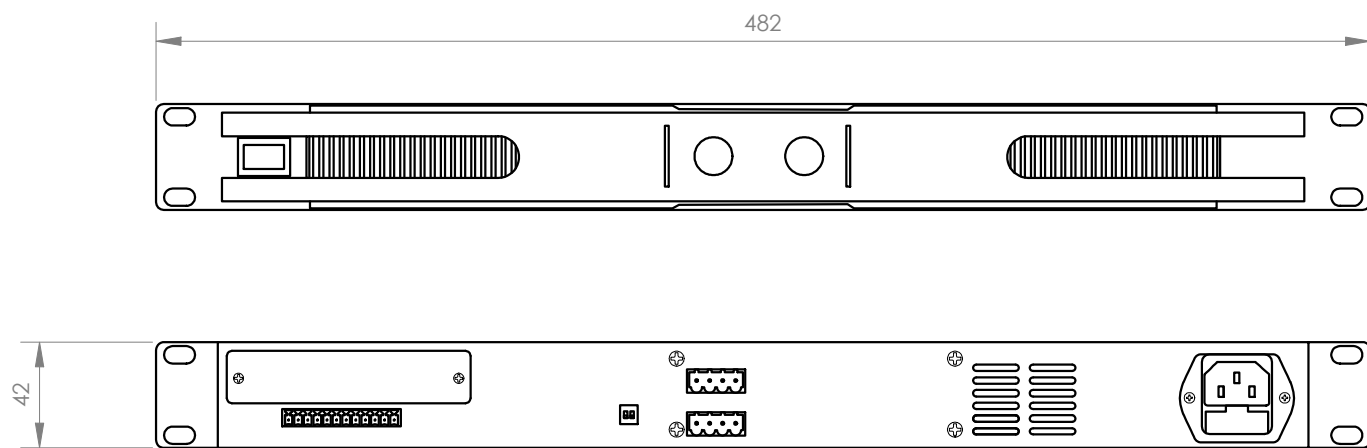
<https://fonestar.com/FSD-2500E>

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 lines, euroblock
TEMPERATURE RANGE	Operation: 0°C ~ 50°C
POWER SUPPLY	230 V AC, 1,200 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	5.15 kg
OPTIONAL	FSD-22D: DANTE expansion module
ACCESSORIES	Anti-slip adhesive pads



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FONESTAR	Model	Description	Units	Scale
	FSD-2150E+FSD-2500E	DANTE MULTI-CHANNEL POWER STAGE	mm	1:3