PUBLIC ADDRESS / POWER AMPLIFIERS / 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

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

ESPECIALLY RECOMMENDED IN:



Factories | Hotels | Transport Stations | All sectors

## DESCRIPTION

DANTE 2 x 400 W RMS multi-channel power stage. 1 x 480 W RMS possibility. 70 and 100 V outputs.

## TECHNICAL CHARACTERISTICS

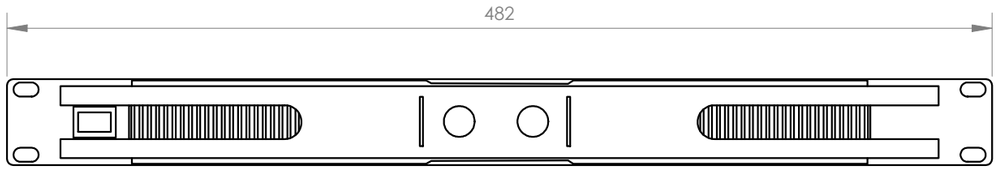
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|---|---|
| FEATURES | 2-channel PA power amplifier.<br>100 V or 70 V output for PA installations.<br>Highly efficient and reliable class D amplifier thanks to low-maintenance protection circuits<br>Safe and easily connectable euroblock connectors.<br>Excellent sound quality and little noise. |
| POWER | 2 x 1600 W Peak (2 channels), 1 x 1920 W Peak (1 channel)<br>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)<br>1 emergency/test, euroblock, 1 V RMS (0 dBV) |
| OUTPUTS | 100 V and 70 V speaker output, euroblock<br>1 GPIO fault indicator output, 5 V DC, euroblock |
| FUNCTIONS | Integrated limiter<br>Forced ventilation with variable speed according to temperature<br>LED power, protection, priority and signal peak indicators<br>Emergency/test input priority via contact closure, euroblock<br>Disabling/mute via contact closure, euroblock |
| PROTECTION | Overload, short circuit, open circuit, temperature, ultrasound and radio frequency |

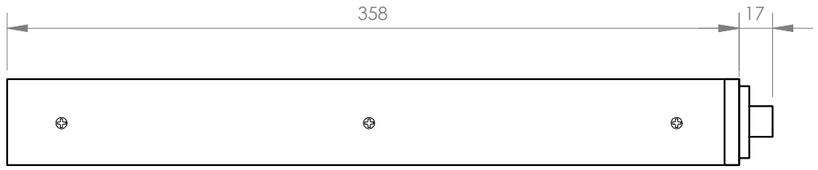


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|---|---|
| CONTROLS | Volume for each channel<br>100/70 V switch on rear panel |
| TEMPERATURE RANGE | Operation: 0ºC ~ 50ºC |
| POWER SUPPLY | 220 - 240 V AC, 50 / 60 Hz<br>110 - 120 V AC, 50 / 60 Hz available on request<br>Power consumption: 950 W<br>AC fuse: 230 V 8 A / 115 V 12 A |
| INSTALLATION | Type Modular rack rack 19" 1 |
| DIMENSIONS | 483 x 44 x 380 mm depth. 1 rack 19" |
| WEIGHT | 5.15 kg |
| OPTIONAL | FSD-22D: DANTE expansion module |
| ACCESSORIES | Anti-slip adhesive pads |

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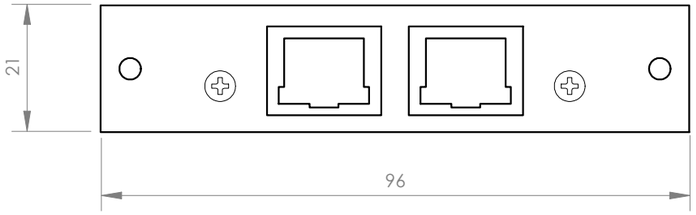







**OPTIONAL**

FSD-22D




Scale 1:1

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