8-Channel Processed Digital Network Amplifier

MAIN APPLICATIONS

Permanent installations in:

- Small Theatres, Auditoriums, Conference Rooms, Piano Bar, DJ
- Fixed installations in live cubs
- Pubs, Gyms

MAIN FEATURES

- 8 x 1000W on 4Ohm Load
- 8 x 900W on 70V line
- 4 x 2000W (BTL mode) on 100V line
- 140Vp (SE) and 280Vp (BTL) maximum voltage output
- 2U rack mount chassis
- Multi-channel power amp with direct drive both high-impedance (70V/100V line) or low-impedance (4/8/16Ohm)
- Single ended, Bridge and Parallel mode operation
- Full asymmetric loading allows power to be distributed per channel as needs dictate
- Network interface TCP / IP - AES70 compatible combine with INFINITO software suite for PC allows control and monitoring of multiple amplifiers
- EtherCon RJ45 input and output for daisy-chain
- OLED DISPLAY and ENCODER with PUSH for easy onboard control
- 4 channels DANTE audio streaming receiver with 24bit at 48-96KHz on TCP / IP network
- Switch mode power supply with universal voltage and power factor correction (PFC) – Efficiently manages the current drawn from the AC mains, ensuring harmonic control and decreasing the amount of current draw while allowing the amplifier to drive loudspeakers to maximum output longer without power fluctuation. PFC provides superior transient response and functions at peak burst power much longer than conventional Class-D amplifier designs to satisfy the requirements of even the most demanding program material.
- Auto-Standby/Auto-Wake function – When enabled, this function automatically enters/exits Standby Mode, allowing the system to consume less power.
- Complete set of powerful, intelligent protection features for more reliable operation.
- 8 channel GPIO software configurable as Input or Output for easy interface with external device
- Screw Euroblock input / output connectors

DESCRIPTION

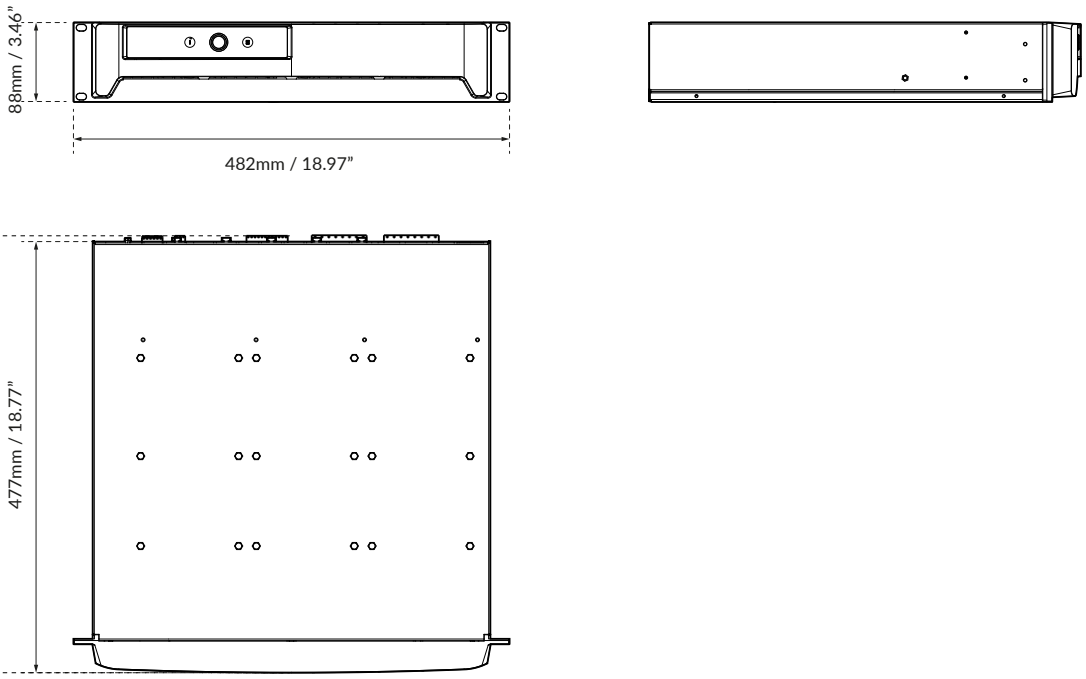
The MIURA 8008I is a high-power multi-channel amplifier designed for demanding professional audio environments, where maximum output, flexibility, and reliability are essential. It delivers 8×1000 W on a 4Ohm load, 8×900 W on a 70V line, and 4×2000 W (BTL mode) on a 100V line, offering exceptional versatility for both low-impedance and high-impedance configurations. The maximum voltage output is 140Vp (SE) and 280Vp (BTL). Housed in a robust 2U rack-mount chassis, the MIURA 8008I delivers high performance in a compact form factor suitable for both fixed installations and touring setups. This multi-channel power amplifier supports Single Ended, Bridge, and Parallel mode operation, and features full asymmetric loading, which allows power to be distributed per channel as needs dictate. It provides direct drive for both high-impedance (70/100V line) and low-impedance (4/8/16Ohm) loads, ensuring maximum efficiency and sound quality. The MIURA 8008I integrates a TCP/IP network interface – AES70 compatible, combined with the INFINITO software suite for PC, allowing control and monitoring of multiple amplifiers. EtherCon RJ45 input and output connectors allow daisy-chaining for easy system expansion. It also features a 4-channel DANTE audio streaming receiver with 24-bit resolution at 48–96 kHz over a TCP/IP network.

The front panel is equipped with an OLED display and an encoder with push, offering simple onboard control. The amplifier is powered by a switch mode power supply with universal voltage and power factor correction (PFC), which efficiently manages the current drawn from the AC mains, ensures harmonic control, reduces current draw, and allows the amplifier to drive loudspeakers at maximum output for extended periods without power fluctuation. PFC provides superior transient response and allows operation at peak burst power much longer than conventional Class-D amplifier designs, meeting the requirements of even the most demanding program material. The Auto-Standby/Auto-Wake function, when enabled, automatically enters or exits Standby Mode, reducing power consumption during inactivity. A complete set of powerful, intelligent protection features ensures reliable operation. Additionally, the amplifier includes 8-channel GPIO software configurable as Input or Output for easy interface with external devices and screw-type Euroblock input/output connectors.

TECHNICAL SPECIFICATIONS

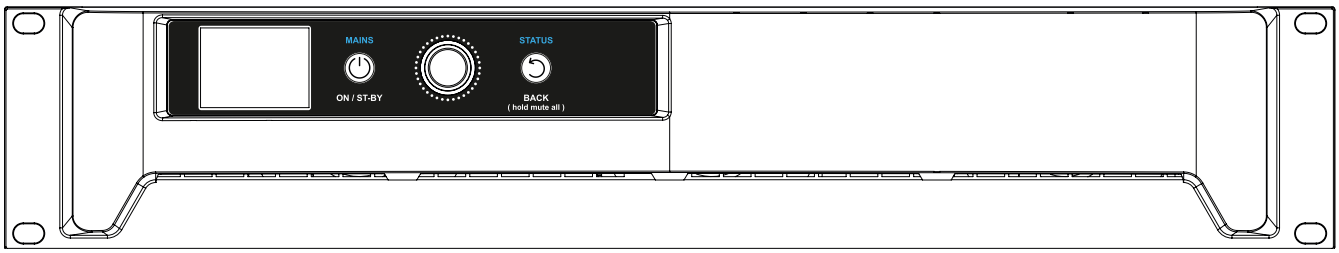
Code		44014
Channels		8 LoZ / 8 HiZ 70V / 4 HiZ 100V
Output power LoZ (4/8/16 Ohm) single channel driven	W - Ohm	1500 - 4
		1200 - 8
		600 - 16
Output power LoZ (4/8/16 Ohm) all channels driven	W - Ohm	8 x 1000 - 4
		8 x 750 - 8
		8 x 600 - 16
Output power HiZ (70/100V)	W / V	8 x 900 / 70 - 4 x 2000 / 100
Max output voltage unloaded	Vp / Vp	140 (LoZ-70V HiZ) / 280 (100V-HiZ)
Amplifier tipology		Class D - PWM modulator with ultra low distortion
S/N ratio	dB	>106 (A-weighted)
THD+N		<0.05% (20Hz - 20KHz, 8Ohm, 3dB below rated pwr)
Frequency response	Hz	20 - 20k (-0.5dB , 3dB below rated power)
Protection		Short Circuit, DC, Undervoltage, Temperature, Overload
Cooling		Variable speed fan
Power supply		Regulated switch mode with Power Factor Correction (PFC) and ST-BY feature
Operating voltage		Universal main voltage 100 - 240 Vac@ 50/60Hz
Power consumption | St-by - Idle - 1/8 PWR	W	1700 | 19 - 50 - 1350
Operating temperature	°C	0 - 40
Net dimensions (WxHxD)	mm	2U Rack Mount | 482 x 88 x 485
	inch	2U Rack Mount | 18.97 x 3.46 x 19.09
Net weight	kg	9
	lb	19.84

DIMENSIONAL DRAWINGS

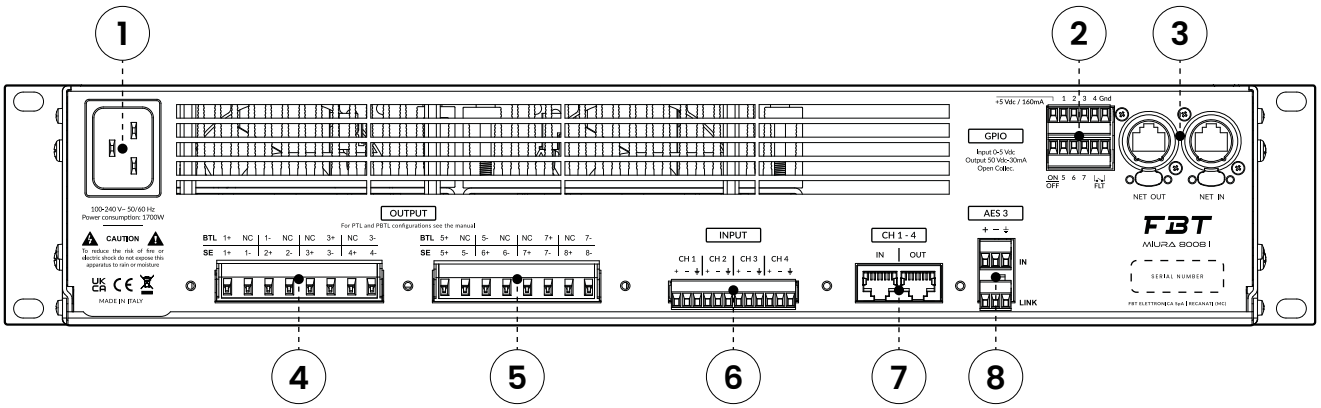


CONTROL PANEL

FRONT PANEL



REAR PANEL



INDICATORS

1. IEC C20 power connector
2. Euroblock for GPIO and fault relay configuration
3. EtherCON ports for network control / Dante
4. Euroblock for amplifier output channels (1–4)
5. Euroblock for amplifier output channels (5–8)
6. Euroblock for balanced analog input channels (1–4)
7. RJ45 output for relaying balanced analog channels (1–4)
8. Euroblock for AES3 digital audio I/O

⚠ ***WARNING | The supplied power cable is rated IEC C20. For use in European Union countries, replace the IEC C20 connector with a C16 connector compliant with local regulations.***