PUBLIC ADDRESS / AMPLIFIERS / MONO

MAX-480Z

PA MULTI-ZONE AMPLIFIER



CLASS D

EMERG / CH1-5 PRIORITY INPUT

5 ZONES (100 V)

RADIO

BLUETOOTH

USB

- Class D amplifier and SMPS switched power supply, 480 W RMS
- 5 x loudspeaker output zones with volume control
- Bluetooth/USB/FM player
- Emergency input and mute for connection to alarm and evacuation systems
- Attenuator priority 24 V and 3rd priority wire

+ Info:
https://fonestar.com/MAX-480Z

ESPECIALLY RECOMMENDED IN:



Factories



Sports facilities



Hospitality



All sectors

DESCRIPTION

MAX-480Z Multi-Zone PA Amplifier: Power and Control for Your Projects

The MAX-480Z is a multi-zone public address amplifier with 480 W RMS power and Class D design, ideal for projects requiring advanced sound control across multiple areas. It features a built-in Bluetooth/USB/FM player and multiple inputs for microphones, emergency systems, and auxiliary sources, making it a versatile and efficient tool for professional installations.

Advanced Performance and Unmatched Versatility

High power and sound clarity: 480 W RMS with a frequency response of 45–22,000 Hz and minimal distortion (THD+N:



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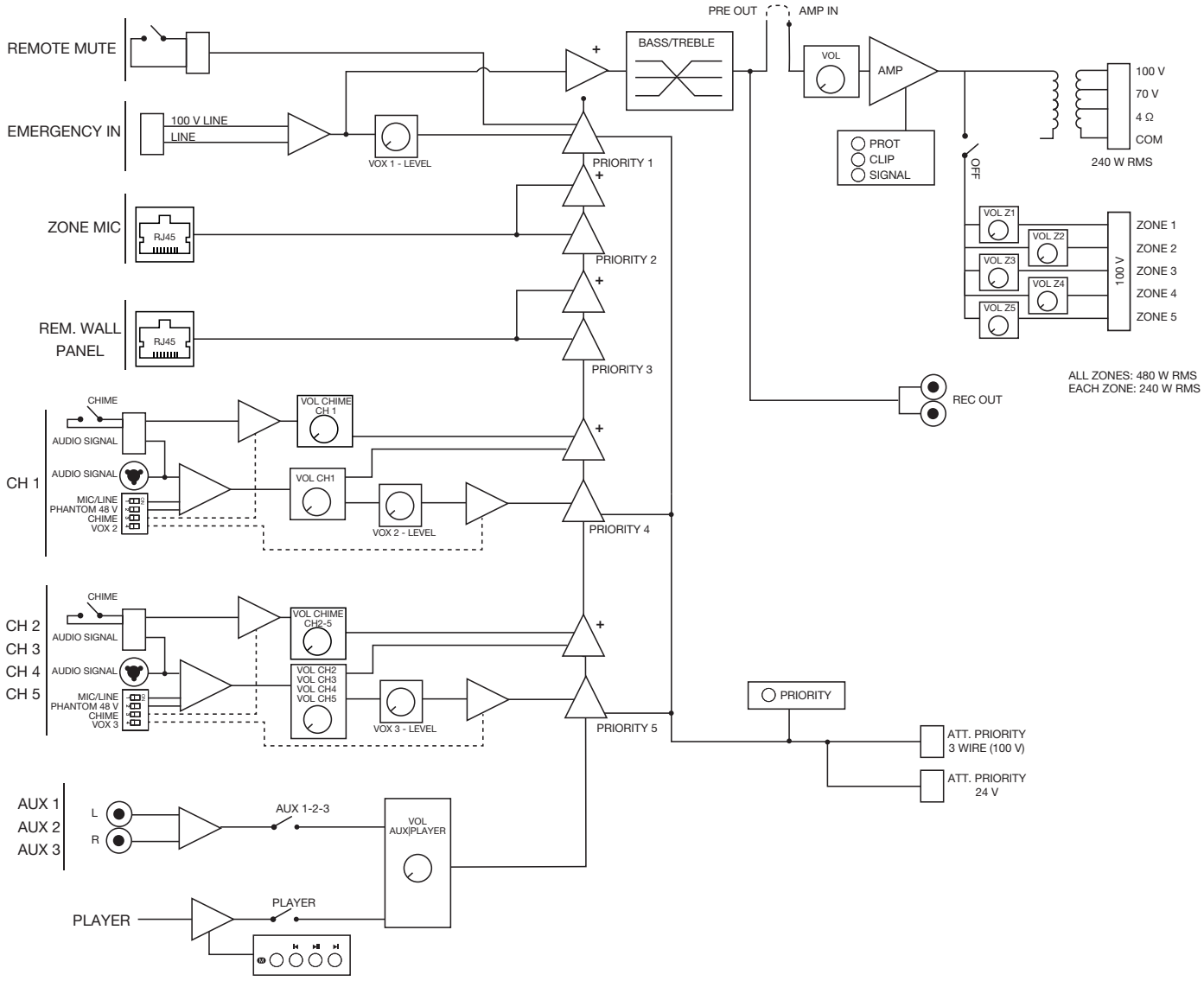
TECHNICAL CHARACTERISTICS

FEATURES	Class D PA amplifier and SMPS switching power supply. Bluetooth/USB/FM player. Zone microphone input ZONEMIC-6. Entrance for remote wall panel. Microphone input with mix, gain and priority level control. Ringtone generator (Chime). 3 auxiliary inputs. Emergency entry and mute for connection to alarm and evacuation systems. Priority of attenuators 24 V. Output of 3º thread (100 V) with priority for attenuators. Tone controls. Outputs of 100 V, 70 V and 4 Ohm. 5 outputs zones with volume control and Off.
POWER	480 W RMS
RESPONSE	45-22,000 Hz (-10 dB)
DISTORTION	THD+N: <0'5% to 1 kHz
S/N RATIO	Mic >75 dB, Line >83 dB, Aux >81 dB
PROTECTIONS	Soft ignition, overcurrent, overload, temperature and short circuit
INPUTS	Zone microphone ZONEMIC-6, RJ45, up to 200 m cable length Remote wall panel, RJ45, 2 x 250 mV RMS (-12 dBV) CH 1, 2, 3, 4 and 5 micro/balanced line with Phantom 48V. Combo (XLR + 6.3 mm) and euroblock. Ringtones for closing contacts Mic signal level: 5'6 mV RMS (-45 dBV) / 600 Ohm Line signal level: 250 mV RMS (-12 dBV) / 100k Ohm 3 x AUX. 2 x RCA connector. Signal level 316 mV RMS (-10 dBV) / 47.000 Ohm 1 x emergency. Euroblock connector. Signal level: Line 326 mV RMS (-10 dBV) or line 100 V Mute (Emergency Priority) by closing contacts. Euroblock connector 1 Amp-in. RCA connector. Signal level 1'2 V RMS (+ 1'5 dBV)
OUTPUTS	1 REC. 2 x RCA connector. Signal level 316 mV RMS (-10 dBV). Pre-master. 1 Pre-out. RCA connector. Signal level 1'2 V RMS (+1'5 dBV) Speaker output of 100 V, 70 V or 4 Ohm, or 5 zones of speakers 100 V with volume selector 7 positions and OFF (maximum 240 W per zone). Euroblock connector 1 priority attenuators, 24 V 100 mA and contact closure. Euroblok connector 1 3rd priority thread for attenuators (100 V)
IMPEDANCE	4 Ohm, line 100 V (20 Ohm) and 70 V (10 Ohm), euroblock

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FUNCTIONS	Priority of entries (in order of attenuation): · 100 emergency input with selectable signal level (VOX) · Mute by closing contacts · Zone microphone ZONEMIC-6 · Remote wall panel · Channel 1 with selectable signal level (VOX) · Channels 2 | 3 | 4 | 5 with shared selectable signal level CH 2-3-4-5 (VOX) · Auxiliary inputs | Player Light ignition ring in volume control, AUX input indicators, zones and player. Light indicators for ignition, signal, clip, priority activation and protection Induction cooling, no fan. Silent and maintenance free
PLAYER	Bluetooth/USB/FM player for ambient music playback 5.3 Bluetooth. Autoplay, starts playback automatically when switched on. Memory of the last selected mode. Playback mode memory (random, repeat).
CONTROLS	Volume of microphones Master volume Selector of auxiliary inputs or player Zones with ignition and 7 volume positions Tone: Bass and treble (+/- 10 dB 100 Hz and 10 Hz) Mic/line/phantom selector, ringtones and priority Ringtone level (chime) Priority Activation Signal Level (VOX)
TEMPERATURE	Operation: -10º ~ 40ºC Storage: -20º ~ 60ºC
MAXIMUM HUMIDITY	90%
POWER SUPPLY	230/115 V AC 50-60 Power consumption: 680 W FUSE AC 230 V 6'3 A / 115 V 12 A
DIMENSIONS	430 x 89 x 320 mm depth. 2 U 19” rack
WEIGHT	11 kg
ACCESSORIES	FM antenna Bluetooth antenna. Power cable Supports for rack
OPTIONAL	ZONEMIC-6: Zone microphone

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Product: MAX-480Z Block Diagram	FONESTAR www.fonestar.es
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