

PA SYSTEM / 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 PA amplifier with 480 W RMS power and Class D design, ideal for projects requiring advanced sound control in 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.

Unrivalled advanced performance and versatility

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



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TECHNICAL CHARACTERISTICS

FEATURES	Class D PA amplifier and SMPS switch-mode power supply. Bluetooth/USB/FM player. ZONEMIC-6 zone microphone input. Input for remote wall panel. Microphone input with mix, gain and priority level control. Ringtone generator (Chime). 3 auxiliary inputs. Emergency input and mute for connection to alarm and evacuation systems. 24 V attenuator priority. 3rd wire output (100 V) with attenuator priority. Tone controls. 100 V, 70 V and 4 Ohm outputs. 5 outputs zones with volume control and Off.
POWER	480 W RMS
RESPONSE	45-22,000 Hz (-10 dB)
DISTORTION	THD+N: <0.5% a 1 kHz
S/N RATIO	Mic >75 dB, Line >83 dB, Aux >81 dB
PROTECTIONS	Soft start, over-current, overload, over-temperature and short circuit
INPUTS	ZONEMIC-6 zone microphone, RJ45, up to 200 m cable length Remote wall panel, RJ45, 250 mV RMS CH 1, 2, 3, 4 and 5 mic/line balanced with 48V phantom. Combo (XLR + 6.3 mm) and euroblock. Contact closure ring tones 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 contact closure. 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 mV RMS (+1.5 dBV) 100 V, 70 V or 4 Ohm speaker output, or 5 zones of 100 V loudspeakers with 7-position volume selector and OFF (max. 240 W per zone). Euroblock connector 1 Attenuator priority, 24 V 100 mA and contact closure. Euroblock connector 1 3rd priority wire for attenuators (100 V)
IMPEDANCE	4 Ohm, 100 V (20 Ohm) and 70 V (10 Ohm) line, euroblock



+ Info:

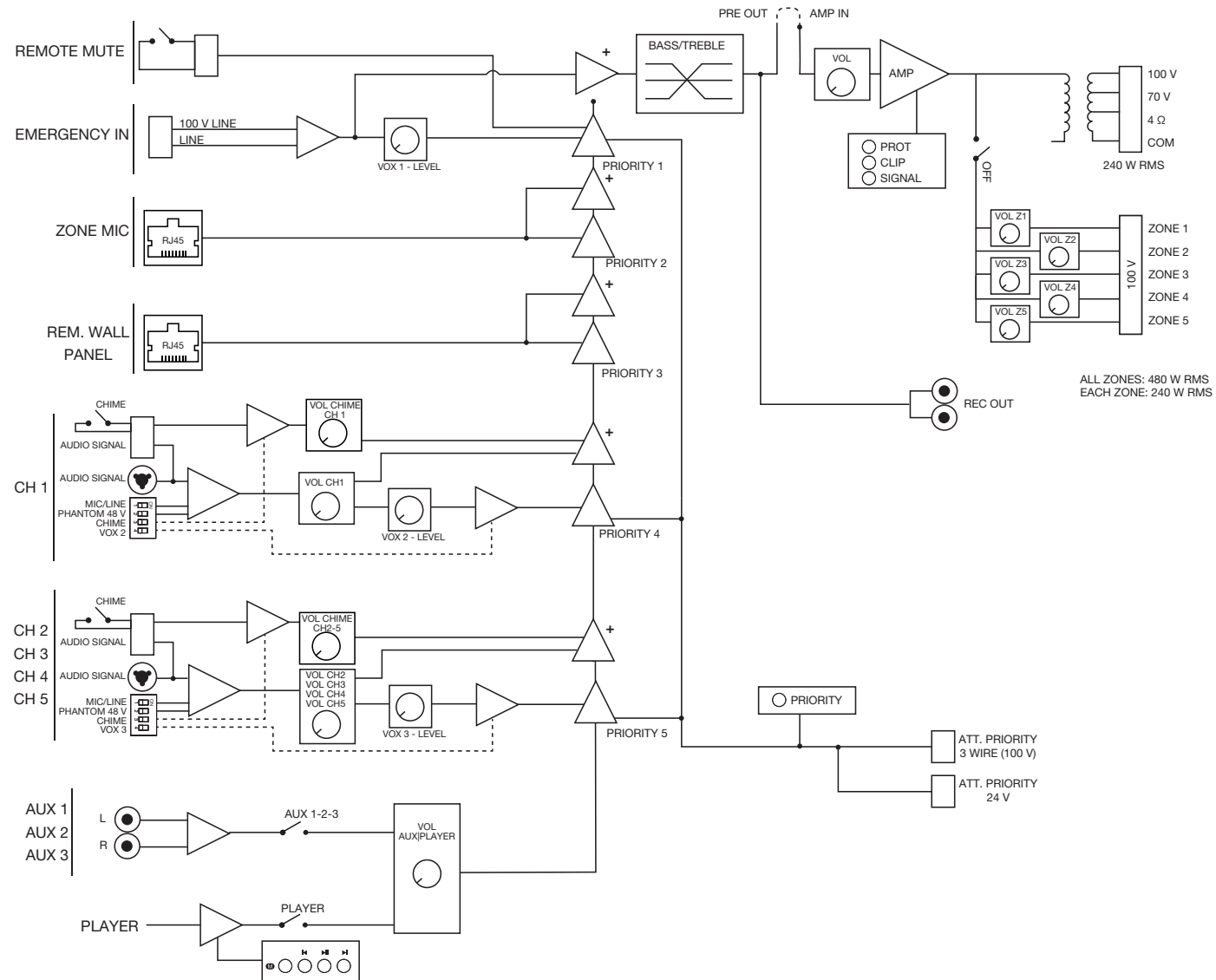
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FUNCTIONS	Priority of inputs (in order of attenuation): · 100V Emergency Input with selectable signal level (VOX) · Mute by contact closure · Zone microphone, ZONEMIC-6 · Remote wall panel · Channel 1 with selectable signal level (VOX) · Channels 2 3 4 5 with shared selectable signal level CH 2-3-4-5 (VOX) · Auxiliary Inputs Player Power ring light on volume control, AUX input, zone and player indicators. Power, signal, clip, priority activation and protection indicator lights Induction cooling, fanless. 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	Microphone volume Master volume Auxiliary input selector or player Zones with power on and 7 volume positions Tone: bass and treble (± 10 dB 100 Hz and 10k Hz). Mic/line/phantom selector, ring tones and priority Ringing tone level (chime) Priority activation signal level (VOX)
TEMPERATURE	Operation: $-10^{\circ} \sim 40^{\circ}\text{C}$ Storage: $-20^{\circ} \sim 60^{\circ}\text{C}$
MAXIMUM HUMIDITY	90%
POWER SUPPLY	230/115 V AC 50-60Hz Power consumption: 680 W AC fuse 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 Rack mounts
OPTIONAL	ZONEMIC-6: Paging microphone



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Product:
MAX-480Z Block Diagram

Date: 2025-01-09

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