

MEGAFONÍA / AMPLIFICADORES / MONO

MAX-480Z

PA MULTI-ZONE AMPLIFIER



CLASS D



EMERGENCY / 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	<p>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.</p>
POWER	480 W RMS
RESPONSE	45-22,000 Hz (-10 dB)
DISTORTION	THD+N: <0.5% @ 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	<p>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)</p>
OUTPUTS	<p>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)</p>
IMPEDANCE	4 Ohm, 100 V (20 Ohm) and 70 V (10 Ohm) line, euroblock



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<p>FUNCTIONS</p>	<p>Priority of inputs (in order of attenuation):</p> <ul style="list-style-type: none"> · 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 <p>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</p>
<p>PLAYER</p>	<p>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).</p>
<p>CONTROLS</p>	<p>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)</p>
<p>TEMPERATURE</p>	<p>Operation: -10° ~ 40°C Storage: -20° ~ 60°C</p>
<p>MAXIMUM HUMIDITY</p>	<p>90%</p>
<p>POWER SUPPLY</p>	<p>230/115 V AC 50-60Hz Power consumption: 680 W AC fuse 230 V 6.3 A / 115 V 12 A</p>
<p>DIMENSIONS</p>	<p>430 x 89 x 320 mm depth. 2 U 19" rack</p>
<p>WEIGHT</p>	<p>11 kg</p>
<p>ACCESSORIES</p>	<p>FM antenna Bluetooth antenna. Power cable Rack mounts</p>
<p>OPTIONAL</p>	<p>ZONEMIC-6: Paging microphone</p>



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