PUBLIC ADDRESS / AMPLIFIERS / MONO

MAX-360Z

PA MULTI-ZONE AMPLIFIER







CLASS D | EMERG / CH1-5 PRIORITY INPUT | 5 ZONES (100 V) | RADIO | USB

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

+ Info:
https://fonestar.com/MAX-360Z

ESPECIALLY RECOMMENDED IN:



Factories | Sports facilities | Hospitality | All sectors

DESCRIPTION

360 W RMS multi-zone amplifier. 5 speaker zones.

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	360 W RMS
RESPONSE	45-22,000 Hz (-10 dB)
DISTORTION	THD+N: <0.5% at 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	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)



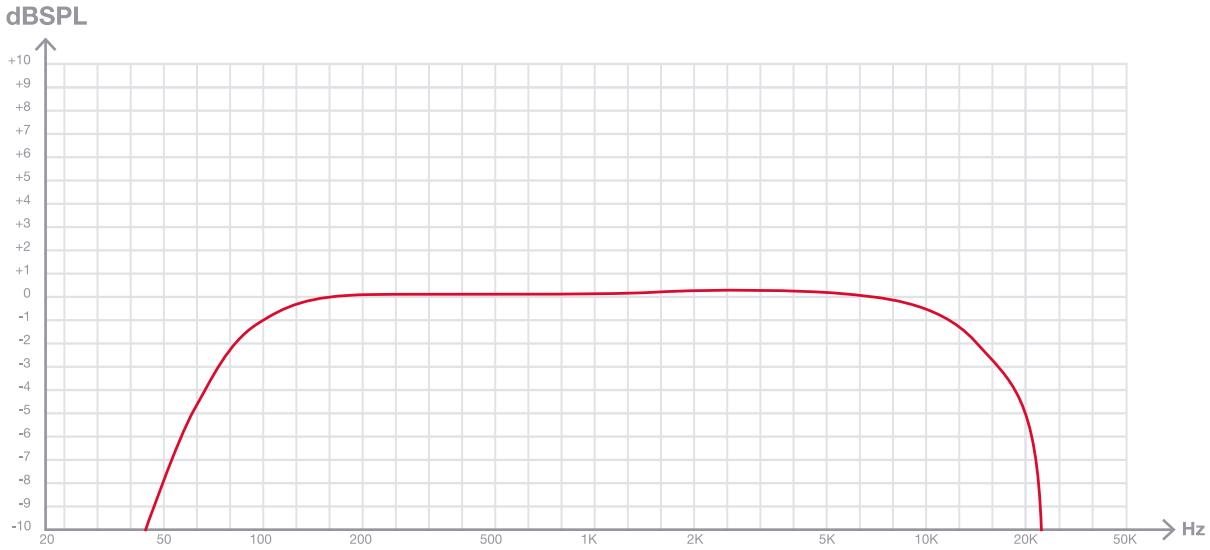
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OUTPUTS	1 REC. 2 x RCA connector. Signal level 316 mV RMS (-10 dBV). Pre-master. 1 Pre-out. RCA connector. Signal level 1.2 V RMS (+1.5 dBV) 100 V, 70 V or 4 Ohm speaker output, or 5 zones of 100 V loudspeakers with 7-position volume selector and OFF (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 (27 Ohm) and 70 V (13 Ohm) line, euroblock
FUNCTIONS	Priority of entries (in order of attenuation): · 100V Emergency Input with selectable signal level (VOX) · Mute by closing contacts · ZONEMIC-6 zone microphone · Remote wall panel · Microphone 1 with selectable signal level (VOX) · Channels 2 | 3 | 4 | 5 with selectable signal level shared CH 2-3-4-5 (VOX) · Auxiliary Inputs | Player Light ignition ring in volume control, AUX input indicators, zones and player. Indicator lights for power, signal, clip, priority activation and protection 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° ~ 40°C Storage: -20° ~ 60°C
MAXIMUM HUMIDITY	90%
POWER SUPPLY	230/115 V AC 50-60Hz Power consumption: 600 W AC fuse 230 V 5 A / 115 V 10 A
DIMENSIONS	430 x 89 x 320 mm depth. 2 U 19" rack
WEIGHT	9.8 kg
INCLUDES	FM antenna Bluetooth antenna. Power cable Rack mounts
OPTIONAL	ZONEMIC-6: Zone microphone



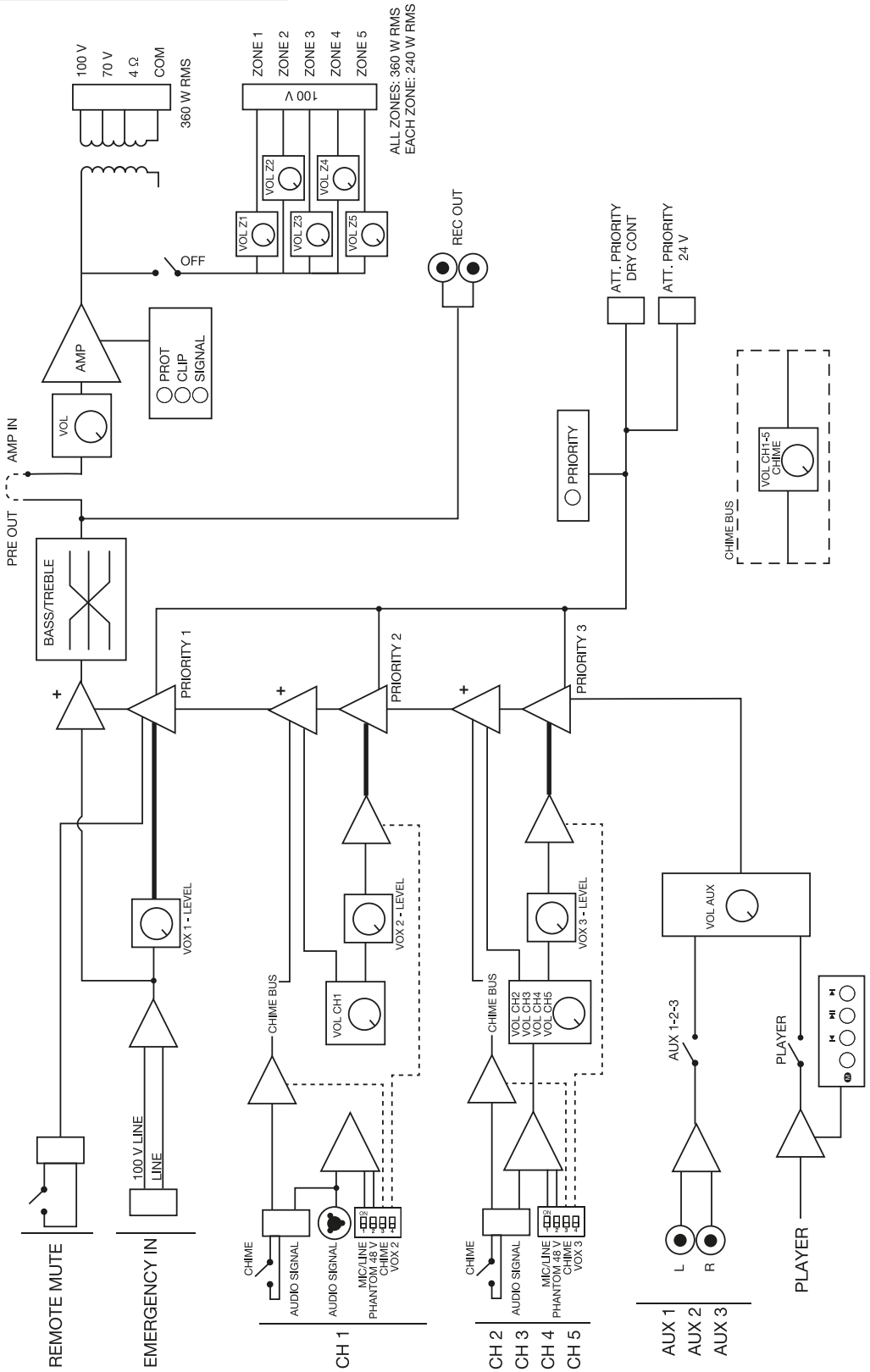
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SPL vs Frequency

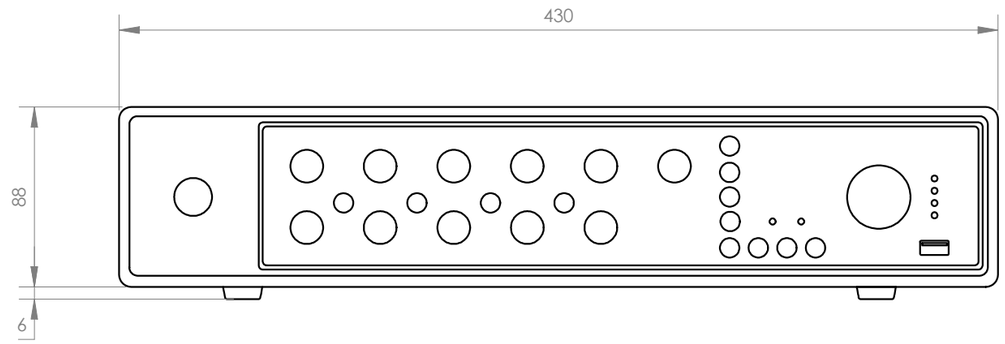


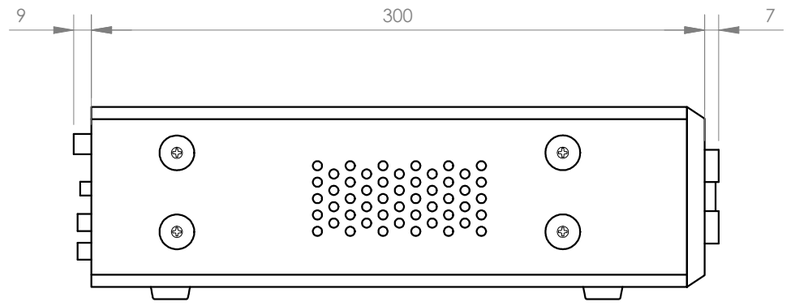
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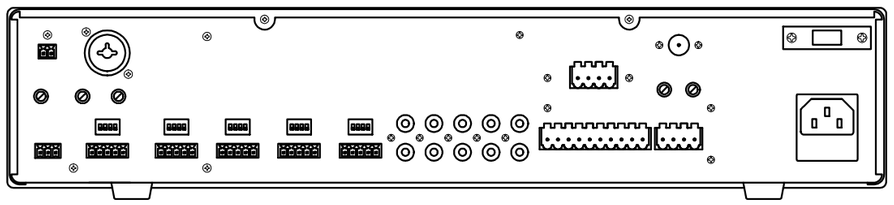
Block diagram



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FONESTAR	Model	Description	Units	Scale
	MAX-360Z	PA MULTI-ZONE AMPLIFIER	mm	1:3