PUBLIC ADDRESS / AMPLIFIERS / MONO

PROX-120Z

PA MULTI-ZONE AMPLIFIER







EMERG / CH1-3 PRIORITY INPUT | 3 ZONES (100 V) | RADIO | BLUETOOTH | USB | 120 W RMS@4 Ω 120 W RMS@100 V

- Output zones with volume control and Off.
- Bluetooth/USB/FM player
- Great performance, low maintenance

+ Info:
https://fonestar.com/PROX-120Z

ESPECIALLY RECOMMENDED IN:



Factories



Sports facilities



Education



All sectors

DESCRIPTION

120 W RMS multi-zone amplifier. 3 speaker zones. USB/MP3/FM and Bluetooth® player.

TECHNICAL CHARACTERISTICS

FEATURES	Public address amplifier. Bluetooth/USB/FM player. Microphone input with mix, gain and priority level control. Input priorities by signal level. Tone controls. 100 V and 4 Ohm outputs. 3 outputs zones with volume control and Off.
POWER	120 W RMS
RESPONSE	40-20,000 Hz (-10 dB)
DISTORTION	THD+N: < 1% @ 1 kHz
S/N RATIO	>77 dB
PROTECTIONS	Overcurrent, DC and short-circuit at the output
INPUTS	CH 1 balanced mic/line with 48V Phantom, Combo (XLR + 6.3 mm) and euroblock. CH 2 and 3 mic/line balanced with 48V Phantom. Euroblock connector. Mic signal level: 6 mV RMS (-44 dBV) / 600 Ohm Line signal level: 250 mV RMS (-12 dBV) / 100k Ohm 2 x AUX. 2 x RCA and euroblock connector. Signal level 300 mV RMS (-10 dBV) / 47,000 Ohm 1 x emergency. Euroblock connector. Speaker line signal level 100 V 1 x mute (Emergency Priority) by general purpose NO/NC contacts. Euroblock connector
OUTPUTS	1 x line. 2 x RCA connector. Signal level 1.25 mV RMS (+2 dBV) 100 V or 4 Ohm speaker output, or 3 x 100 V speaker zones with 5-position volume selector and OFF. Connector screw terminals
IMPEDANCE	4 Ohm and 100 V (83Ohm) line



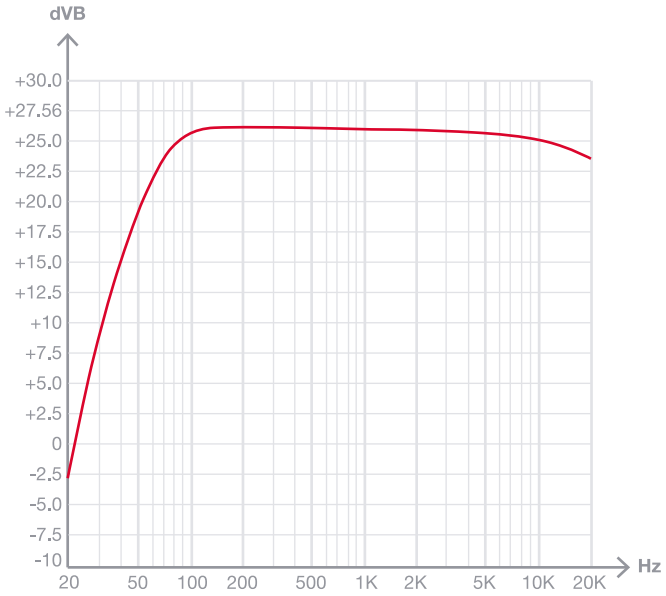
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FUNCTIONS	Priority of inputs (in order of attenuation): ·Emergency Input 100V. · Mute by general purpose NO/NC contacts. · Channel 1 with selectable signal level shared CH 1-2-3 (VOX) · Channels 2 | 3 5 with shared selectable signal level CH 1-2-3 (VOX) · Auxiliary Inputs | Player Indicator lights for power, protection, signal peak, and output signal Temperature-controlled forced ventilation cooling
PLAYER	Bluetooth/USB/FM player for ambient music playback MP3 and WAV files supported Maximum USB memory capacity 64 GB Autoplay, starts playback automatically when switched on Memory of the last selected mode Playback mode memory (random, repeat).
BLUETOOTH	5.3
CONTROLS	Microphone volume Mic/line/phantom switch Master volume Auxiliary input selector or player Zone volume Tone: bass and treble (±10 dB 100 Hz and 10k Hz). Microphone gain Priority activation signal level (VOX)
TEMPERATURE	Operation: 0º ~ 40ºC
MAXIMUM HUMIDITY	95%
POWER SUPPLY	230/115 V AC, 50-60 Hz, 320 W AC fuse 230 V 3.15 A / 115 V 6 A
DIMENSIONS	433 x 89 x 360 mm depth. 2 U 19” rack
WEIGHT	9.6 kg
ACCESSORIES	FM antenna Bluetooth antenna. Power cable Rack mounts

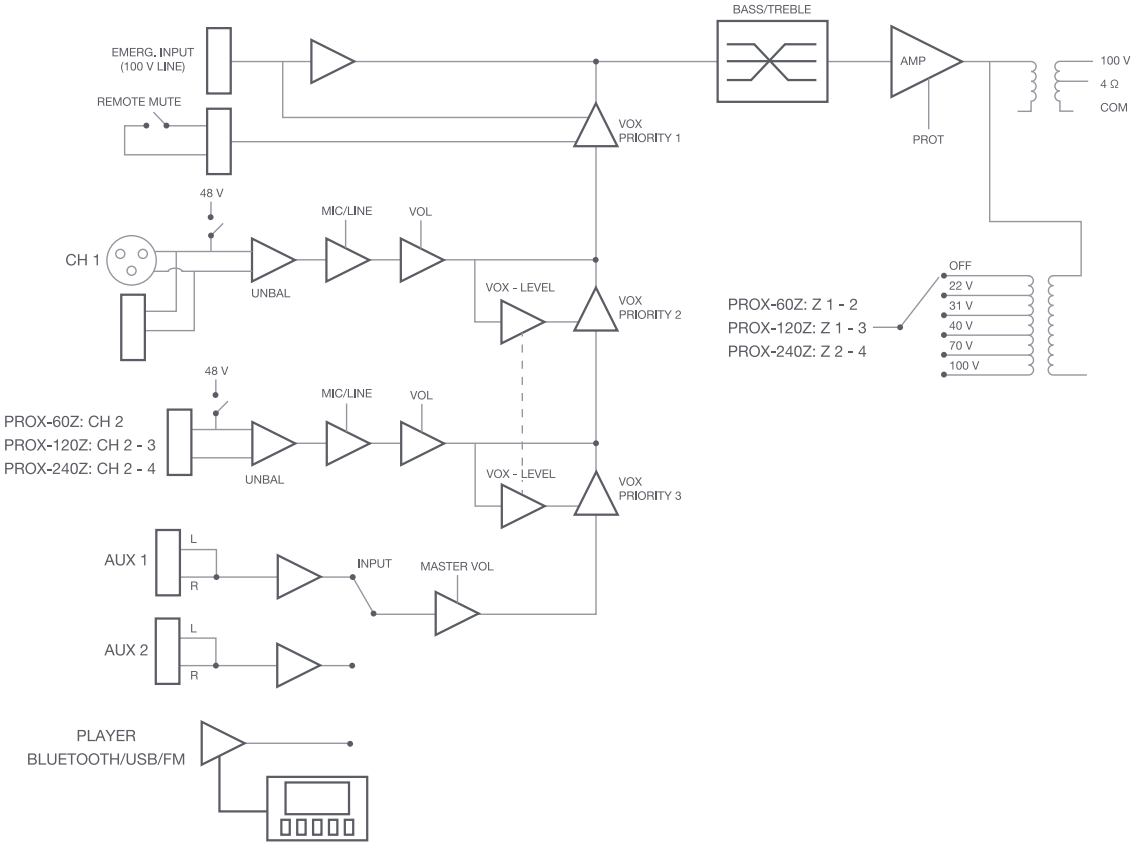


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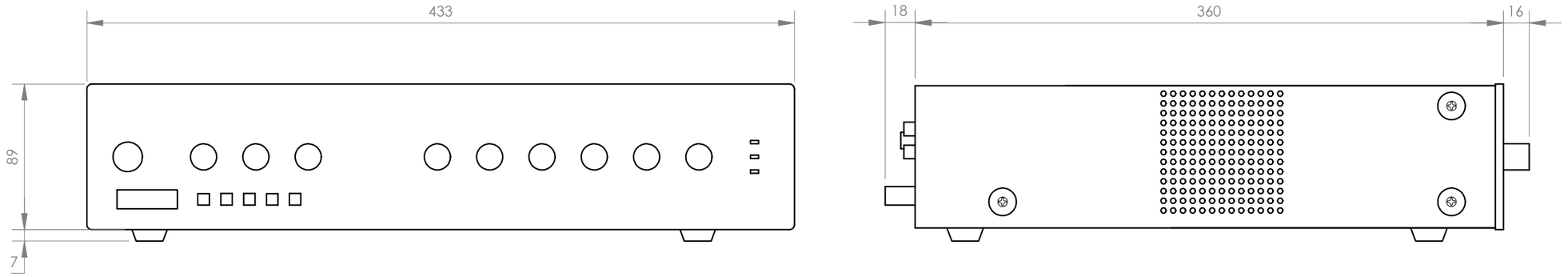
Frequency reponse

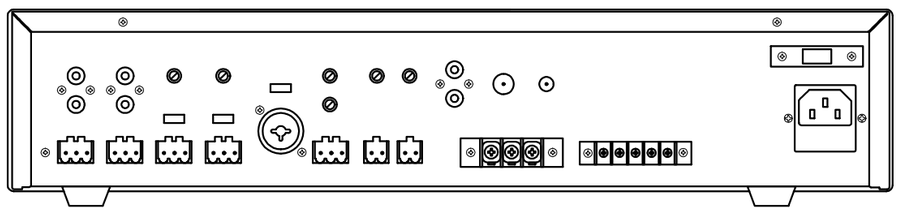


Block diagram



+ Info
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FONESTAR	Model	Description	Units	Scale
	PROX-120Z	PA MULTI-ZONE AMPLIFIER	mm	1:3