PUBLIC ADDRESS / AMPLIFIERS / MONO

PROX-240Z

PA MULTI-ZONE AMPLIFIER







EMERG / CH1-4 PRIORITY INPUT | 4 ZONES (100 V) | RADIO | BLUETOOTH | USB | 240 W RMS@4 Ω 240 W RMS@100 V

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

+ Info:
https://fonestar.com/PROX-240Z

ESPECIALLY RECOMMENDED IN:



Factories | Sports facilities | Education | All sectors

DESCRIPTION

240 W RMS multi-zone amplifier. 4 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. 4 outputs zones with volume control and Off.
POWER	240 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, 3 and 4 balanced mic/line 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 4 x 100 V speaker zones with 5-position volume selector and OFF (max. 120 W RMS per zone). Connector screw terminals
IMPEDANCE	4 Ohm and 100 V (42Ohm) line



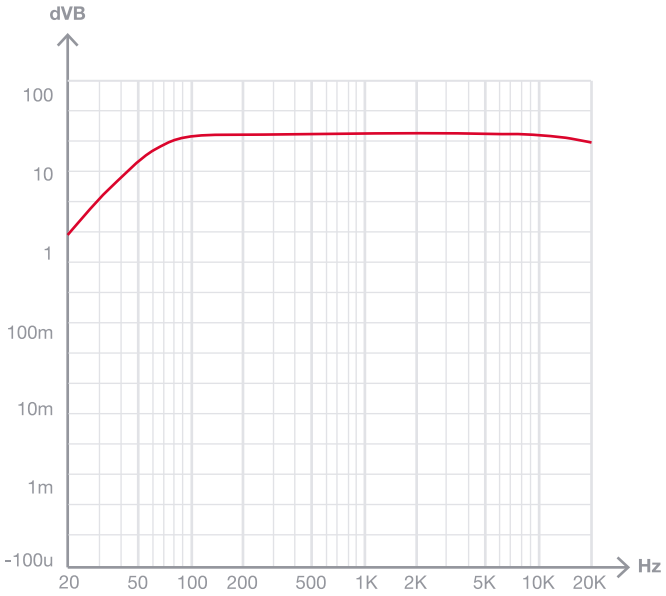
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FUNCTIONS	Priority of inputs (in order of attenuation): ·Emergency Input 100V. · Mute by general purpose NO/NC contacts. · Channel 1 with shared selectable signal level CH 1-2-3-4 (VOX) · Channels 2 | 3 | 4 | with shared selectable signal level CH 1-2-3-4 (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 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, 480 W Fuse AC 230 V 4 A / 115 V 8 A
DIMENSIONS	433 x 89 x 360 mm depth. 2 U 19" rack
WEIGHT	11.5 kg
ACCESSORIES	FM antenna Bluetooth antenna. Power cable Rack mounts

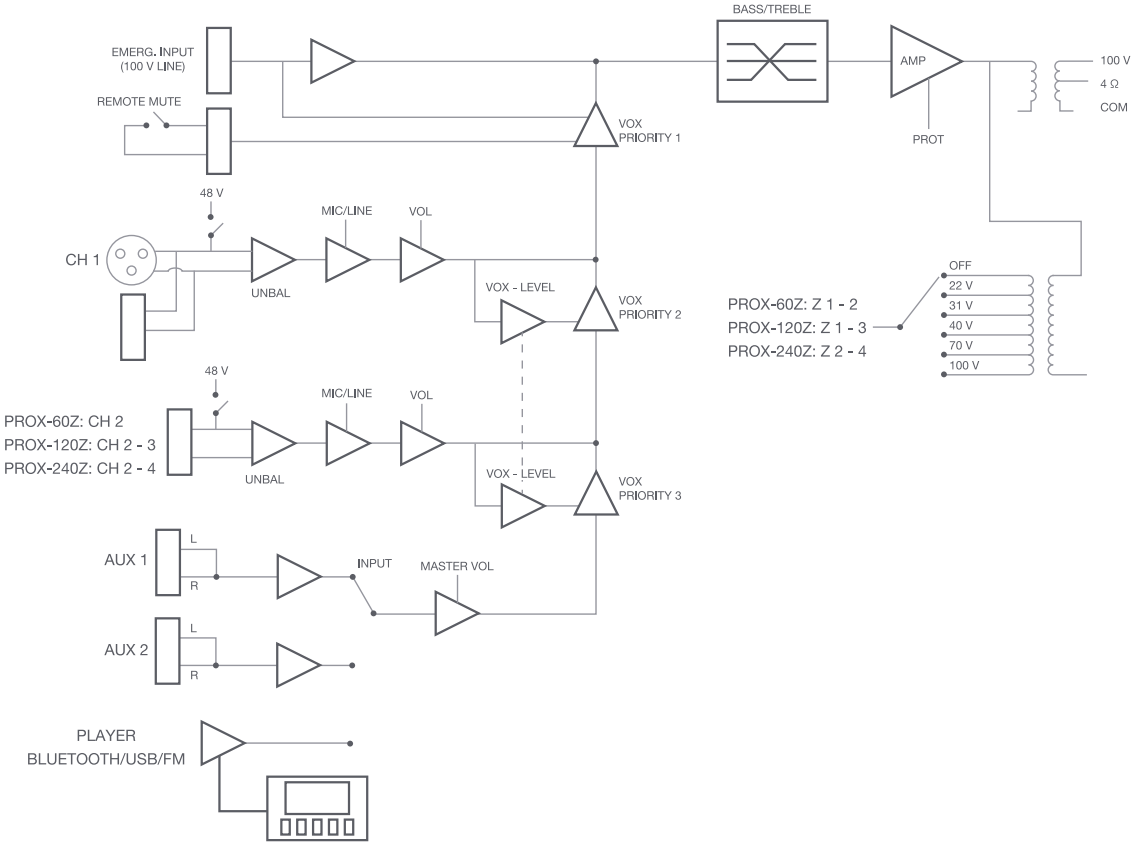


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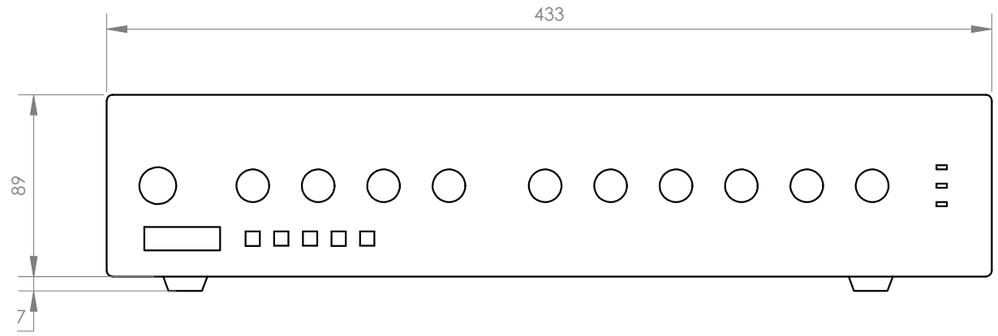
Frequency reponse

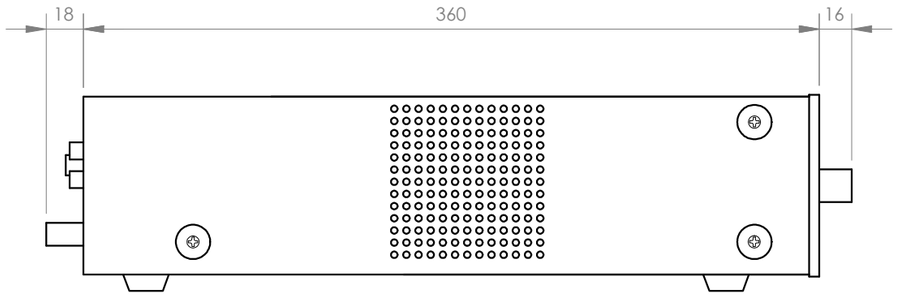


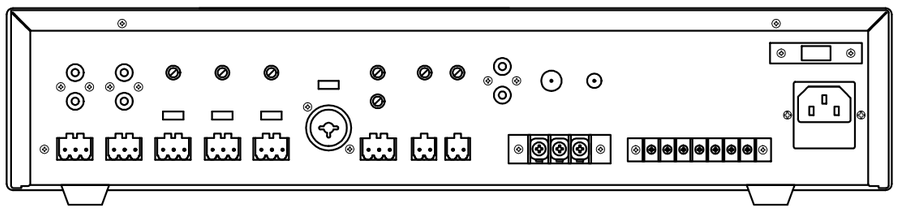
Block diagram



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	Model	Description	Units	Scale
FONESTAR	PROX-240Z	PA MULTI-ZONE AMPLIFIER	mm	1:3