PA SYSTEM / 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 and Off control
- Bluetooth/USB/FM player
- Great performance, low maintenance

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

ESPECIALLY RECOMMENDED IN:



Factories



Sports facilities



Education



All sectors

DESCRIPTION

PA amplifier with Bluetooth®/USB/FM player and speaker zone selector.The best tool for sound coverage of areas.Reliable for long working days. Distributed audio for PA installations with 100 speakers, also with low impedance output. Versatile player for background music. Bluetooth, FM and USB memory player. With auto play function on power on. It has 3 zone outputs with volume control for different music levels per zone.User-friendly operation and a modern, discreet design.A solution that fits any budget. Secure, durable connections with low maintenance. Can be used on the desktop or installed in a rack.Perfect for PA and piped music systems with 100 V or low-impedance line loudspeakers. Commercial premises, educational centres, monuments, exhibitions, bars, restaurants, etc.

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 48 V Phantom, Combo (XLR + 6.3 mm) and euroblock. CH 2 and 3 mic/line balanced with 48 V Phantom. Euroblock connector. Mic signal level: 6 mV RMS (-44 dBV)/600 Ohm Line signal level: 250 mV RMS (-12 dBV)/100 kOhm 2 AUX. 2 x RCA and euroblock connector. Signal level 300 mV RMS (-10 dBV)/47,000 Ohm 1 emergency. Euroblock connector. Signal level loudspeaker line 100 V 1 Mute (Emergency Priority) by contact closure. Euroblock connector
OUTPUTS	1 line. 2 x RCA connector. Signal level 1.25 V RMS (+2 dBV) 100 V or 4 Ohm speaker output, or 3 100 V speaker zones with 5-position volume selector and OFF. Connector screw terminals

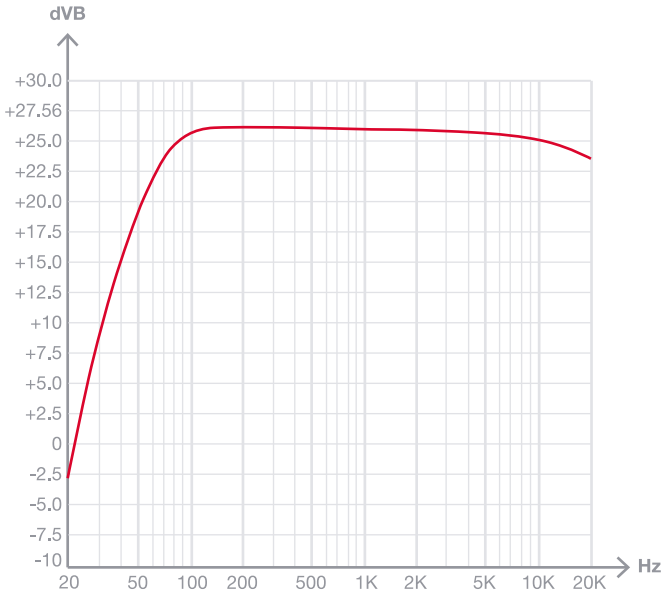


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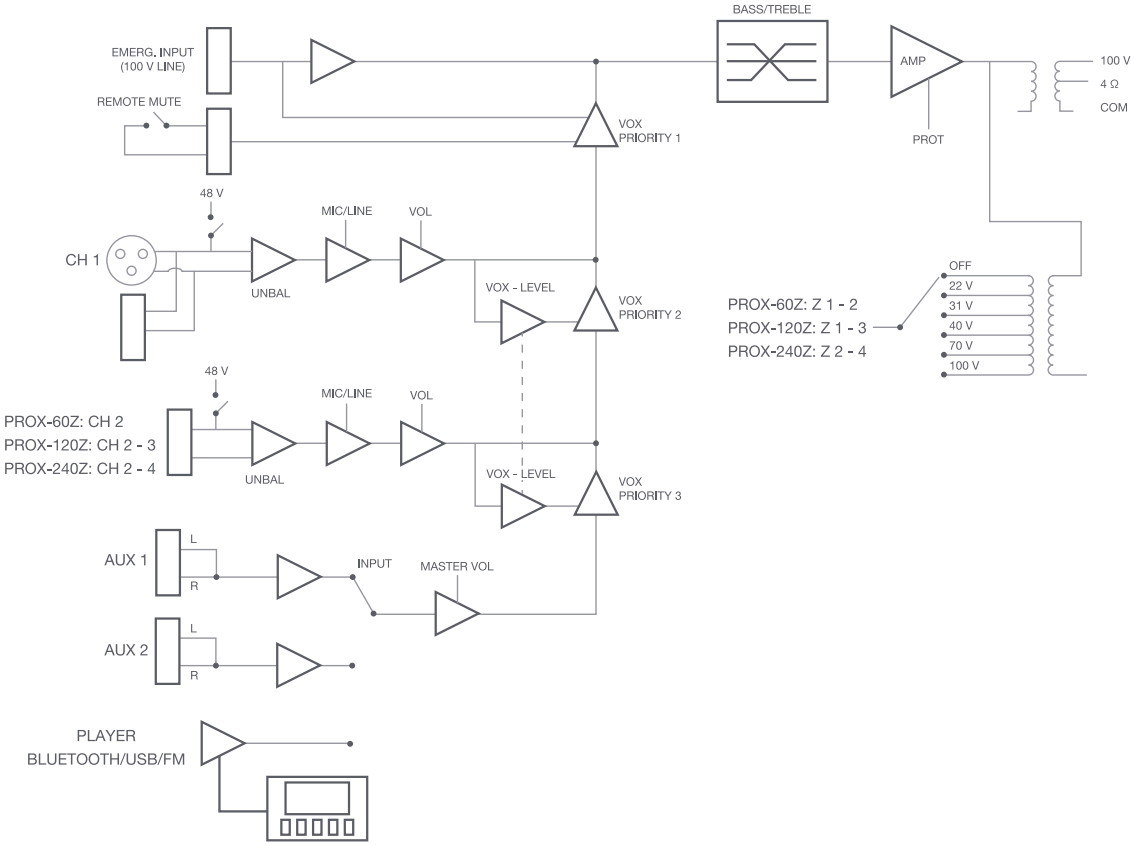
IMPEDANCE	4 Ohm and 100 V (83Ohm) line
FUNCTIONS	Input priority (voice over VOX inputs): 100V Emergency input with highest priority, attenuates all other inputs. Mute by contact closure, attenuates all inputs except the 100V Emergency input. Channel 1 with priority over all other inputs, selectable level. Channel 2 and 3 with priority over auxiliary inputs and player, level selectable. Other functions: Power on, protection, signal peak and output signal indicator lights 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 on power on Memory of last selected mode Memory of playback mode (random, repeat)
CONTROLS	Microphone volume Mic/line/phantom selector Master volume Aux or player input selector 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 Fuse AC 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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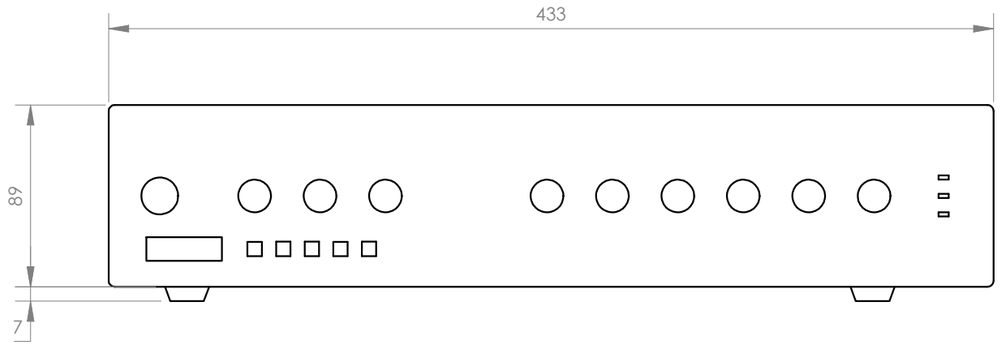
Frequency reponse

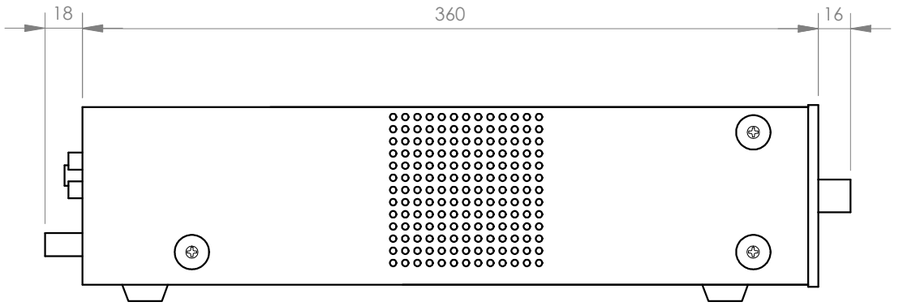


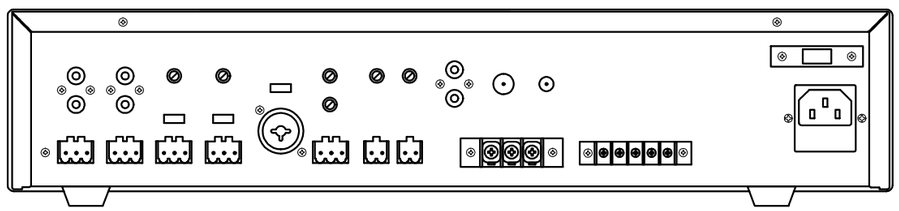
Block diagram



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