

PUBLIC ADDRESS / AMPLIFIERS / MONO

# PROX-120Z

PA MULTI-ZONE AMPLIFIER



- ✓ 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 V loudspeakers, also with low impedance output. Versatile player for background music. Bluetooth, FM and USB memory player. With auto play function on power up. 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 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 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



+ Info:

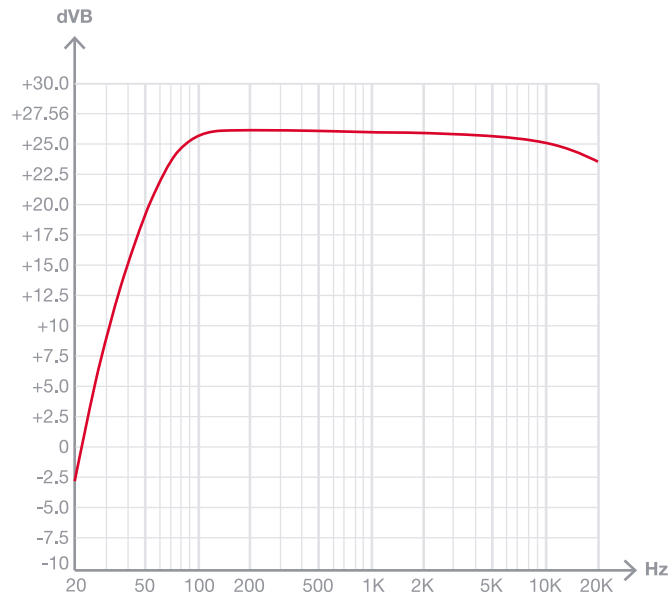
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OUTPUTS	<p>1 line, 2 x RCA connector, 1.25 V RMS (+2 dBV) signal level</p> <p>100 V or 4 Ohm speaker output, or 3 x 100 V speaker zones with 5-position volume selector switch and OFF</p> <p>Connector screw terminals</p>
IMPEDANCE	4 Ohm and 100 V line (83Ohm)
FUNCTIONS	<p>Input priority (voice over VOX inputs):</p> <p>100V Emergency input with highest priority, attenuates all other inputs.</p> <p>Mute by contact closure, attenuates all inputs except the 100 V Emergency input.</p> <p>Channel 1 with priority over all other inputs, level selectable.</p> <p>Channel 2 and 3 with priority over auxiliary inputs and player, level selectable.</p> <p>Other functions:</p> <p>Power on, protection, signal peak and output signal indicator lights</p> <p>Temperature-controlled forced ventilation cooling</p>
PLAYER	<p>Bluetooth/USB/FM player for background music playback</p> <p>MP3 and WAV files supported</p> <p>Maximum USB memory capacity 64 GB</p> <p>Autoplay, starts playback automatically on power on</p> <p>Memory of last selected mode</p> <p>Memory of playback mode (random, repeat)</p>
CONTROLS	<p>Microphone volume</p> <p>Mic/line/phantom selector</p> <p>Master volume</p> <p>Aux input or player selector</p> <p>Zone volume</p> <p>Tone: bass and treble (+/- 10 dB 100 Hz and 10k Hz)</p> <p>Microphone gain</p> <p>Priority activation signal level (VOX)</p>
OPERATING TEMPERATURE	Operation: 0° ~ 40°C
MAXIMUM HUMIDITY	95%
POWER SUPPLY	<p>230/115 V AC 50-60 Hz, 320 W</p> <p>Fuse AC 230 V 3.15 A / 115 V 6 A</p>
DIMENSIONS	433 x 89 x 360 mm depth. 2 U 19" rack
WEIGHT	9'6 kg
ACCESSORIES	<p>FM Antenna</p> <p>Bluetooth antenna</p> <p>Power cable</p> <p>Rack mounts</p>

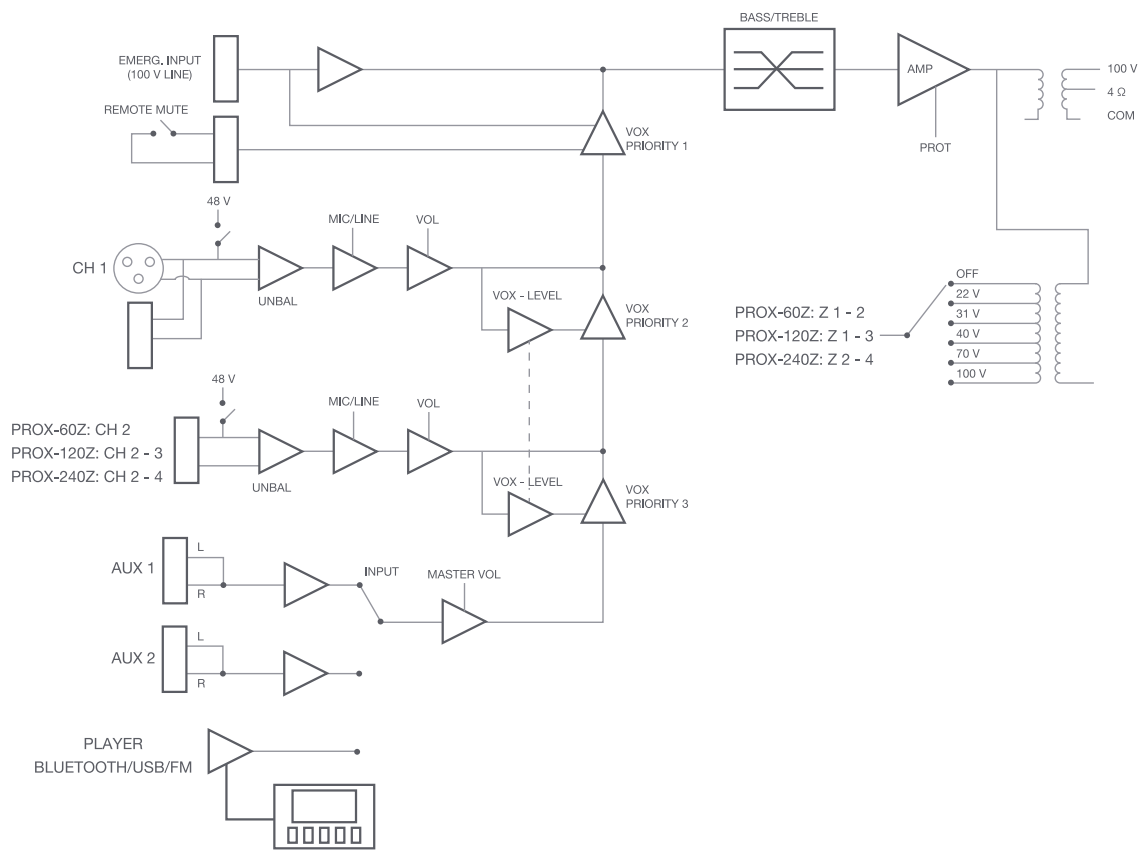


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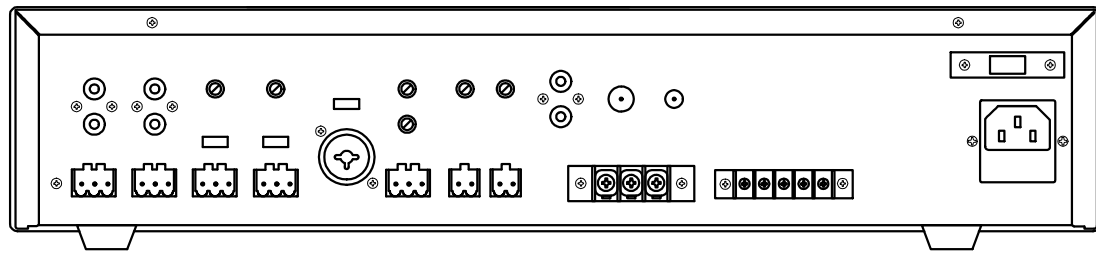
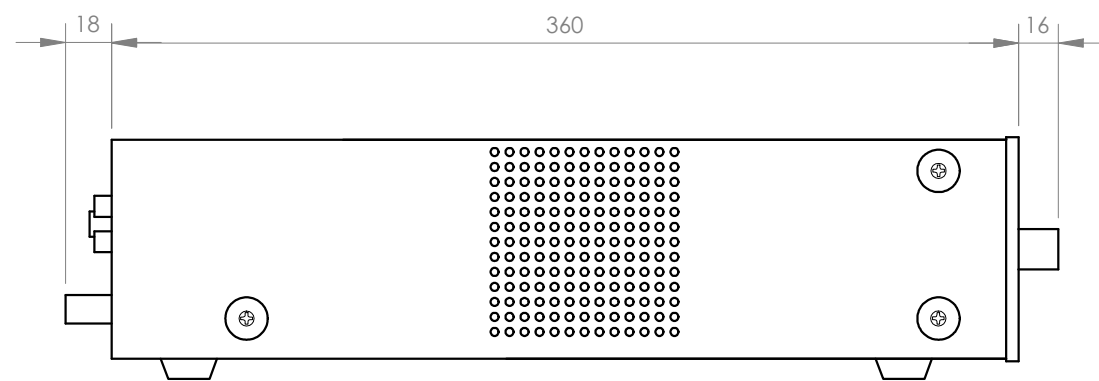
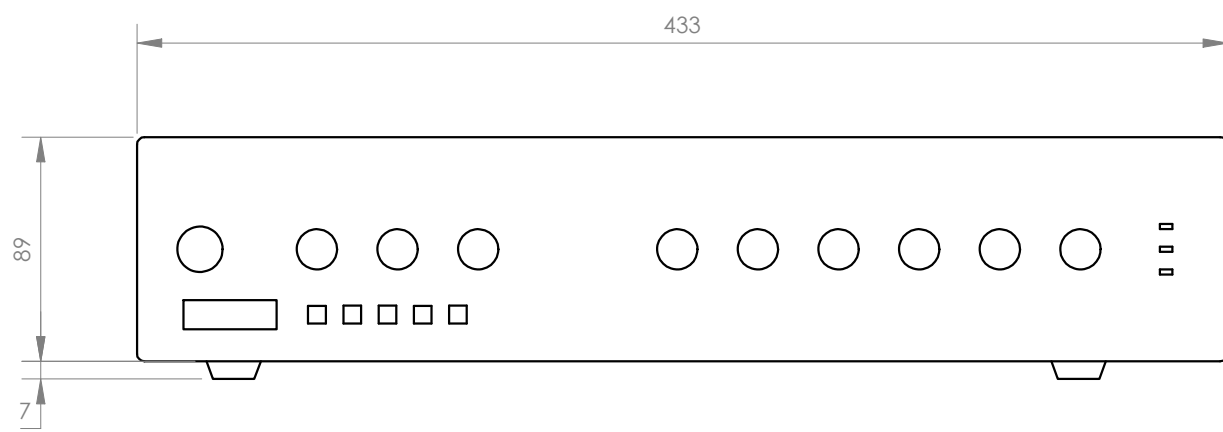
## Frequency response



## Block diagram



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