

# PROX-120Z

PA MULTI-ZONE AMPLIFIER



## 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



Expand product information on:  
<https://fonestar.com/es/PROX-120Z>

<p>FEATURES</p>	<p>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.</p>
<p>POWER</p>	<p>120 W RMS</p>
<p>RESPONSE</p>	<p>40-20,000 Hz (-10 dB)</p>
<p>DISTORTION</p>	<p>THD+N: &lt; 1% @ 1 kHz</p>
<p>S/N RATIO</p>	<p>&gt;77 dB</p>
<p>PROTECTIONS</p>	<p>Overcurrent, DC and short-circuit at the output</p>
<p>INPUTS</p>	<p>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</p>
<p>OUTPUTS</p>	<p>1 line, 2 x RCA connector, 1.25 V RMS (+2 dBV) signal level 100 V or 4 Ohm speaker output, or 3 x 100 V speaker zones with 5-position volume selector switch and OFF Connector screw terminals</p>
<p>IMPEDANCE</p>	<p>4 Ohm and 100 V line (83Ohm)</p>



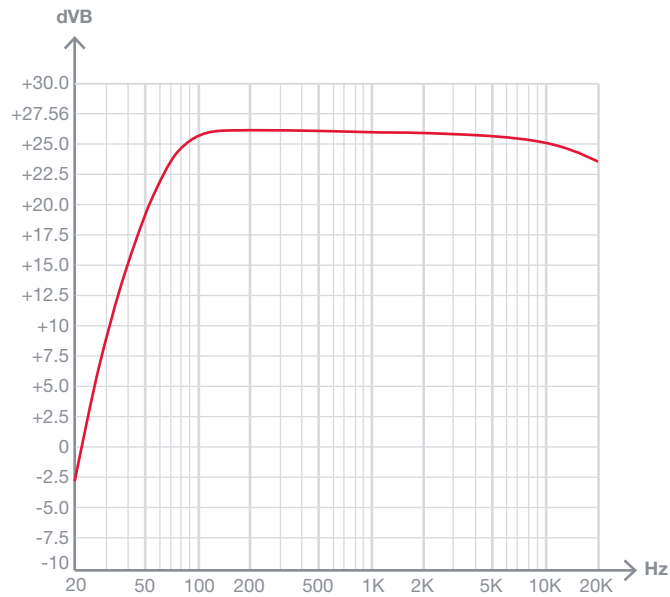
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<p>FUNCTIONS</p>	<p>Input priority (voice over VOX inputs):            100V Emergency input with highest priority, attenuates all other inputs.            Mute by contact closure, attenuates all inputs except the 100 V Emergency input.            Channel 1 with priority over all other inputs, level selectable.            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</p>
<p>PLAYER</p>	<p>Bluetooth/USB/FM player for background 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            Play mode memory (random, repeat)</p>
<p>CONTROLS</p>	<p>Microphone volume            Mic/line/phantom selector            Master volume            Aux input or player selector            Zone volume            Tone: bass and treble (+/- 10 dB 100 Hz and 10k Hz)            Microphone gain            Priority activation signal level (VOX)</p>
<p>OPERATING TEMPERATURE</p>	<p>Operation: 0° ~ 40°C</p>
<p>MAXIMUM HUMIDITY</p>	<p>95%</p>
<p>POWER SUPPLY</p>	<p>230/115 V AC 50-60 Hz, 320 W            Fuse AC 230 V 3.15 A / 115 V 6 A</p>
<p>DIMENSIONS</p>	<p>433 x 89 x 360 mm depth. 2 U 19" rack</p>
<p>WEIGHT</p>	<p>9'6 kg</p>
<p>ACCESSORIES</p>	<p>FM Antenna            Bluetooth antenna            Power cable            Rack mounts</p>

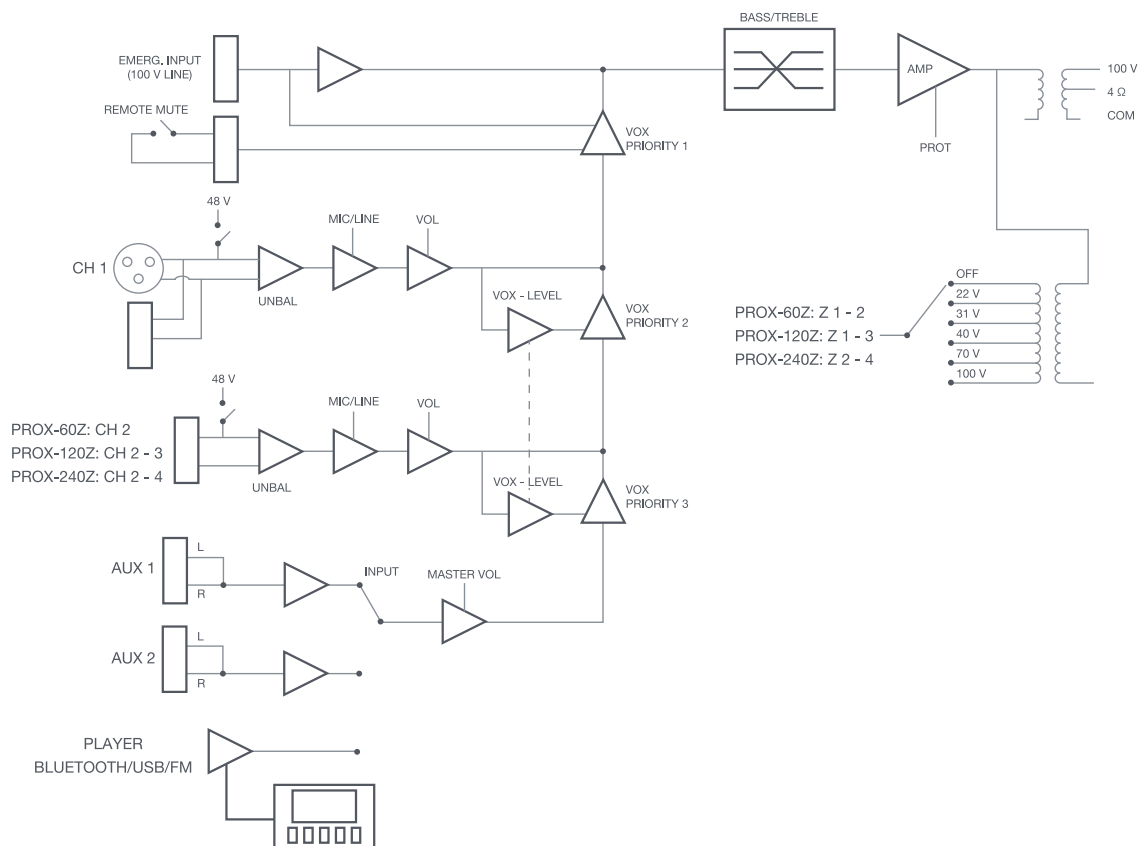


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## Frequency response



## Block diagram



Amplia la información de los productos en:  
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