

# PROX-240Z

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 4 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.
- 4 outputs zones with volume control and Off.



Expand product information on:  
<https://fonestar.com/es/PROX-240Z>

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	<p>CH 1 balanced mic/line with 48V Phantom, Combo (XLR + 6.3 mm) and euroblock.</p> <p>CH 2, 3 and 4 balanced mic/line with 48V Phantom. Euroblock connector.</p> <p>Mic signal level: 6 mV RMS (-44 dBV) / 600 Ohm</p> <p>Line signal level: 250 mV RMS (-12 dBV) / 100k Ohm</p> <p>2 AUX. 2 x RCA and euroblock connector. Signal level 300 mV RMS (-10 dBV) / 47,000 Ohm</p> <p>1 emergency. Euroblock connector. Signal level loudspeaker line 100 V</p> <p>1 Mute (Emergency Priority) by contact closure. Euroblock connector</p>
OUTPUTS	<p>1 line, 2 x RCA connectors, 1.25 V RMS (+2 dBV) signal level</p> <p>100 V or 4 Ohm speaker output, or 4 100 V speaker zones with 5-position volume selector and OFF (max. 120 W RMS per zone). Connector screw terminals</p>
IMPEDANCE	4 Ohm and 100 V line (420hm)
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 100V Emergency input.</p> <p>Channel 1 with priority over all other inputs, level selectable.</p> <p>Channel 2, 3 and 4 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>Play mode memory (random, repeat)</p>



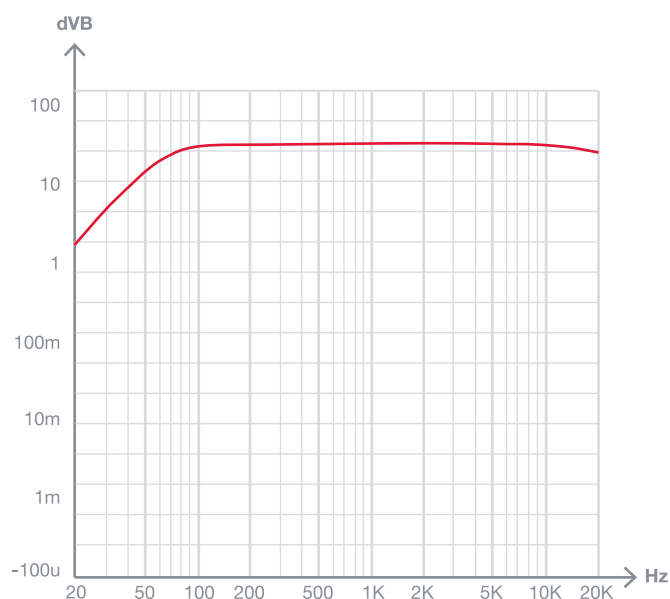
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CONTROLS	<p>Microphone volume</p> <p>Mic/line/phantom selector</p> <p>Master volume</p> <p>Aux input or player selector</p> <p>Zone volume</p> <p>Tone: bass and treble (+/- 10 dB 100 Hz and 10k Hz)</p> <p>Microphone gain</p> <p>Priority activation signal level (VOX)</p>
OPERATING TEMPERATURE	<p>Operation: 0° ~ 40°C</p>
MAXIMUM HUMIDITY	<p>95%</p>
POWER SUPPLY	<p>230/115 V AC 50-60 Hz, 480 W</p> <p>Fuse AC 230 V 4 A / 115 V 8 A</p>
DIMENSIONS	<p>433 x 89 x 360 mm depth. 2 U 19" rack</p>
WEIGHT	<p>11.5 kg</p>
ACCESSORIES	<p>FM Antenna</p> <p>Bluetooth antenna</p> <p>Power cable</p> <p>Rack mounts</p>

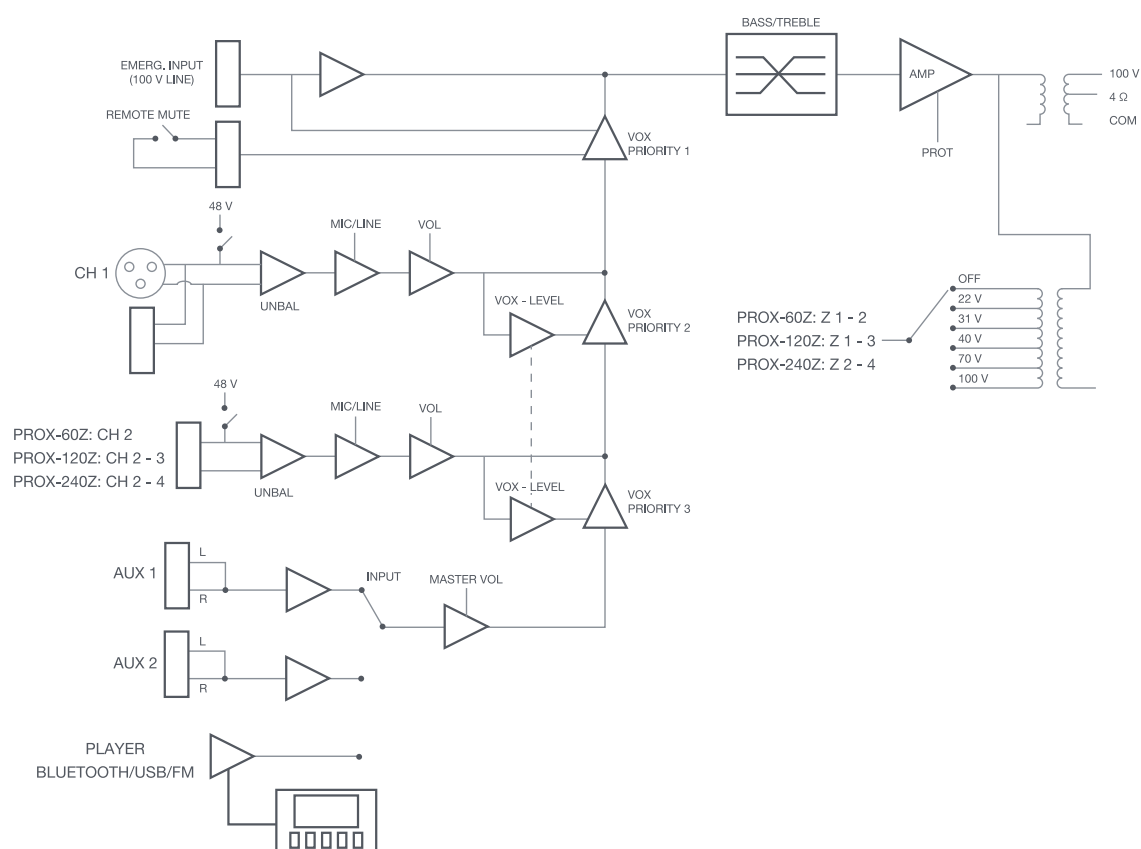


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## Frequency response



## Block diagram



Amplia la información de los productos en:  
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