

PUBLIC ADDRESS / AMPLIFIERS / MONO

# PROX-60Z

PA MULTI-ZONE AMPLIFIER


 EMERG / CH1-2  
PRIORITY INPUT


2 ZONES (100 V)



RADIO



BLUETOOTH



USB


 60 W RMS@4 Ω  
60 W RMS@100 V

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



+ Info:

<https://fonestar.com/PROX-60Z>

## ESPECIALLY RECOMMENDED IN:



Factories



Sports facilities



Education



All sectors

## DESCRIPTION

60 W RMS multi-zone amplifier. 2 speaker zones. USB/FM player and Bluetooth®.

## TECHNICAL CHARACTERISTICS

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FEATURES              | Public Address Amplifier<br>Bluetooth/USB/FM player.<br>Microphone inputs with mix, gain and priority level control.<br>Input priorities by signal level.<br>Tone controls.<br>100 V and 4 Ohm outputs.<br>2 output zones with volume and Off control.                                                                                                                                                                                                                                                                     |
| POWER                 | 60 W RMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RESPONSE              | 60-20,000 Hz (-10 dB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DISTORTION            | THD+N: < 1% @ 1 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SIGNAL-TO-NOISE RATIO | >77 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PROTECTIONS           | Overcurrent, DC and short-circuit at the output                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| INPUTS                | CH 1 balanced mic/line with 48V Phantom. Combo connector (XLR + 6.3 mm) and euroblock.<br>CH 2 balanced mic/line with 48V Phantom. Euroblock connector.<br>Mic signal level: 6 mV RMS (-44 dBV) / 600 Ohm<br>Line signal level: 250 mV RMS (-12 dBV) / 100k Ohm<br>2 x AUX. 2 x RCA and euroblock connector. Signal level 300 mV RMS (-10 dBV) / 47,000 Ohm<br>1 x emergency. Euroblock connector. Speaker line signal level 100 V<br>1 x mute (Emergency Priority) by general purpose NO/NC contacts. Euroblock connector |
| OUTPUTS               | 1 line. 2 x RCA connector. Signal level 1.25 V RMS (+2 dBV)<br>100 V or 4 Ohm speaker output, or 2 100 V speaker zones with 5-position volume selector and OFF. Connector: screw terminals.                                                                                                                                                                                                                                                                                                                                |
| IMPEDANCE             | 4 Ohm and 100 V line (166 Ohm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



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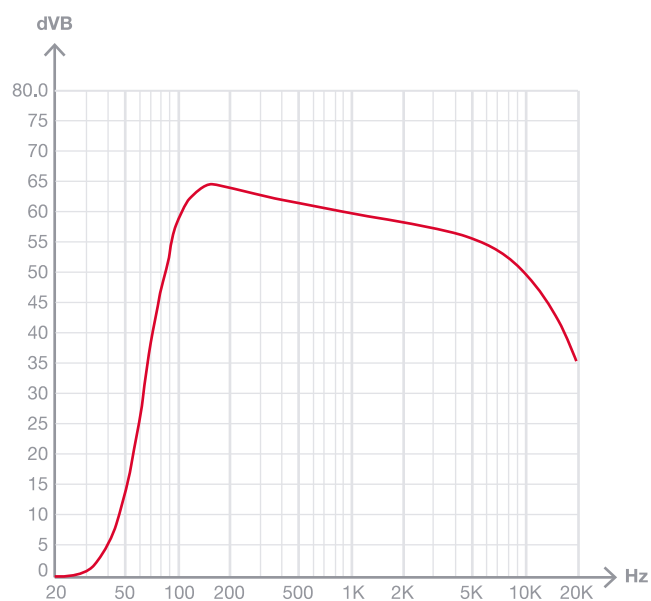
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| FUNCTIONS        | <p>Priority of inputs (in order of attenuation):</p> <ul style="list-style-type: none"> <li>· 100 V Emergency input.</li> <li>· Mute via general-purpose NO/NC contacts.</li> <li>· Channel 1 with shared selectable signal level CH1-2 (VOX)</li> <li>· Channel 2 with shared selectable signal level CH1-2 (VOX)</li> <li>· Auxiliary inputs   Player</li> </ul> <p>Power, protection, signal peak and output signal indicator lights</p> <p>Fanless induction cooling</p> |
| PLAYER           | <p>Bluetooth/USB/FM player for background music playback</p> <p>Supported MP3 and WAV files</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>                                                                                                                                                                                      |
| BLUETOOTH        | 5.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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>                                                                                                                                                                                                        |
| TEMPERATURE      | Operation: 0° ~ 40°C                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MAXIMUM HUMIDITY | 95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| POWER SUPPLY     | <p>230/115 V AC 50-60 Hz, 200 W</p> <p>AC fuse 230 V 1.5 A / 115 V 3.15 A</p>                                                                                                                                                                                                                                                                                                                                                                                                |
| DIMENSIONS       | 320 x 94 x 281 mm depth                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| WEIGHT           | 5 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| ACCESSORIES      | <p>FM antenna</p> <p>Bluetooth antenna</p> <p>Power cable</p>                                                                                                                                                                                                                                                                                                                                                                                                                |



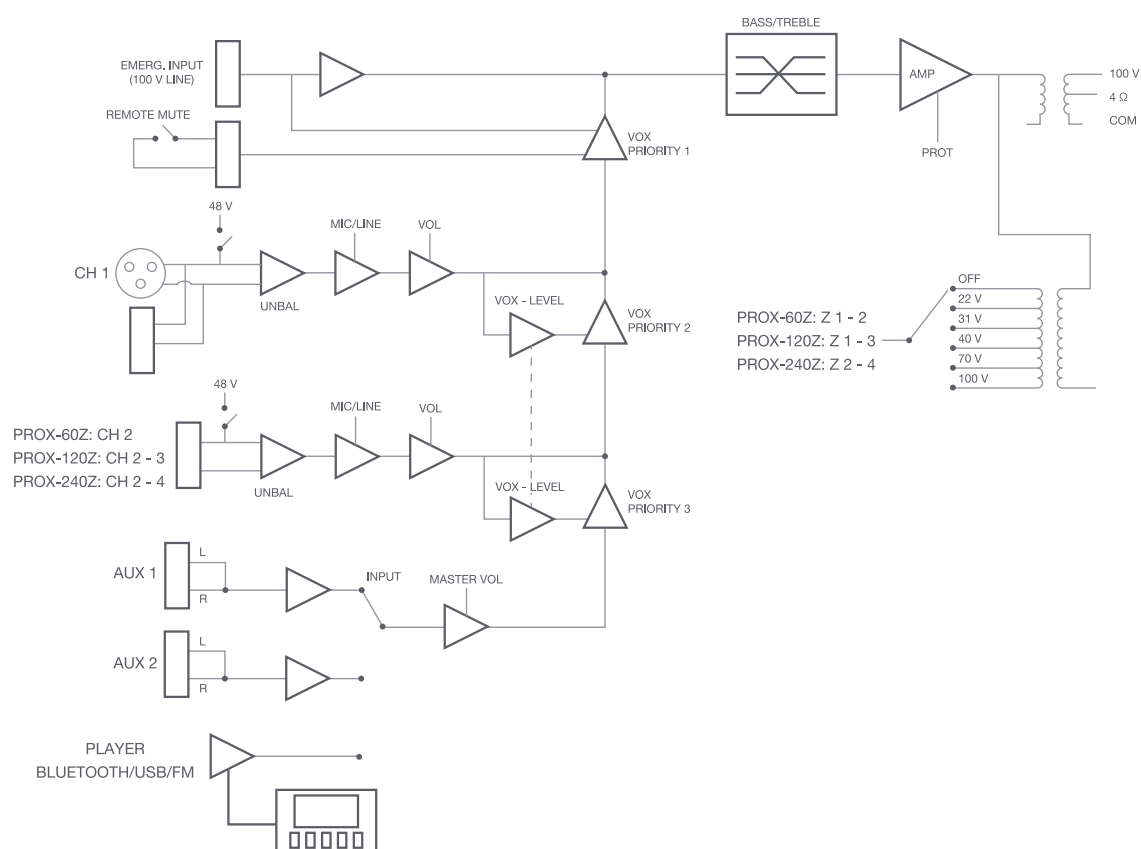
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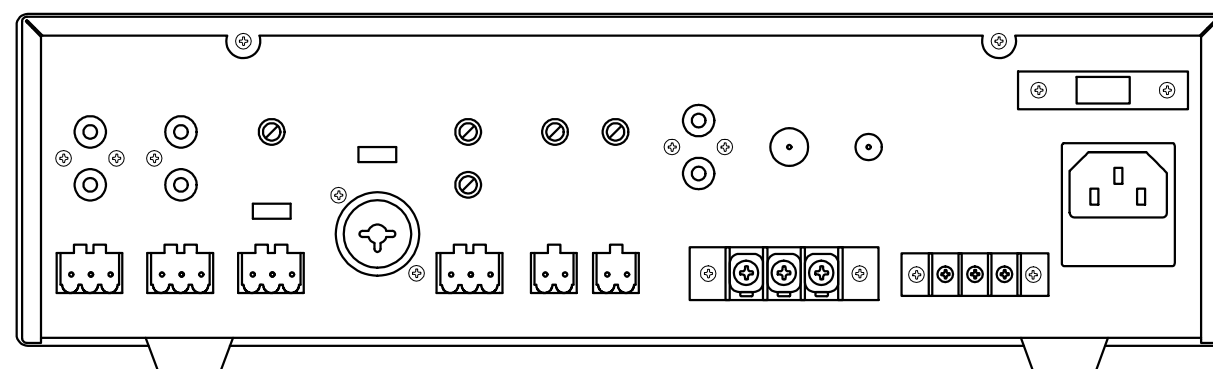
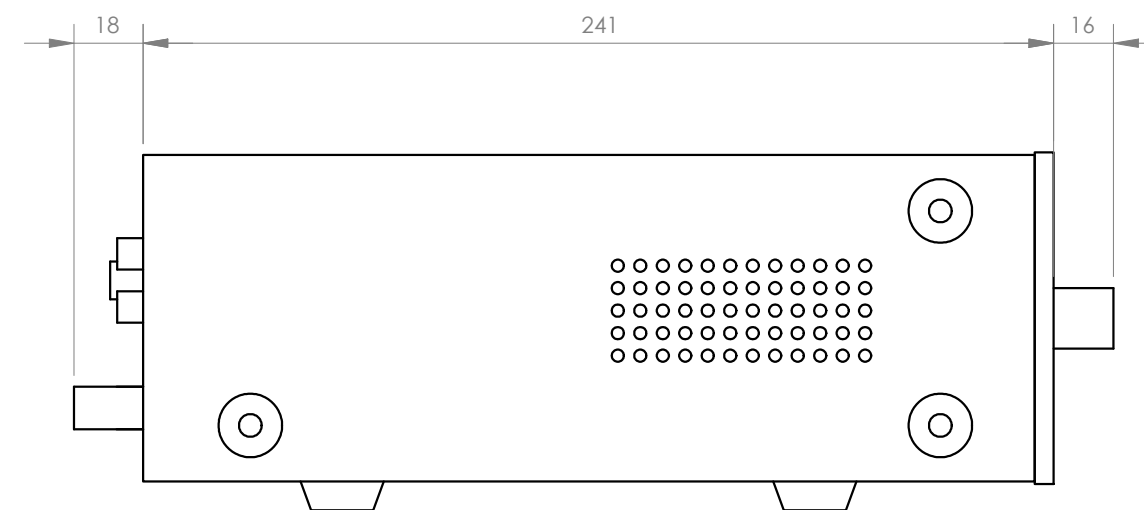
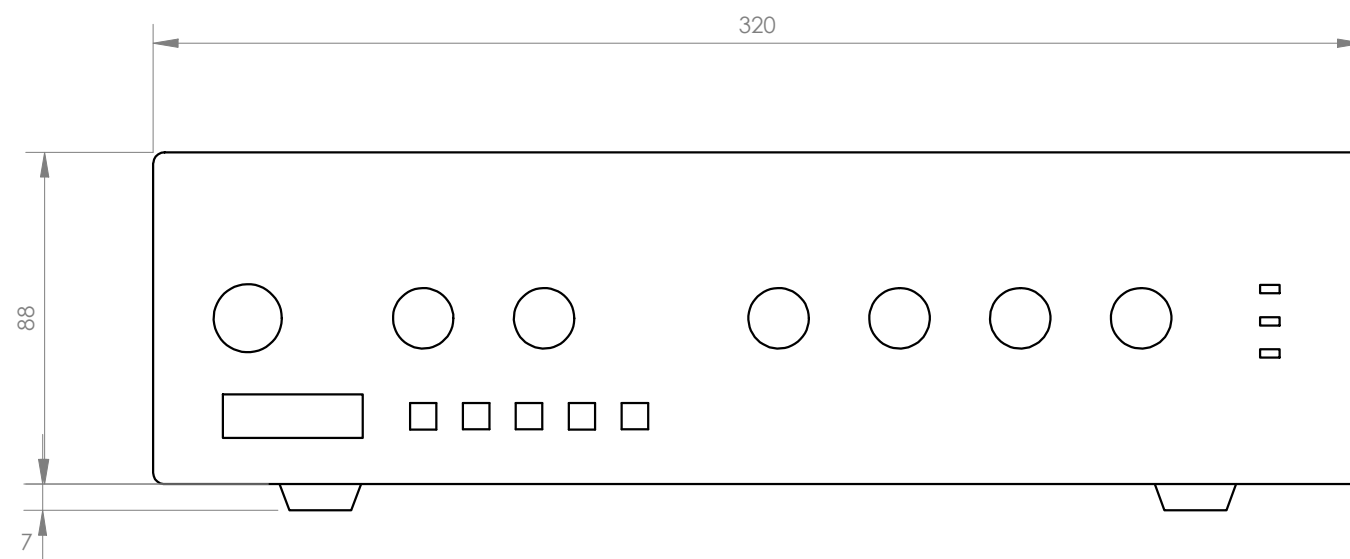
## Frequency response



## Block diagram



+ Info  
<https://fonestar.com/PROX-60Z>



|                 |          |                         |       |       |
|-----------------|----------|-------------------------|-------|-------|
| <b>FONESTAR</b> | Model    | Description             | Units | Scale |
|                 | PROX-60Z | PA MULTI-ZONE AMPLIFIER | mm    | 1:2   |