

High Output, self powered (class D switch mode power supply with PFC), two-way cabinet. DSP (FIR Filters) controlled with 1400W amplification, 128dB SPL



Key features

- Class D Powered (bi-amplified)
- Integrated Digital Processing
- Internal temperature control
- Electronic protection
- FIR linear phase filtering
- Online monitoring available
- Two way active system

Applications

- Theatres & auditoriums
- Smaller live stages / events
- Portable sound reinforcement
- Front fill / side fill reinforcement
- Houses of worship
- Small clubs & discos

General description & specifications

The GXR-15 enclosure is a multipurpose full-range self-powered that stands out for its high performance, with an excellent power-ratio.

It does not need to carry an external amplification rack and is ideal for a wide variety of applications, both in fixed installations and portable applications since its trapezoidal design allows it to function even as a stage monitor.

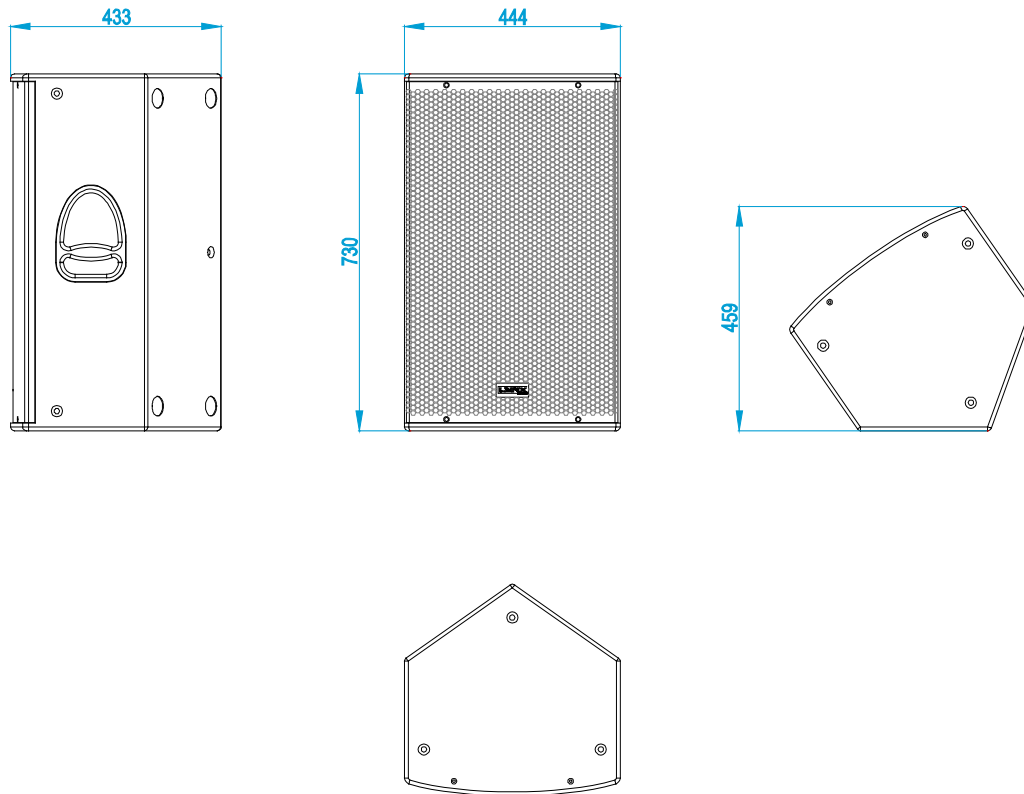
The enclosure is amplified with a total of 1400 W class D switching power supply, with DSP processor and linear phase FIR filters. This system can be controlled online in real time.

A complete range of accessories facilitate its use on tripod, wall hanging, ceiling, satellite mode, etc. To facilitate its transport, a robust flight case is available where two enclosures can be found next to its wiring. There is also a practical nylon case available.





Technical Data

| | |
|----------------------------|--|
| Components | |
| • LF: | 15", 2.5" voice coil, Malt Cross Cooling System |
| • HF: | 1" Exit compression Driver, 1.7" aluminium voice coil |
| Frequency range | 60 Hz - 20 KHz (-10dB) |
| Frequency response | 66 Hz - 18 KHz (± 3dB) |
| Max SPL | 128 dB |
| Coverage angle | 90° x 40° constant directivity horn. Rotatable |
| Power | 1400W Class D with switching power supply & PFC LF amplifier: 1 x 800 W HF amplifier: 1 x 600 W |
| Processing | Internal Lynx Processor DSPB-FL. 96 KHz / 64 bit double-precision, DSP with FIR filter linear phase |
| Control | User control interface with 2.8" IPS screen |
| Control connections | Ethernet optional / USB (DSP programming) |
| Input | Analog / AES3 (optional) |
| AC Power | 90 - 264V. 50/60 Hz with PFC |
| AC Connectors | 16A Neutrik powercon true1 with looping output |
| Finish | Polyurea coating, high grade resistant paint |
| Material | 15 mm Premium birch plywood |
| Dimensions | 730 x 444 x 433 mm (H x W x D) |
| Weight | 28.5 Kg (62.8 lbs) |

Dimensional Drawing



Accessories

| | | |
|---|------------|---|
|  | AGR-10 | Eye bolt for the GXR-15 |
|  | WB-03 | Wall bracket for the GXR-15 for top hat insertion |
|  | FD-GXR15 | Nylon protection cover for the GXR-15 |
|  | FC-GXR15X2 | Flight case for the GXR-15 |