

High Output, self powered (class D switch mode power supply with PFC), two-way cabinet. DSP (FIR Filters) controlled with 1400W amplification, 127dB 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-12 enclosure is a multipurpose full-range self-powered that stands out for its high performance. 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.

Consists of a 12" (2.5" voice coil) transducer with a 1" compression driver with a polyimide diaphragm mounted on a 90°H x 40°V

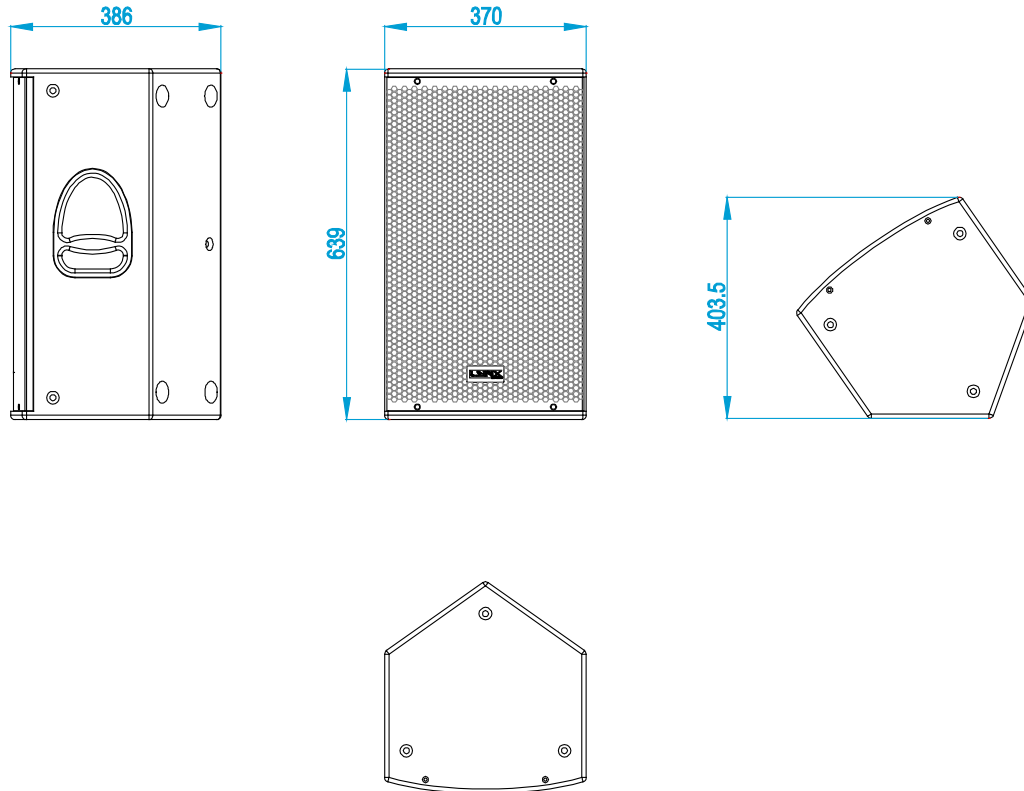
precise directivity horn. DSP (FIR Filters) controlled with 1400W amplification, 127dB SPL. This system can be controlled online in real time.

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:	12", 2.5" voice coil, Malt Cross Cooling System
• HF:	1" Exit compression Driver, 1.5" aluminium voice coil
Frequency range	60 Hz - 20 KHz (-10dB)
Frequency response	66 Hz - 18 KHz (± 3dB)
Max SPL	127 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	639 x 370 x 386 mm (H x W x D)
Weight	23.5 Kg (51.7 lbs)

Dimensional Drawing



Accessories

	AGR-10	Eye bolt for the GXR-12
	WB-03	Wall bracket for the GXR-12 for top hat insertion
	FD-GXR12	Nylon protection cover for the GXR-12
	FC-GXR12X2	Flight case for the GXR-12