

# KLARITY 12 MULTI-PURPOSE LOUDSPEAKER



The Klarity 12 is a high performance, multipurpose loudspeaker with an integral high efficiency, class-D amplifier. The versatile, multi-faceted shape of the enclosure allows it to be used as a floor monitor, and upright or vertical as a main loudspeaker for small to mid-sized sound reinforcement. It can be pole mounted or flown easily with M8 rigging points, making it perfect for both portable and installed applications. A 90° x 60° constant directivity horn ensures even, predictable coverage across the entire listening area with the additional flexibility of a rotatable design. The recessed amplifier cavity ensures that both signal and power connectors are protected during operation. With 4 user selectable DSP options the Klarity 12 is suited for both standalone full range operations, and in conjunction with a Klarity subwoofer for additional low frequency extension and higher SPLs. The high-grade, void-free Baltic birch cabinet is finished with a tour-grade, high-impact EXL Polyurea coating that outlasts standard painted cabinets by years.

## FEATURES

- Premium quality transducers
- High-grade void-free Baltic birch construction
- High efficiency class-D amplification
- Full power intelligent limiting
- 90° x 60° Aluminum rotatable horn flare
- M8 rigging for suspension
- 4 selectable DSP configurations
- 12 gauge heavy duty grill
- Tour-grade high-impact EXL Polyurea
- Powercon locking power cable

## SPECIFICATIONS

PURPOSE	2-WAY MULTIPURPOSE
Low Frequency	12" Cone Transducer
High Frequency	1.75" Titanium Compression Driver
Amplifier	700W Class-D
Operating Frequency +/-10dB	37Hz - 20KHz
Free Field Response +/-3dB	46Hz - 18KHz
Maximum SPL (note1)	132dB
Coverage Pattern	90° x 60° Rotatable
Audio Input	Balanced XLR
Audio Through	Balanced XLR
Transducer Protection	Thermal & Excursion Limiting
Amplifier Cooling	Temperature Controlled Fan
DSP Presets	1. Full Range 2. 90Hz HP 3. Vocal 4. Mic Level Input
AC Power Input	Powercon
Input Voltage	Auto-switching 100 - 250V
AC Power Consumption 1 / 8 Power (110V / 220V) Amps	1.2 / 0.6A
Material	High-Grade Void-Free Baltic Birch
Finish	Tour-Grade High-Impact EXL Polyurea
Grill	12 Gauge Powder Coated Steel
Rigging	M8 Rigging for Suspension
Dimensions DxWxH (inches)	13.4 x 13.9 x 28.5
Dimensions DxWxH (mm)	340 x 355 x 725
Weight (lb)	55.3
Weight (kg)	25.1

NOTE: (1) Max. SPL 1W / 1m with 4dB crest factor pink noise

## APPLICATIONS

- Night Clubs & Lounges
- Mobile DJs
- Live Music
- Corporate Facilities
- Speeches & Public Address
- Restaurants & Cafés
- Houses of Worship
- Delay & Other Coverage