



CrystalVox - Loqui1

CrystalVox Loqui1 gives you articulate and intelligible speech using the latest advancements in acoustic design.

Technical Specification

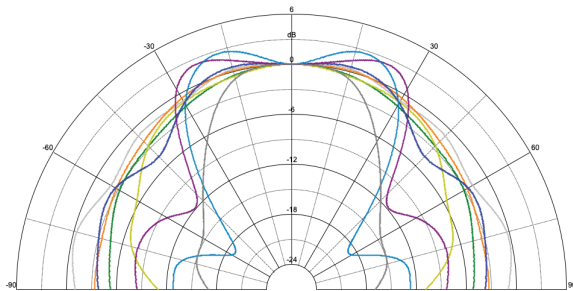
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|---|--|
| Type | 3 way 2 drivers sound bar with built-in amplifier |
| Frequency response (+/-5dB) | 88Hz-17KHz |
| Transducers | 1x 3" flat aluminium sandwich woofer, 1x 7x2" planar magnetic driver |
| Input sensitivity | 1.22V(RMS) |
| SPL max at 1m | 98dB |
| Horizontal dispersion @-6dB (200Hz-1.1KHz)* | 110 |
| Horizontal dispersion @-6dB (200Hz-1.1KHz)* | 82 |
| Vertical dispersion* @-6dB | 90 |
| Internal amplifier | 2X50w Class D |
| Audio input terminal | Balanced 3 way Phoenix (supplied) |
| DC Input | 24V/2A min. 2 way Phoenix (supplied) |
| Length | 416mm |
| Width | 120mm |
| Depth | 80mm |
| Grille | Powder coated steel |
| Weight | 2.7kg |
| Finish | Black/white/custom |
| Mounting | 3xT-Slots(8mm). Flat, 30 and 45 degrees |
| Options | Wall bracket: Includes screws and locking nut |

*Landscape orientation

Key Features

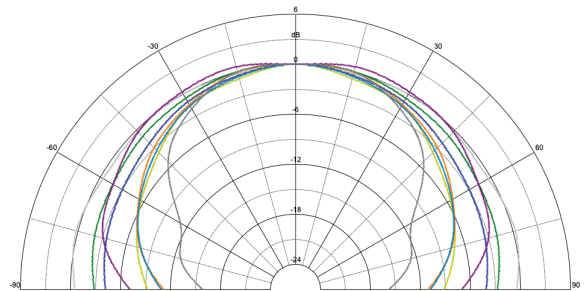
- Optimised for conference rooms hosting up to 8 people
- High performance 8" proprietary planar magnetic driver combining sound dispersion control and low harmonic distortion
- 3" aluminium sandwich ultra rigid flat diaphragm woofer
- DSP 3 way crossover and FIR optimised frequency response
- Wide high frequency dispersion design to generate an even sound field
- Sealed and highly damped woofer enclosure
- Sharp transient response design for clear and intelligible vocals
- Rigid and mechanically damped 3mm aluminium extruded enclosure to reduce cabinet sound colorations
- 3x 8mm T-slots allow for easy multi-angle mounting

Polar Plots



Horizontal Dispersion*

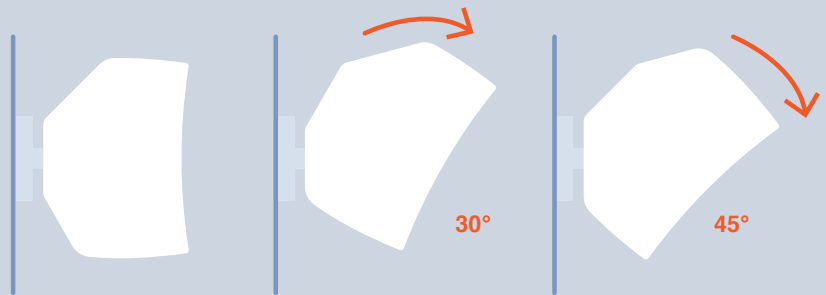
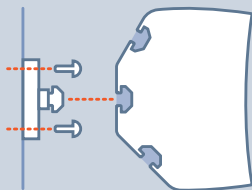
125 Hz
250 Hz
500 Hz
1000 Hz
2000 Hz
4000 Hz
8000 Hz
16000 Hz



Vertical Dispersion*

Surface-mount Options

Thanks to its 3 mounting rails, the Crystalvox speaker can be securely installed at different up or down tilting angles which is ideal for mounting above or below video screens.

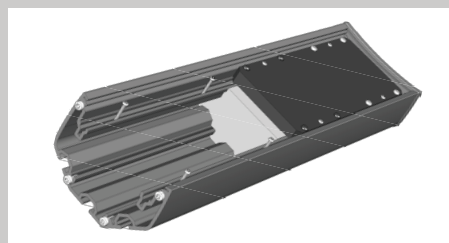


Design Features



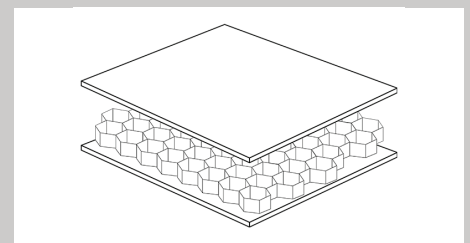
High performance planar magnetic driver

The internal components are engineered, manufactured and assembled with great care to achieve the most realistic listening experience.



3mm extruded aluminium enclosure

Even the speaker cabinets are mechanically and geometrically optimised to eliminate interfering vibration and resonances.



Honeycomb sandwich woofer

CrystalVox speakers use highly innovative and proprietary transducers like planar magnetic drivers and honeycomb sandwich diaphragm woofers. While requiring a great level of attention in the setup process, these high performances devices will deliver outstanding level of acoustic presence and realism.