

# 8" multi-use coaxial loudspeaker

## UC-250



### Applications

- Compact live sound reinforcement system
- Foreground / background music, infill /delay
- Portable PA, retail, clubs, ballrooms, houses of worship, corporate AV, live theatres
- Stage monitoring

### Features

- 2-Way Passive Speaker
- 100° x 100° high frequency dispersion angle nominal coverage
- 8" woofer; 1.7" neodymium comp. driver
- 250W nominal power handling / 500W continuous power handling, 8 ohm
- Dual angle enclosure for both front-of-house and floor monitor applications
- Premium crossover with precision filters
- Self-resetting thermal protection on high frequencies driver.

The UC-250 is a high performance multipurpose loudspeaker employing an integrated 8"/1.7" exit coaxial driver design with neodymium magnet and constant directivity high frequency driver.

The high frequency driver with its 100° x 100° (hor. x vert.) dispersion pattern. nominal coverage.

The UC-250 is a two-way design with a built-in passive crossover network.

Its frequency response extends from 50 Hz to 18 kHz.

The cabinet shape allows use either in a vertical or horizontal orientation as well as deployment as a stage monitor.

The front of the loudspeaker cabinet is protected by a rigid metal grill backed by an acoustically transparent foam.

The loudspeaker cabinet incorporates a pole mount socket for pole and mounting located in the side panel.

The input connector panel on the rear of the UC-250 cabinet is recessed and tilted to allow deployment as a stage monitor.

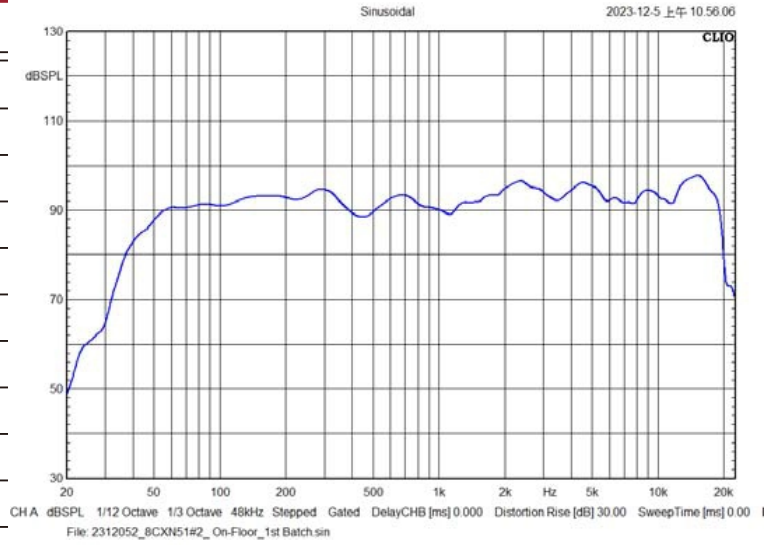
**TECHNICAL SPECIFICATIONS**

<b>UC-250</b>	
<b>Frequency response (-3 dB)<sup>1</sup></b>	50 Hz - 18 kHz
<b>Transducer</b>	B&C 8CXN51-8
<b>Magnet Material</b>	Neodymium Ring
<b>Max. SPL<sup>2</sup></b>	127 dB
<b>HF coverage angle</b>	100° x 100°
<b>Cross-over frequency</b>	1.8KHz
<b>LF Nominal impedance</b>	8 Ω
<b>LF sensitivity<sup>1</sup></b>	97 dB (1 W/1 m)
<b>LF Power handling<sup>3</sup></b>	250W(Nominal), 500W(Continuous)
<b>Former Materiel</b>	Glass Fiber
<b>HF Nominal impedance</b>	8 Ω
<b>HF sensitivity<sup>1</sup></b>	104 dB (1 W/1 m)
<b>HF Power handling<sup>3</sup></b>	50W(Nominal), 100 W (Continuous)
<b>Diaphragm Material</b>	Polyimide
<b>Connectors</b>	Neutrik NL4 input with NL4 pass through
<b>Enclosure</b>	12-18mm Russian birch plywood
<b>Monitor angles</b>	40°
<b>Color</b>	Black
<b>Grille</b>	1.5-mm zinc plated steel with corrosion resistant coating
<b>Dimensions (H x W x D)</b>	277 mm x 470 mm x 339 mm (10.92 in x 18.5 in x 13.24 in)
<b>Net weight</b>	11 kg (22 lb.)
<b>Color</b>	Black corrosion resistant coating

<sup>1</sup>Half-space with monitor preset

<sup>2</sup>Measured one meter on-axis, free field with 12dB crest factor pink noise

<sup>3</sup>Continuous power EIA-426A.



Frequency Response

