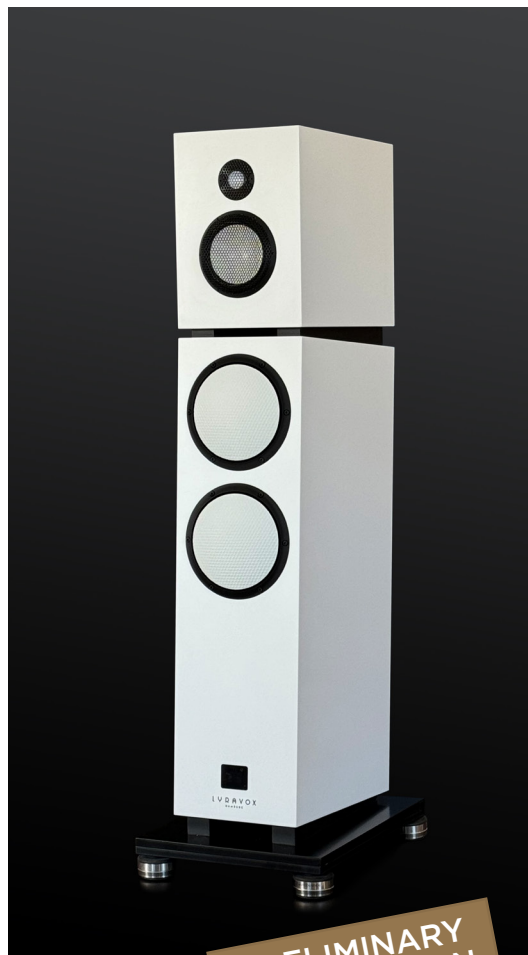


KARLSSON MINI TOWER MONOLITH

- Indicative Fact Sheet -

KARLSSON MINI TOWER is the most compact and narrow version of the KARLSSON TOWER, measuring just 20 cm in width-making it the slimmest LYRAVOX loudspeaker to date. Its solid composite stone cabinet and premium Accuton Cell/AS driver configuration represent the finest mechanical hardware currently available. The built-in electronics fully unleash the potential of this advanced hardware. Combined with sophisticated Lyravox tuning and integrated room calibration, the result is arguably the highest-end loudspeaker concept in this size category. Thanks to the unique properties of the AS bass drivers, the KARLSSON MINI TOWER delivers an exceptional ratio of physical size to bass dynamics. In its class, it has no equal.



TECHNICAL INFORMATION

Concept:

Dynamic, 3-way. Triple fully active class D amplification with DSP signal processing with DSP signal processing and integrated pre-stage. Master/secondary configuration with digital interlink.

Recommended room size:

25-100 m² (assuming normal living space height up to 2.8 m)

Recommended listening distance:

1,5 - 5 m

Recommended distance to the wall:

At least 0,5 m (with acoustical room adjustment from 0,25 m)

Frequency response:

23 - 42.000 Hz (room dependent)

Enclosure:

Two-segment cabinet made of solid mineral cast stone, 28 l volume bass reflex, additional inner walls, reinforcements made of complementary material, multi-component sound chamber insulation, internal Helmholtz absorbers. base and connecting element made of deep black solid mineral cast stone. Integrated Isoacoustics® absorber feet. Speaker enclosure finish: pure white, honed or polished (at an extra charge).

Dimensions:

20 cm x 107 cm x 35 cm (W x H x D), baseplate 28 cm x 42 cm.

Weight:

ca. 60 kg

Transducers:

Front Tweeter Accuton® Cell® C25 inverted dome all-ceramic 25 mm (optionally BD25 full-diamond), midrange Accuton® Cell® C90 inverted dome all-ceramic 90 mm, bass driver 2 x Accuton® AS168.

Electronics:

Per speaker 2 x 500 w + 1 x 100 w Class D NCore® 4th generation.

Multi-channel Hi-Res-DSP with integrated, remote controllable preamplifier for digital and analog sources (firmware updateable). Alphanumeric OLED front display.

Internal Wiring:

High-purity copper OCC in matching diameters for each channel. Version with full-diamond tweeter pure silver OCC in the tweeter.

Input Interfaces:

AES digital XLR (via main speaker)
SPDIF digital RCA coax (via main speaker)
Toslink digital fiber optic (via main speaker)
XLR analog balanced (each right / left)
RCA analog („Cinch“) (each right / left)

Acoustical Customizing:

Up to 3 custom sound presets after expert calibration in the listening room (option at extra cost). E.g. additional presets for older sources, historical recordings or cinema sound with virtual center.

Included Items:

Aluminum remote control for controlling all functions incl. source selection and sound presets; 2 x power cord; 4.5 m Lyra-Link SPDIF connection cable main and secondary speakers; dust covers; user manual.

Warranty (EU):

3 years on electronics, 5 years on mechanics (speaker chassis), 10 years spare parts warranty. Within Europe, on-site service is mostly possible.

Product Variants:

Version D with full-diamond tweeter Accuton® Cell® BD 25.
Versions S1-S3 with electronics upgrades Stage 1 to Stage 3.

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