

## Tender Text

### A 2

High power universal loudspeaker for high quality music and speech reproduction with a usable range from 80 Hz to 19 kHz. The trapezoidal enclosure allows horizontal or vertical installation. The centrally mounted 18 x 18 cm, 10 cm deep horn is rotatable and provides a very precise 90° x 60° coverage. Increased volume in the enclosure behind the HF driver membrane allows a lower cross-over frequency. The 44 mm diaphragm is manufactured from a special compound material to provide particularly natural high-frequency reproduction.

The 6.5" low-mid driver configuration increases directivity in the speech frequency range, thereby improving speech intelligibility. Low frequencies are transmitted via a large bass-reflex tunnel below the horn section of the enclosure. The loudspeaker features an integrated passive cross-over with phase compensation, and can also be used without the dedicated controller.

Four M10 mounting points in the enclosure allow safe and simple flying of the system, horizontally or vertically, in combination with the range of original accessory fittings. The enclosure features a 35 mm speaker stand socket on the lower side.

Compact dimensions of 51 x 21 x 21 cm (h x w x d) and low weight (9,5 kg).

The enclosure is constructed from 12 mm birch 9-ply, splash-proofed (IP44), Polyurea coated, RAL 9005 (other RAL colours available on special order).

Front grille meets DIN 18032-3 (ball proof), replaceable acoustic foam front.

Simulation data available for Ease and Ulysses.

A comprehensive range of accessories is available.

### Product-Specifications:

<b>Speaker Components</b>	2 x 6,5" Neodym VC = 50 mm, 1" driver VC = 44 mm
<b>Description</b>	HiMid Sound System
<b>Power</b> (AES / Peak)	400 W / 1200 W
<b>Impedance</b> (nominal)	8 Ohm
<b>Maximum Level</b>	128 dB
<b>Usable Range</b>	80 Hz - 19 kHz
<b>Coverage</b> (horizontal / vertical)	90° / 60° (rotatable)
<b>Connectors</b>	2 x Speakon NL4MP in/out
<b>Rigging / Fittings</b>	4 x M10, 2 x M6
<b>Weight:</b>	9,5 kg
<b>Size</b> (height x width x depth)	51,0 x 21,0 x 21,0 cm

## Tender Text

# A 2 dp

High power universal loudspeaker for high quality music and speech reproduction with a usable range from 80 Hz to 19 kHz. The integrated digital amplifier electronics are based on Class D power amplifiers with a high efficiency, which are controlled via a particularly low-noise FPGA DSP processing. An electronic transformer balancing ensures an interference-free signal feed. Various factory-configured presets and volume settings can be recalled. Remote monitoring and control is provided via an Ethernet interface, which also allows signal transmission according to the AES 67 standard.

The trapezoidal enclosure allows horizontal or vertical installation. The centrally mounted 18 x 18 cm, 10 cm deep horn is rotatable and provides a very precise 90° x 60° coverage. Increased volume in the enclosure behind the HF driver membrane allows a lower cross-over frequency. The 44 mm diaphragm is manufactured from a special compound material to provide particularly natural high-frequency reproduction. The 6.5" low-mid driver configuration increases directivity in the speech frequency range, thereby improving speech intelligibility. Low frequencies are transmitted via a large bass-reflex tunnel below the horn section of the enclosure. The loudspeaker features a phase-compensated integrated passive cross-over.

Four M10 mounting points in the enclosure allow safe and simple flying of the system, horizontally or vertically, in combination with the range of original accessory fittings. The enclosure features a 35 mm speaker stand socket on the lower side. Compact dimensions of 51 x 21 x 21 cm (h x w x d) and low weight (9,5 kg).

The enclosure is constructed from 12 mm birch 9-ply, splash-proofed (IP44), Polyurea coated, RAL 9005 (other RAL colours available on special order).

Front grille meets DIN 18032-3 (ball proof), replaceable acoustic foam front.

Simulation data available for Ease and Ulysses.

### Product-Specifications:

<b>Speaker Components</b>	2 x 6,5" Neodym VC = 50 mm, 1" driver VC = 44 mm
<b>Description</b>	HiMid Sound System - digitally powered
<b>Amp Power</b> (AES)	500 Watt AES (LF), 150 Watt AES ( HF)
<b>Max. Input Signal</b>	25 dBu
<b>Maximum Level</b>	128 dB
<b>DSP</b>	DPLMx FPGA Processing 32 bit floating point
<b>AD / DA</b>	24 bit / 96 kHz
<b>Latency</b>	0,8 ms
<b>Usable Range</b>	80 Hz - 19 kHz
<b>Coverage</b> (horizontal / vertical)	90° / 60° (rotatable)
<b>Connectors</b>	2 x XLR in/thru, 2 x Powercon in/out, 1 x Ethercon
<b>Rigging / Fittings</b>	4 x M10, 2 x M6
<b>Weight</b>	10,5 kg
<b>Size</b> (height x width x depth)	51,0 x 21,0 x 21,0 cm