

TS-D 320-1000 black Dante

- excellent sound quality
- extensive DSP functions
- 8-channel Class-D digital amplifier

Dante®

CE

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CE-Symbol gemäß Richtlinie 93/68EWG

The active line-array system TS-D 320-1000 Dante offers professional speech and music reproduction in demanding environments, avoiding unwanted sound reflections. With its digitally steerable directivity, the speaker can precisely direct sound to achieve optimal distribution and clear speech intelligibility. With high sound pressure and a harmonious frequency response, the elegant array excels even in challenging environments and is ideal for airports, stadiums, train stations, and many other projects.

The 320W array features a built-in 8-channel Class-D digital amplifier and 8 x 100mm high-performance speakers that can be individually controlled, as well as an integrated Dante interface with two RJ45 sockets and a USB input. Additionally, the array can be operated without using the Dante network via the LINE input (3-pin Phoenix connector).

The user-friendly control software allows quick and easy access to the configuration of audio channels and all input & output DSP functions (such as noise gate, gain, limiter, delay, high/low pass filter...). The vertical dispersion angle can be adjusted via software from +20° to -20°. The frameless, slimline aluminium housing is installed using the robust wall bracket supplied. This enables an (additional) 10° change in the vertical beam angle through manual alignment.

The TS-D 320-1000 configuration software, a power cable, and the wall bracket are included in the delivery.

Product	TS-D 320-1000 black Dante
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Acoustics

Power	320 W
Speaker ø	100 mm
Frequency Range	90 Hz - 14.000 Hz
Frequency Response	70 Hz - 17.000 Hz
SPL 1W/1m, peak	110,0 dB
SPL 1W/4m, peak	98,0 dB
SPL Pmax/4m, peak	113,0 dB
SPL Pmax/1m, peak	125,0 dB
SPL IEC268-5, Pmax/1m	120,7 dB
Sensitivity IEC268-5, 1W/1m	107,0 dB
Dispersion -6dB, 500Hz	240°/58° h/v
Dispersion -6dB, 1KHz	230°/25° h/v
Dispersion -6dB, 2KHz	130°/10° h/v
Dispersion -6dB, 4KHz	110°/10° h/v

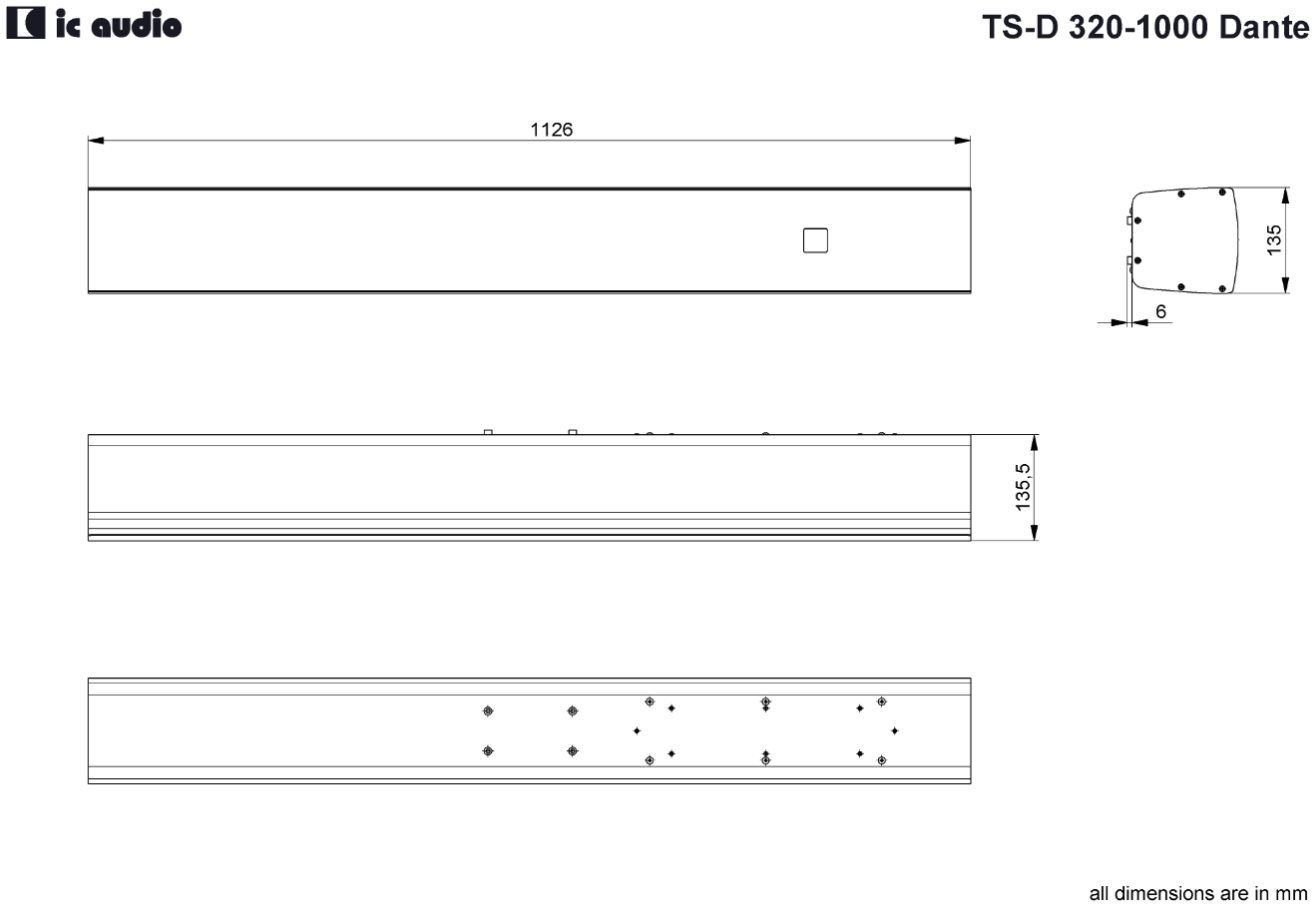
Connections and Housing

Connector	2 x RJ45 & 1 x Phoenix balanced
Temperature Range	-10 / +55 C°
Dimensions	1126x136x136 mm
Weight (net)	7,34 kg
Housing	aluminium
Colour	RAL 9005
Mounting	Swivel bracket
IP Rating	IP21

Product Attributes



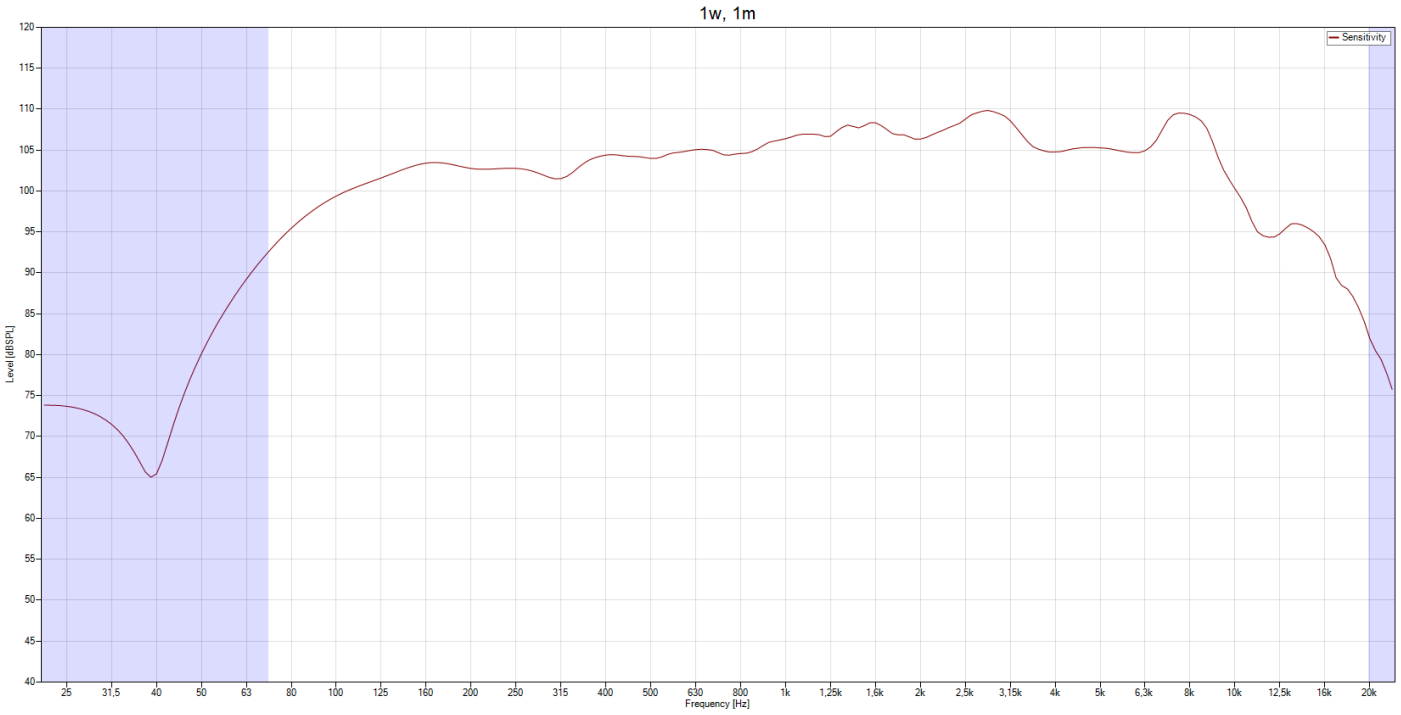
Technical Drawing



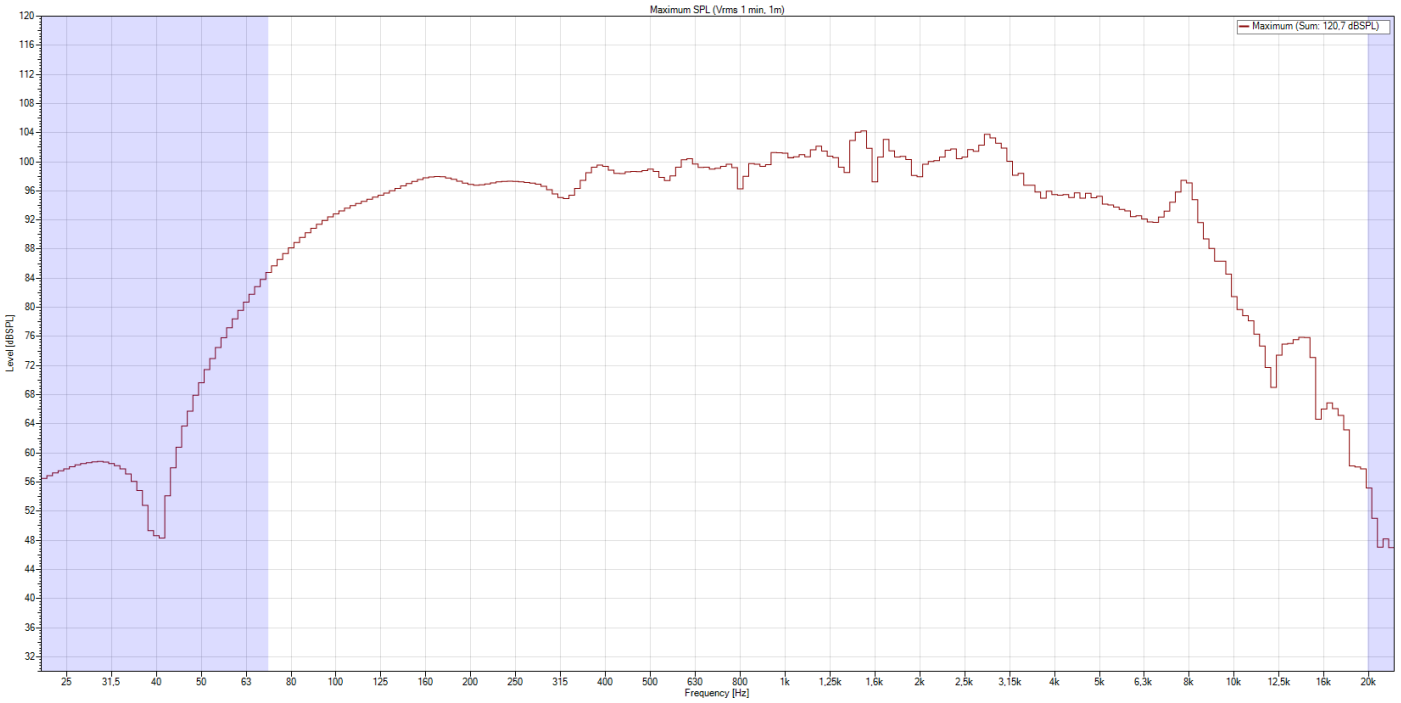
all dimensions are in mm

Frequency Response Diagram

Sensitivity

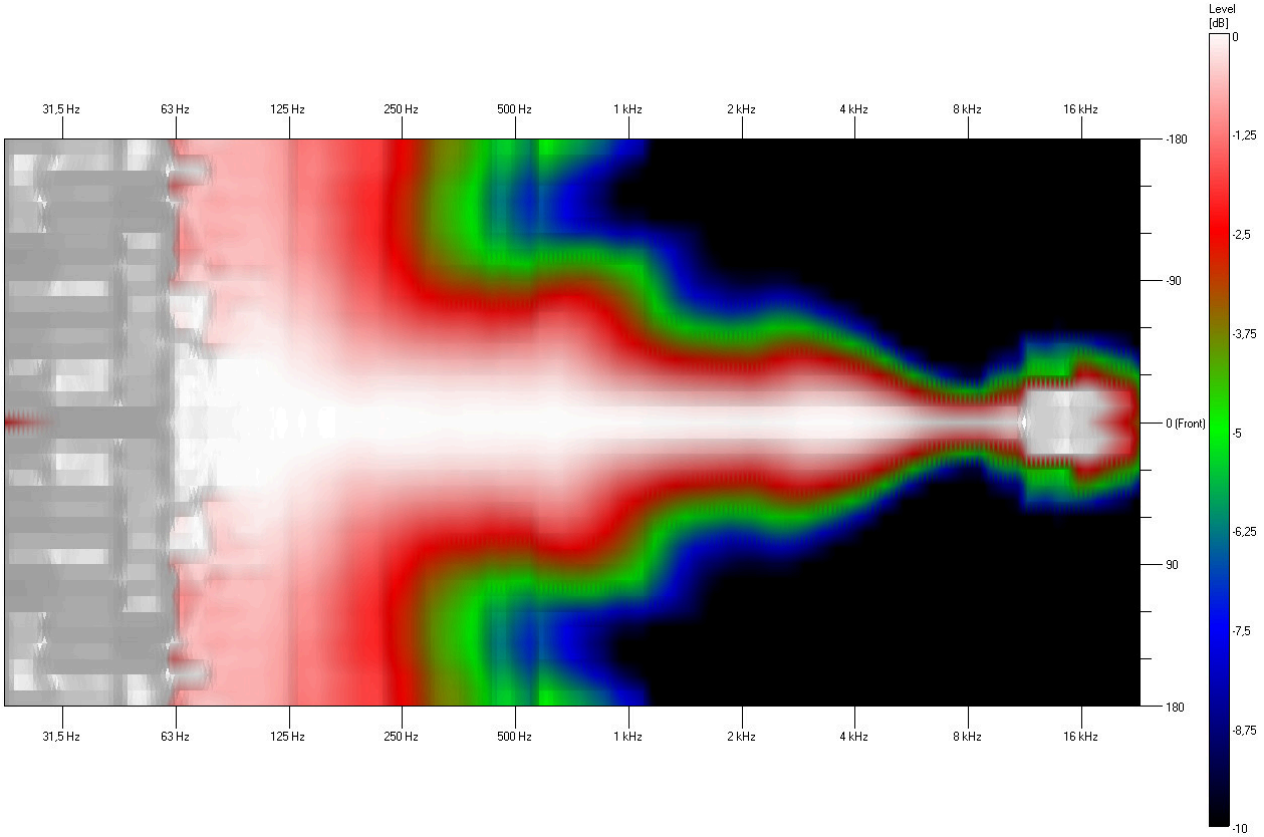


SPL Max

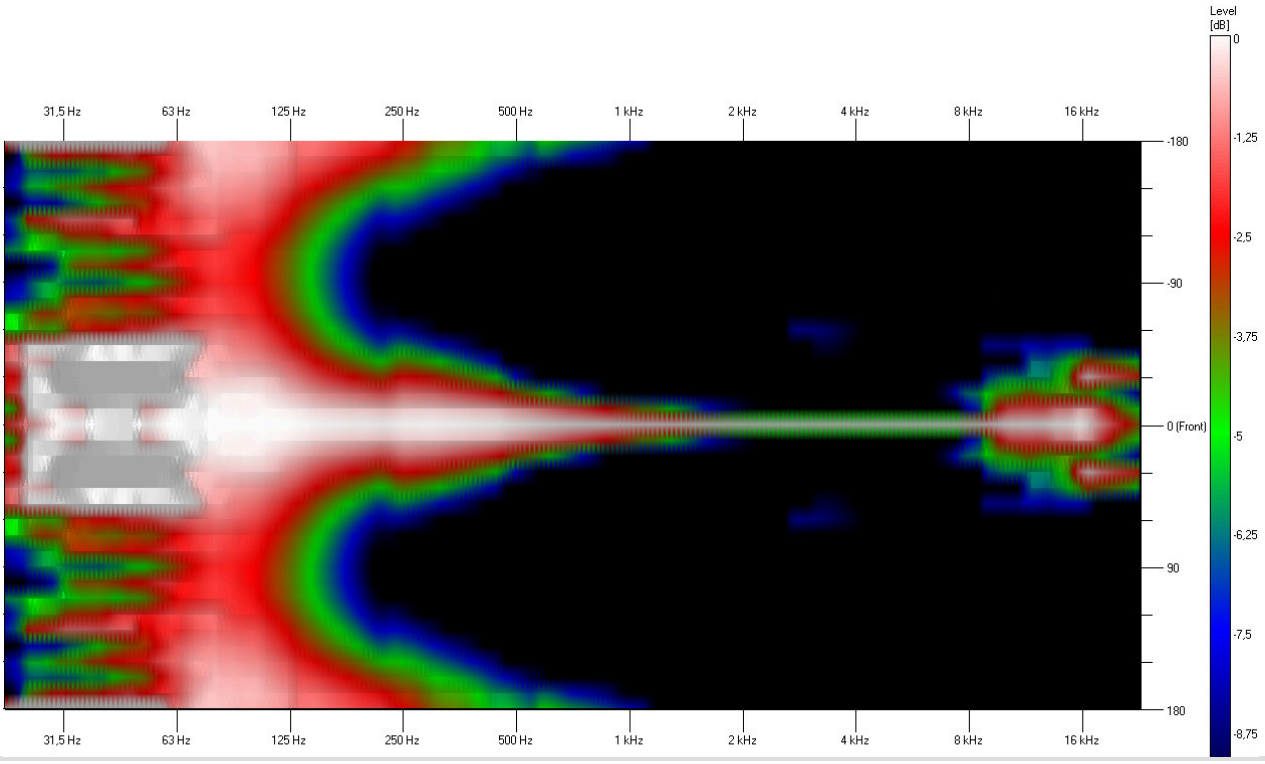


Isobar

Horizontal

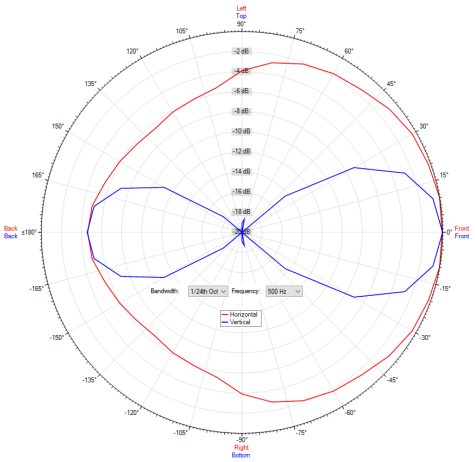


Vertical

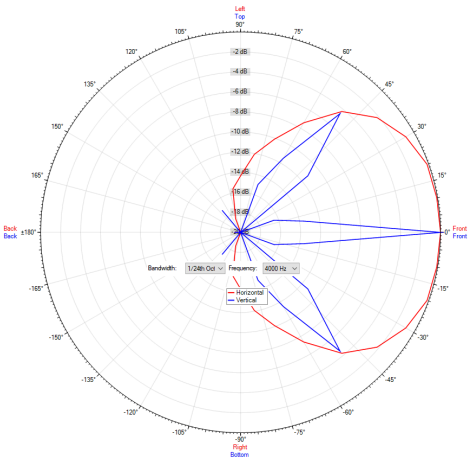


Polar Diagram

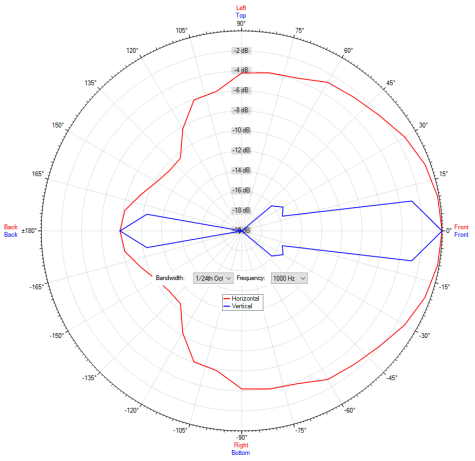
Polar Diagram 500Hz



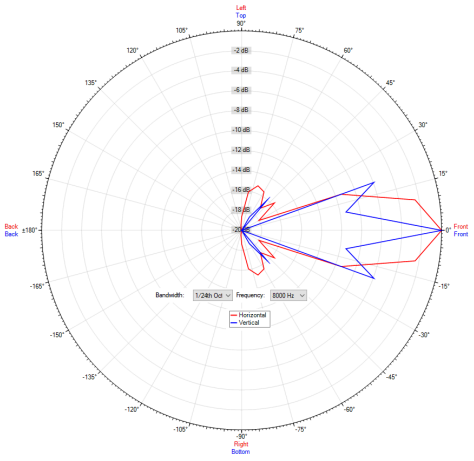
Polar Diagram 4000Hz



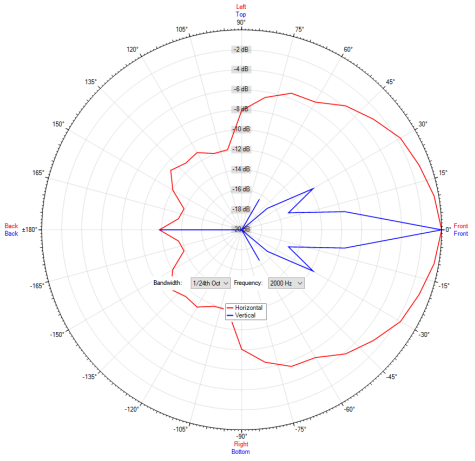
Polar Diagram 1000Hz



Polar Diagram 8000Hz



Polar Diagram 2000Hz



ic audio loudspeakers are tested and classified according to the IEC standard 60529 (degree of protection by enclosure) against the penetration of foreign objects and moisture. The classification is conforming to standards through characterization with a fixed code. This code consists of the letters IP (International Protection) followed by two digits. The first digit indicates the degree of protection against dust and the second digit the degree of protection against water. Please note that the testing of the products has been carried out in laboratory conditions which are not always 100% comparable with the conditions of different installation environments. This protection can be reduced due to normal wear and tear depending on the installation environment.

RoHS compliant (2011/65/EU)

Artikel Nr. : 20258908
Packing Unit: 1