

DK 6/T RAL 9016 MED

- high sound pressure level
- weatherproof
- AISI 316 mounting bracket

0098/2026

(EU) 2026/1434, item No. MED/1.44b. SOLAS 1974 as amended, Regulation II-2/12,21,22, III/4, 6 & X/3, LSA Code VII, HSC Code 4,8, IMO MSC.1/Circ. 808, 1369/Add.1
suitable for:

- Cargo ships
- Passenger ships without SRtP
- Passenger ships with SRtP

CE
26

MED certification
Notified Body No.: 0098
Certificate No.: MEDB0000AMS

ic audio GmbH, Boehringerstraße 14a,
68307 Mannheim, Germany

CE-Symbol according to 93/68EWG

The MED/1.44b certified 6W horn speaker combines powerful sound with a very compact housing. The 100V line transformer offers 3 power tappings, which can easily be selected on the back of the speaker. The shock-resistant ABS housing according to UL94V0 in RAL 9016 guarantees enduring stability. An integrated thermal fuse provides additional operational safety.

With its high protection class IP67, the speaker is reliably protected against dust, water and demanding environmental conditions in maritime applications.

The speaker is connected via a 1 m lead-out connection cable. A stainless steel mounting bracket and stainless steel nuts (M6) are included in the delivery for corrosion-resistant and secure installation.

Product	DK 6/T RAL 9016 MED
Article No	20258784

Acoustics

Power	6/3/1,5 W
Impedance (100V)	1667/3333/6667 ohm
Frequency Range	950 - 9.000 Hz
Frequency Response	500 - 10.000 Hz
SPL 1W/1m, peak	108,0 dB
SPL Pmax/1m, peak	115,8 dB
SPL 1W/4m, peak	96,0 dB
SPL Pmax/4m, peak	103,8 dB
SPL IEC268-5, Pmax/1m	107,1 dB
Sensitivity IEC268-5, 1W/1m	98,5 dB
Dispersion -6dB, 500Hz	360° h/v
Dispersion -6dB, 1KHz	179° h/v
Dispersion -6dB, 2KHz	91° h/v
Dispersion -6dB, 4KHz	56° h/v

Connections and Housing

Connector	cable (1m)
Temperature Range	-25 / +55 °C
Classification	exposed
Dimensions	144x150 mm
Weight (net)	1,20 kg
Housing	
Colour	RAL 9016
Mounting	mounting bracket
IP Rating	IP67

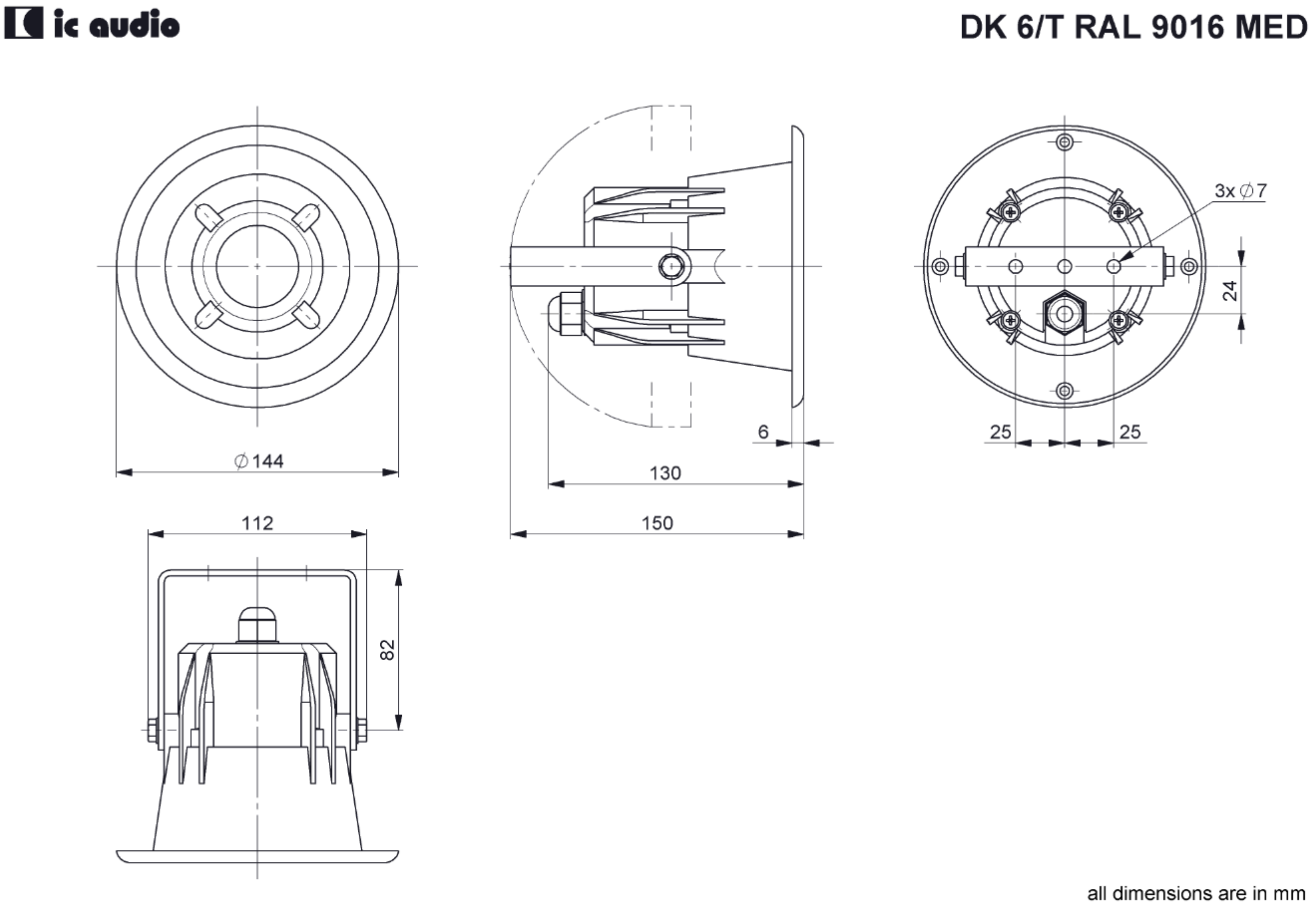
Certification

Implementing Regulation	(EU) 2026/1434
Certificate Number	MEDB0000AMS
Wheelmark	0098/2026

Product Attributes

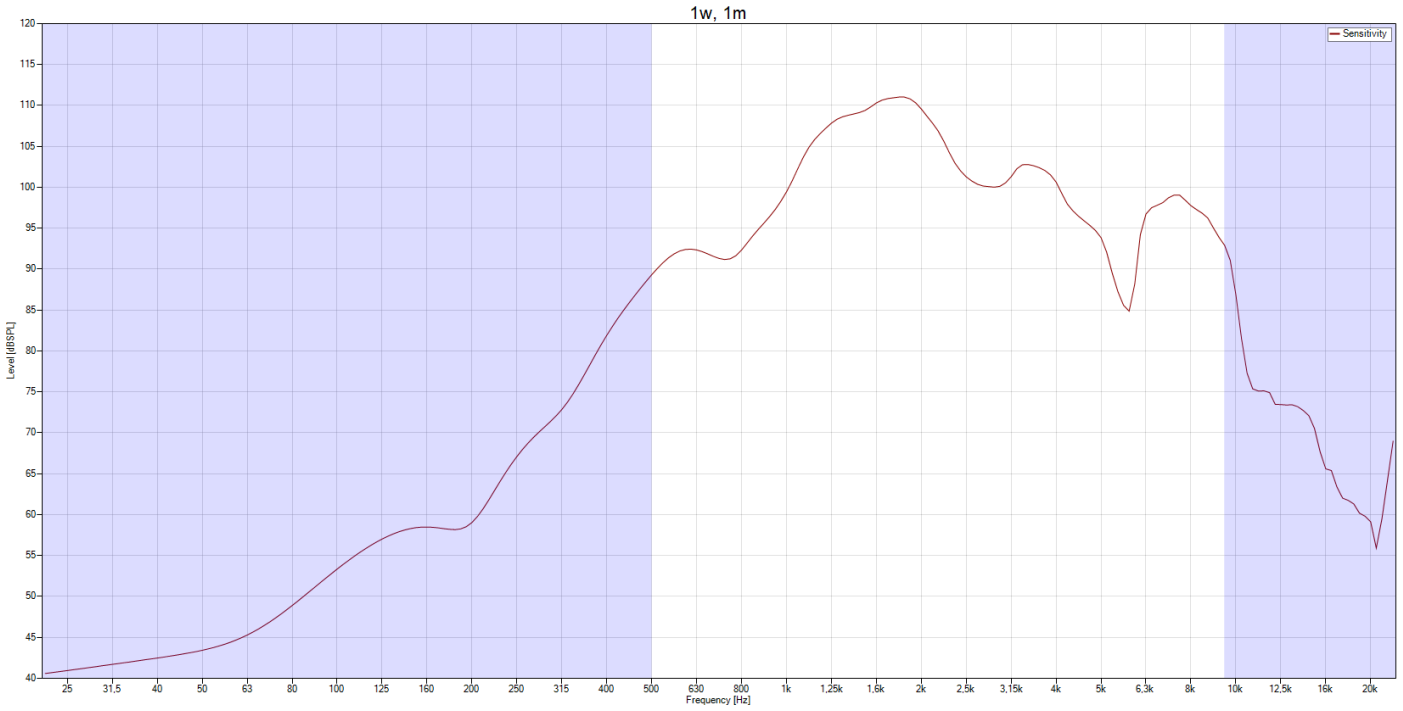


Technical Drawing

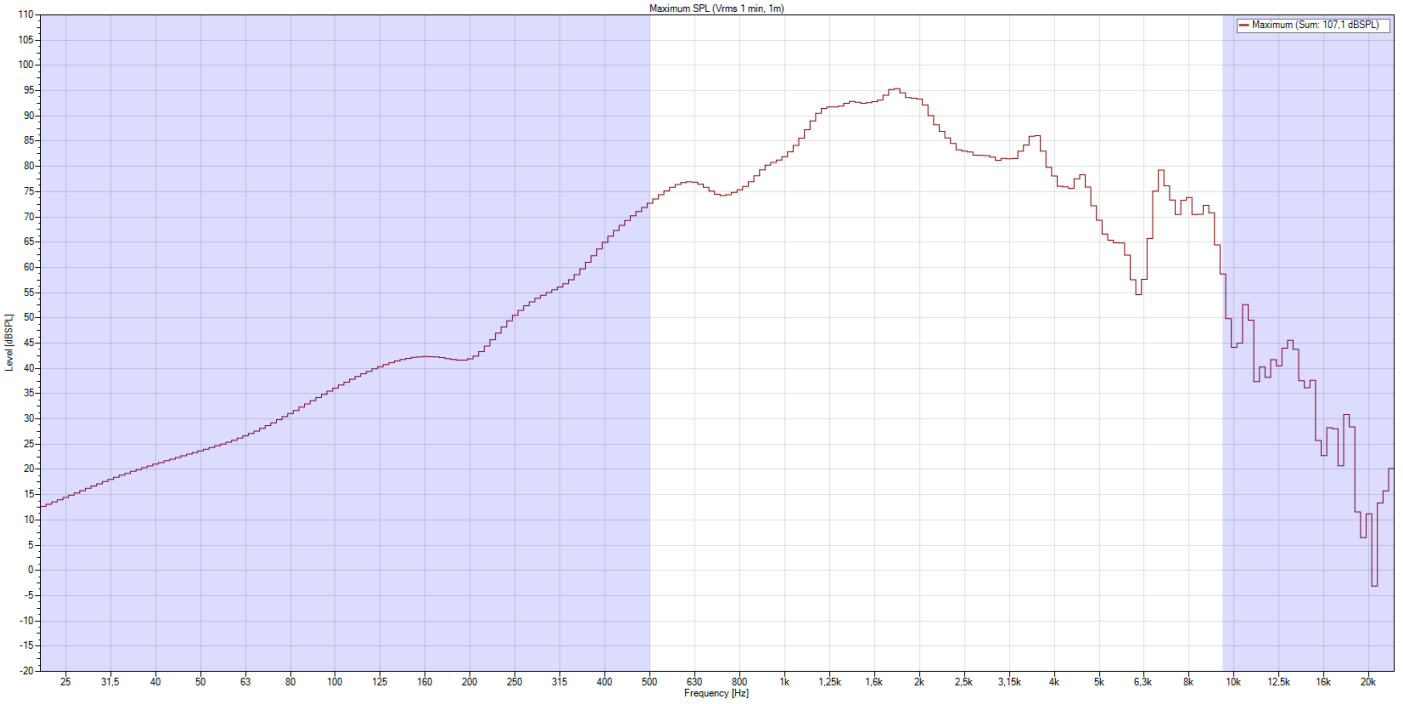


Frequency Response Diagram

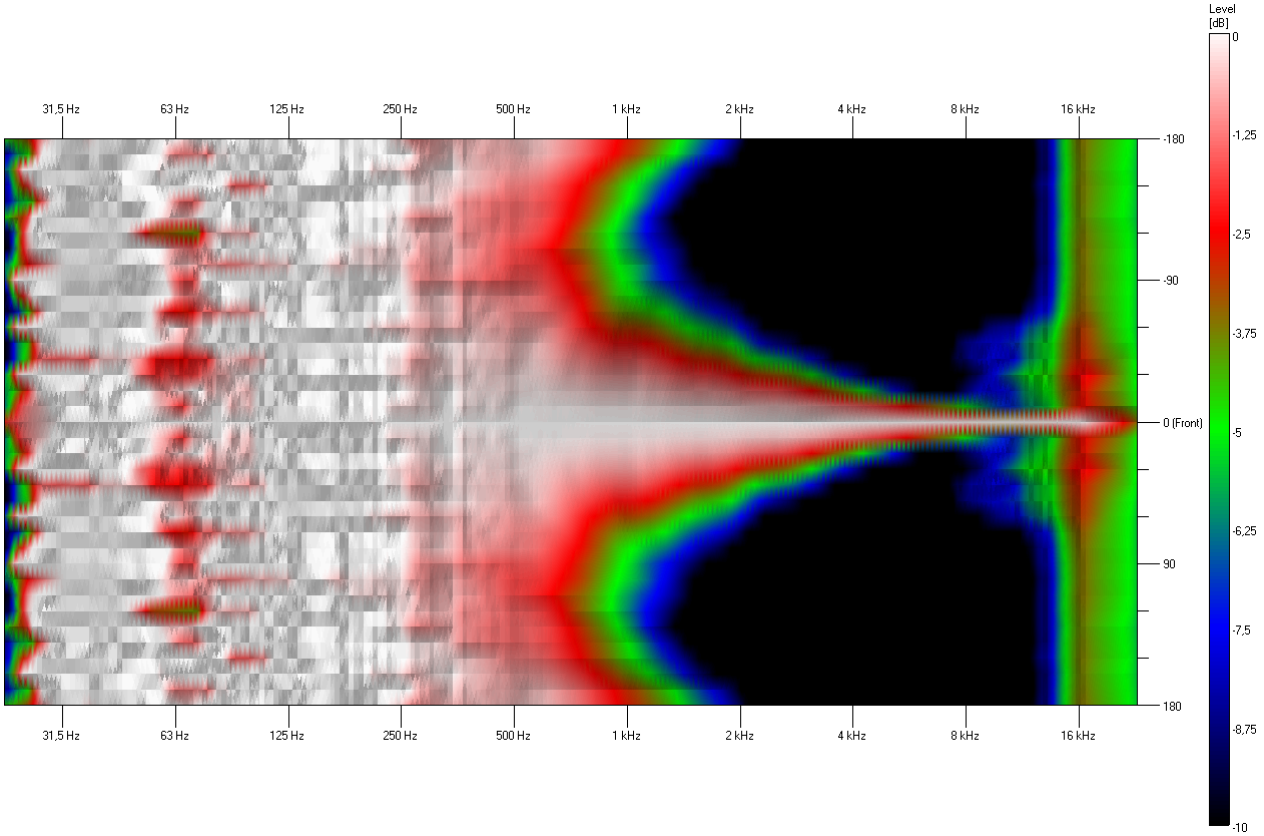
Sensitivity



SPL Max

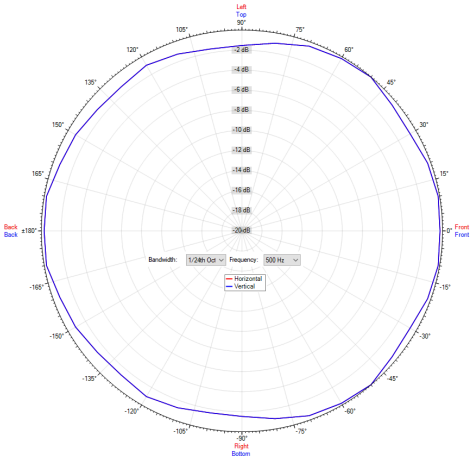


Isobar

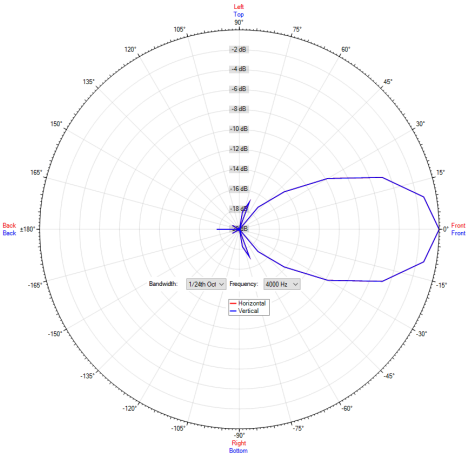

Level [dB]
0
-1,25
-2,5
-3,75
-5
-6,25
-7,5
-8,75
-10
31,5 Hz
63 Hz
125 Hz
250 Hz
500 Hz
1 kHz
2 kHz
4 kHz
8 kHz
16 kHz
-180
-90
0 (Front)
90
180

Polar Diagram

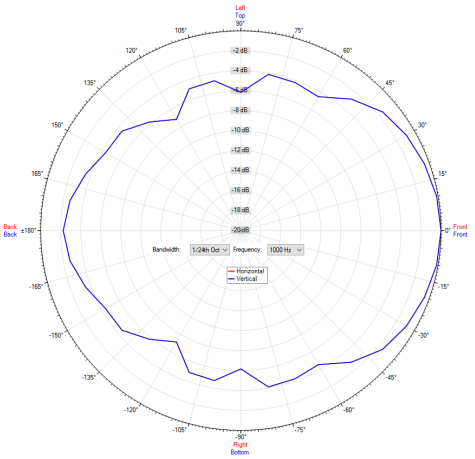
Polar Diagram 500Hz



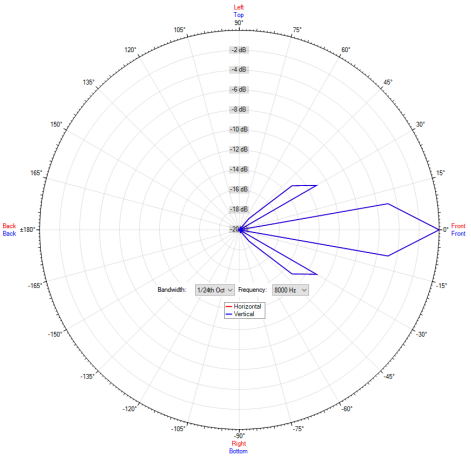
Polar Diagram 4000Hz



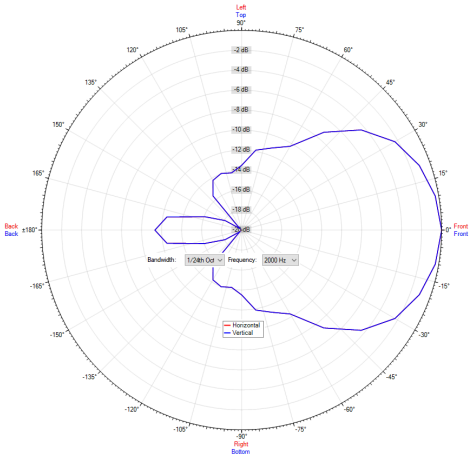
Polar Diagram 1000Hz



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)

Article No: 20258784
Packing Unit: 8

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