Operation, Installation and Maintenance Manual

DK-SF 30/T-PG MED

Horn speaker for marine application, 30W power,
certified MED/1.44b



Mechanical Data

Colour	RAL 7035
Dimensions	235x326 mm
Weight (net)	2,20 kg
Power	30/20/10/5 (20) W
Connector	ceramic block
Terminal Diameter	3,2 mm
Maximum Cable Passage	8 mm²
Mounting	mounting bracket

Environmental Category: Category B (IEC 60945 - Exposed Equipment)

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

Compass Safe Distance: min. 5 m
to prevent magnetic interference with navigational instruments

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Mounting Instruction

1. Mount the U-bracket on the ceiling with the appropriate screws for the surface.
2. If necessary, remove the speaker enclosure from the U-bracket.
3. Insert the loudspeaker cable through the cable entry of the previously removed rear wall of the housing.
4. Connect the loudspeaker cable to the terminals 100V and COM.
   If necessary, select a different power tapping.
5. Carefully reinsert the back panel into the housing.

EQ Settings

EQ Setting Frequency [Hz]	Relative level to 1000 Hz [dB]	EQ Setting Frequency [Hz]	Relative level to 1000 Hz [dB]	EQ Setting Frequency [Hz]	Relative level to 1000 Hz [dB]	EQ Setting Frequency [Hz]	Relative level to 1000 Hz [dB]
20	0	80	0	315	+12	1250	0
25	0	100	-12	400	+12	1600	-4
31,5	0	125	-12	500	+8	2000	0
40	0	160	-8	630	+4	2500	0
50	0	200	0	800	0	3150	0
63	0	250	+6	1000	0	4000	+8
80	0	315	+12	1250	0	5000	+12
100	-12	400	+12	1600	-4	6300	+12

To ensure uninterrupted operation of the public address and voice evacuation system during a fault condition, this loudspeaker is equipped with integrated short-circuit protection:
A Ceramic Terminal Block ensures high-temperature resistance and electrical isolation of the input connection.
A Thermal Fuse automatically disconnects the loudspeaker driver in the event of excessive heat (e.g., due to fire or driver failure), preventing a short circuit across the 100V line.
Do not bypass or remove the thermal fuse under any circumstances.

Ensure correct polarity when connecting to the ceramic terminal block. Verify the integrity of protection components during periodic maintenance.

CE
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CE-Symbol according to 93/68EWG
Measurements according to DIN IEC 268-5
RoHS compliant (2011/65/EU)

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MED certification
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