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PROFESSIONAL LOUDSPEAKERS

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T25M

DOME TWEETER

Preliminary Data Sheet

KEY FEATURES

- 1” (25,4 mm) aluminum voice coil
- Power handling: 20 W_{AES}
- Sensitivity: 88 dB (2,83 V_{RMS} / 1m)
- Extended frequency range: 1,5 - 30 kHz
- FEA optimized ceramic magnetic circuit and suspension
- Large Polymer-based surround for wide dispersion
- Reinforced Aluminium/Magnesium alloy dome
- Flared aluminium frontplate for controlled directivity
- Non-resonant aluminium rear chamber





TECHNICAL SPECIFICATIONS

Rated impedance	4 Ω
Minimum impedance	3,3 Ω
D.C. resistance	3,1 Ω
Power capacity [1]	20 W_{AES} above 2,5 kHz
Program power [2]	40 W above 2,5 kHz
Long term max. power [3]	200 W above 2,5 kHz
Sensitivity [4]	88 dB 2.83 V_{RMS}/ 1m
Resonant frequency, f_s	600 Hz
Frequency range	1,5 - 30 kHz

Recommended crossover	2,5 kHz or higher (12 dB/oct min.)	
Voice coil diameter	25,4 mm	1 in
Flux density		1,3 T
Bl factor		2,1 N/A

Notes:

[1] The power capaticty is determined according to AES2-1984 (r2003) standard.

[2] Program power is defined as power capacity + 3 dB

[3] Long term maximum power according to IEC268-5 18.2, with 2nd order HP Butterworth at 2,5 kHz

[4] Sensitivity was measured at 1m distance, on axis, with 2,83 Vrms input, averaged in the range 2,5 - 20 kHz

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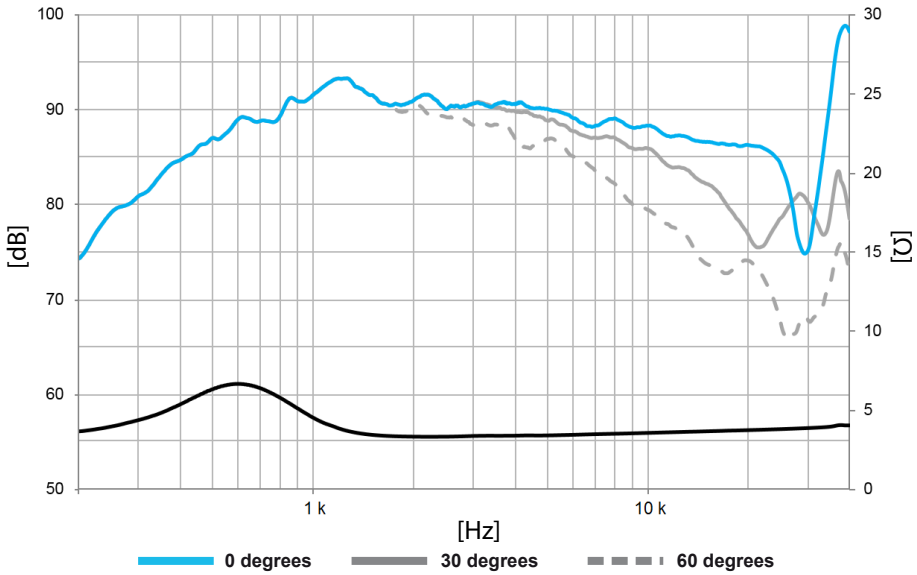
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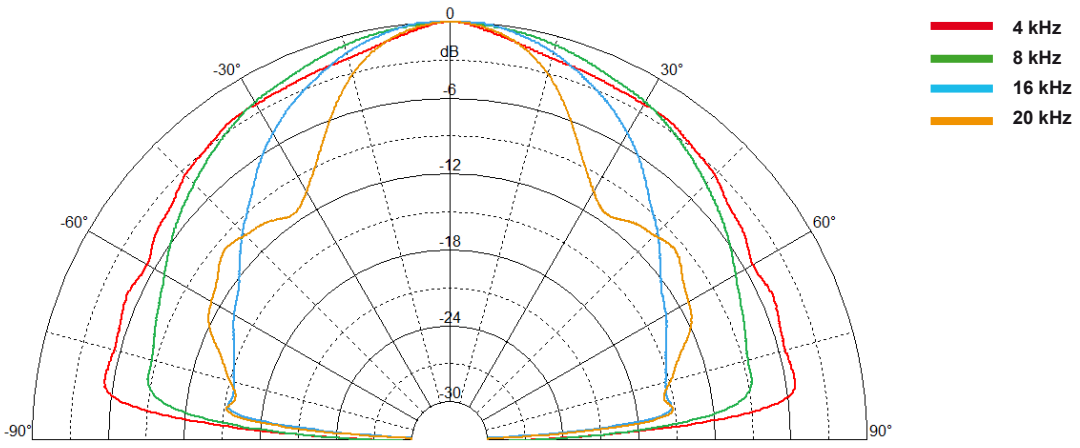
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Note: Frequency response measured with loudspeaker standing on infinite baffle in anechoic chamber at 2,83Vrms @ 1m

POLAR PATTERN



MOUNTING INFORMATION

Overall diameter	110 mm	4,33 in
Bolt circle diameter	98 mm	3,85 in
Baffle cutout dimensions	88 mm	3,46 in
Depth	44,8 mm	1,76 in
Net weight	0,6 kg	1,3 lb
Shipping weight	0,8 kg	1,8 lb

DIMENSION DRAWING

