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PROFESSIONAL LOUDSPEAKERS

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# TPL-75

## PLEATED DIAPHRAGM TWEETER

## KEY FEATURES

- Superior high frequency sound reproduction
- Extended frequency response (1 - 23 kHz)
- High sensitivity (92 dB)
- Extremely linear frequency response
- Extremely low distortion
- Designed for high quality studio monitoring and High-End sound systems

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Rated impedance** | 8 Ω |
| **D.C. resistance** | 4,9 Ω |
| **Power capacity** [1] | 40 $W_{AES}$ above 1,2 kHz |
| **Program power** [2] | 80 W above 1,2 kHz |
| **Sensitivity** [3] | 92 dB 1W / 1m @ $Z_N$ |
| **Frequency range** | 1 - 23 kHz |
| **Recommended crossover** | 1,2 kHz or higher (12 dB/oct min.) |

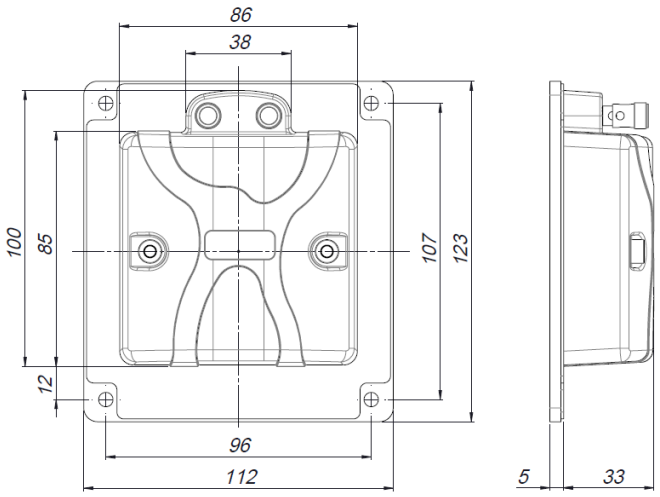





## MOUNTING INFORMATION

| | | |
|---|---|---|
| **Overall dimensions** | 123 x 112 x 38 mm | |
| | 4,8 x 4,4 x 1,5 in | |
| **Cutout dimensions** | 100 x 86 mm | |
| | 3,9 x 3,4 in | |
| **Mounting** | Four M5 holes | |
| **Net weight** | 0,7 kg | 1,5 lb |
| **Shipping weight** | 0,8 kg | 1,8 lb |

## DIMENSION DRAWING




**Notes**:

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

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

[3] Sensitivity was measured at 1m distance, on axis, with 1W input, averaged in the range 1 - 9 kHz

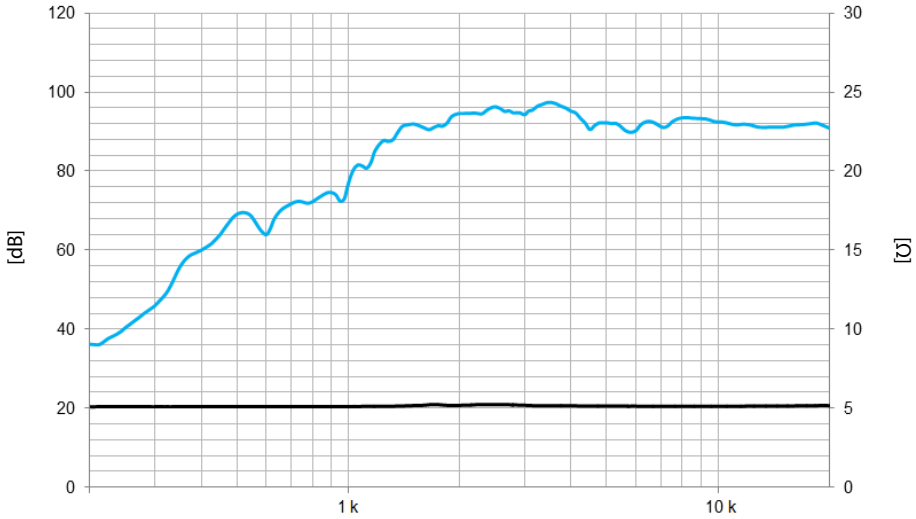
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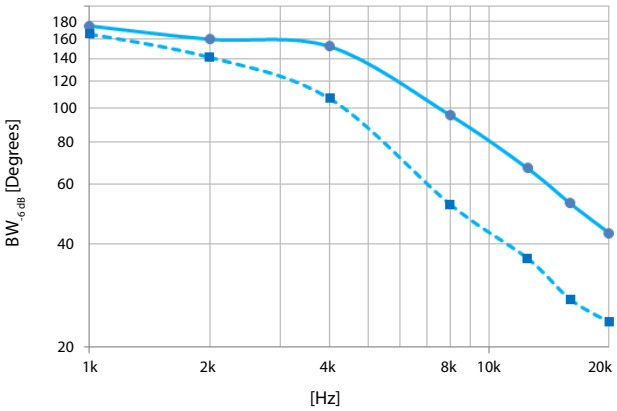
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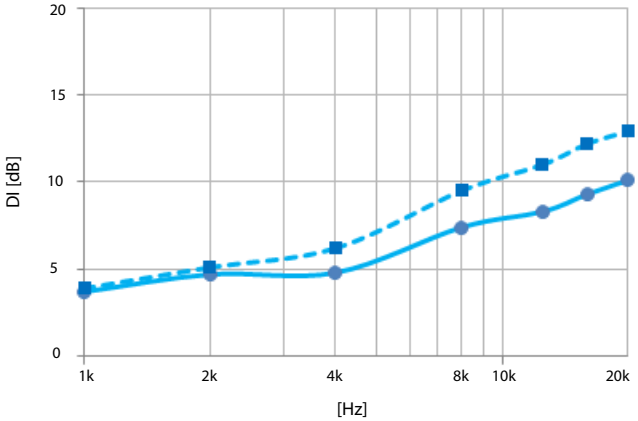

**Note:** On axis frequency response measured in anechoic chamber, 1W / 1m

## -6 dB BEAMWIDTH



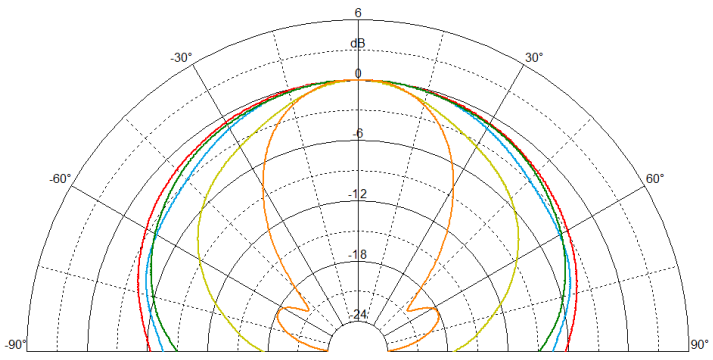

Horizontal Vertical

## DIRECTIVITY INDEX

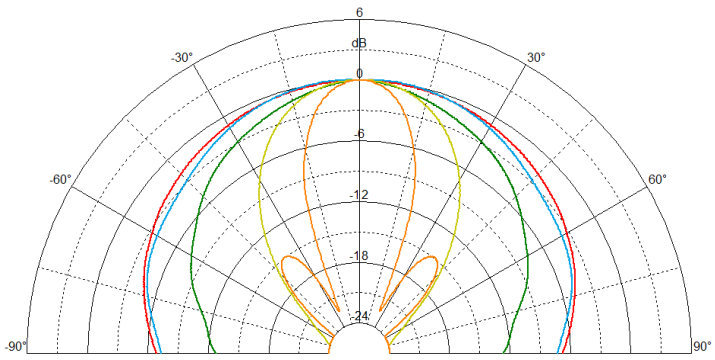



Horizontal Vertical

## HORIZONTAL POLAR PATTERN




## VERTICAL POLAR PATTERN




1 kHz 2 kHz 4 kHz 8 kHz 16 kHz

Acústica Beyma SL - P.I. Moncada II, C/ Pont Sec, 1C - 46113 Moncada, Valencia (Spain) - Tel. +34 96 130 13 75 - beyma@beyma.com

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