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PROFESSIONAL LOUDSPEAKERS
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# SG10

## LINE-ARRAY WAVEGUIDE

**Preliminary Data Sheet**

## KEY FEATURES

- Designed for compression drivers with 1,4” (36 mm) throat diameter
- Coverage angles of max. 120° in the horizontal plane and 10° in the vertical plane
- Precise directivity control in the band pass
- Heavy-duty reinforced polycarbonate construction
- F.E.M optimized for isophasic output and homogeneous SPL along the lenght of the rectangular mouth



## TECHNICAL SPECIFICATIONS

| | | |
|---|---|---|
| **Throat diameter** | 36 mm | 1,4 in |
| **Horizontal Coverage** | 120° Max | |
| **Vertical Coverage** | 10° | |
| **Directivity Index (DI)** | 13 dB | |
| **Frequency Range** | 0,5 - 20 kHz | |
| **Active Radiating Factor** | 96 % | |
| **Material** | Reinforced Polycarbonate | |

## MOUNTING INFORMATION

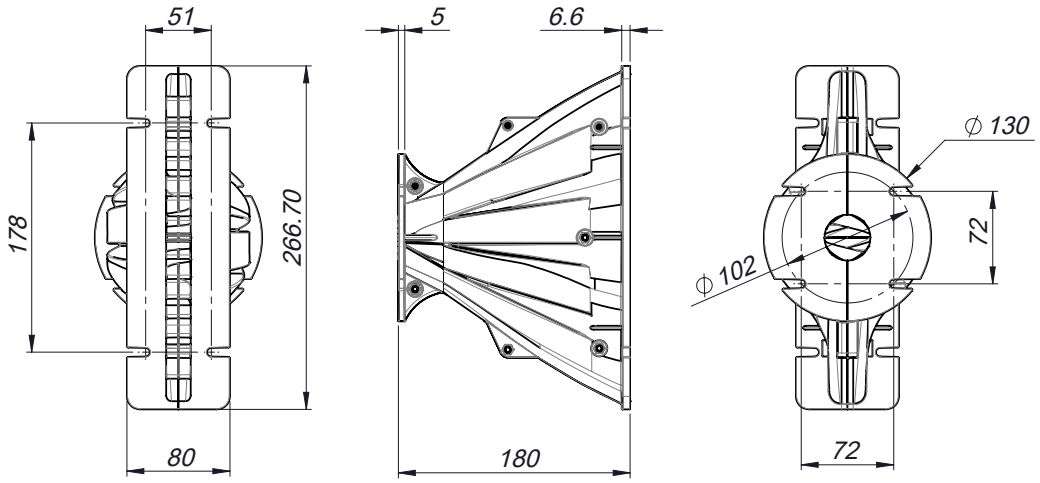
| | |
|---|---|
| **Dimensions (W x H x D)** | 80 x 270 x 185 mm |
| | 3,15 x 10,63 x 7.3 in |

**Compression driver mounting**

Four M6 holes, 90° apart on 101,6mm (4 in) diameter circle

| | |
|---|---|
| **Net weight** | 1,13 kg |
| **Shipping weight** | 1,35 kg |

## DIMENSION DRAWING




**Notes**:

Line/array waveguide measured with Beyma CD-314Nd/Ti compression driver.

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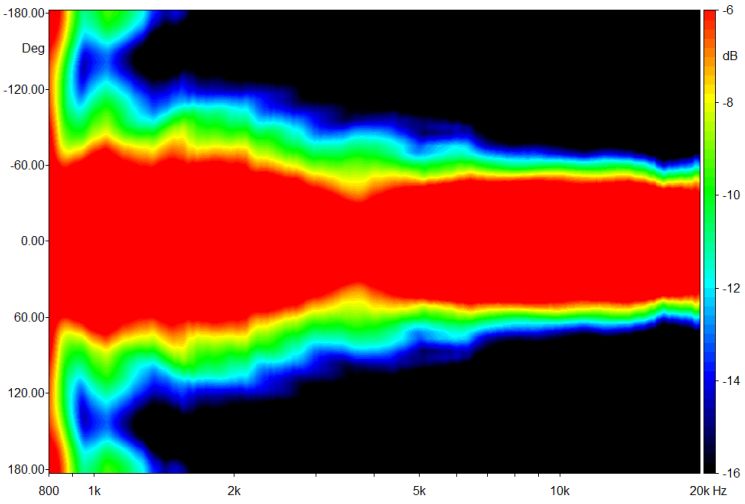
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## HORIZONTAL DIRECTIVITY MAP




## VERTICAL DIRECTIVITY MAP

