

### KEY FEATURES

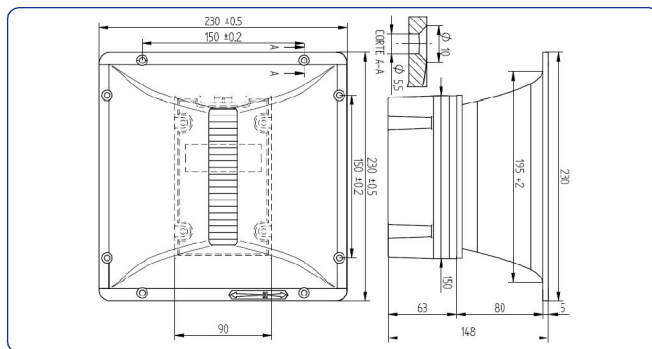
- Superior sound reproduction quality
- Extended frequency response (0.7 - 23 kHz)
- Coverage angles of 80° in the horizontal plane and 30° in the vertical plane
- High sensitivity (102dB)
- Extremely linear frequency response
- Low distortion
- Precise directivity control in the pass band

### TECHNICAL SPECIFICATIONS

<b>Rated impedance</b>	8 ohms
<b>D.C Resistance</b>	4.9 ohms
<b>Power capacity*</b>	80 w AES above 1 kHz
<b>Program power</b>	160 w above 1 kHz
<b>Sensitivity</b>	102 dB 1w @ 1m
<b>Frequency range</b>	0.7-23 kHz
<b>Recommended crossover</b>	1kHz or higher (12dB/oct. min)
<b>Horizontal beamwidth</b>	80°(+9°, -20°)
	(--6dB, 1.2-16 kHz)
<b>Vertical beamwidth</b>	30°(+27°, -21°)
	(--6dB, 1.2-16 kHz)
<b>Directivity factor (Q)</b>	27 (average 1.2-16 kHz)
<b>Directivity index (DI)</b>	13 dB (+6 dB, -4.5)
<b>Cutoff frequency</b>	800 Hz
<b>Overall dimensions (WxHxD)</b>	230X230X148 mm.
	9.05x9.05x5.8 in.
<b>Cutout dimensions (WxH)</b>	195x195 mm. 7.68x7.68 in.
<b>Net Weight</b>	2.90 kg. 6.39 lb.
<b>Shipping Weight</b>	3.25 kg. 7.16 lb.



### DIMENSION DRAWINGS

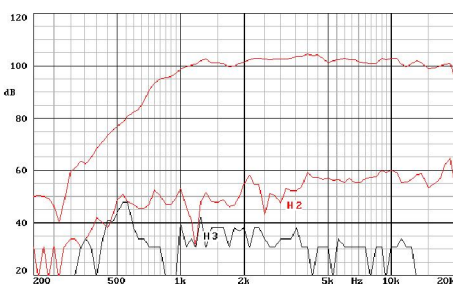


**Notes:**

\*The power capacity is determined according to AES2-1984 (r2003) standard. Program power is defined as the transducer's ability to handle normal music program material.

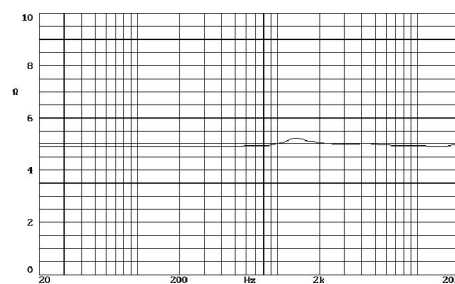
\*\*Sensitivity was measured at 1 m distance, on axis, with 1 w input, averaged in the range 2.5 - 20 kHz.

### FREQUENCY RESPONSE AND

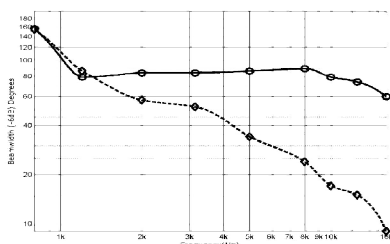


Note: on axis frequency response measured in anechoic chamber, 1w @ 1m.

### FREE AIR IMPEDANCE CURVE



### -6dB BEAMWIDTH



Note: Horizontal beamwidth is represented by heavy line. Vertical beamwidth is represented by the discontinuous line.

### DIRECTIVITY INDEX

