

# 100 OD6-T

## Product Data Sheet



Push spring terminal with silicone protection.



Power selector  
8Ω/100V/70V

### Key points

- Technical design, IP66 certified (water and dust)
- Ready-to-paint grille and cabinet
- 8 ohm/100V/70V mode by switch

### Finishes

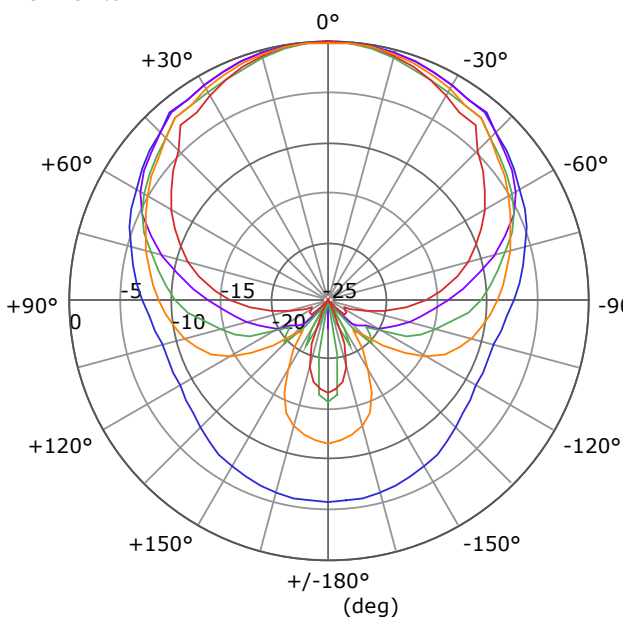


Type	Outdoor loudspeaker
<b>Speakers</b>	Aluminum inverted dome tweeter 6 1/2" (165mm) waterproof woofer with Polyglass treatment
<b>Sensitivity (2.83V/1m)</b>	87dB
<b>Frequency response (+/-3dB)</b>	65Hz-23kHz
<b>Low frequency point (-6dB)</b>	55Hz
<b>Power in 8Ω</b>	60W
<b>Power in 70V</b>	7.5W/15W/30W
<b>Power in 100V</b>	15W/30W/60W
<b>Recommended amp power</b>	20-120W
<b>Filtering frequencies</b>	2,800Hz
<b>Dimensions (LxPxH) with brackets</b>	8.8x10.1x12.6" (224x256x319mm)
<b>Net weight with brackets</b>	9lbs (4.1kg)

<b>8Ω</b>			
<b>70V</b>	7.5W	15W	30W
<b>100V</b>	15W	30W	60W

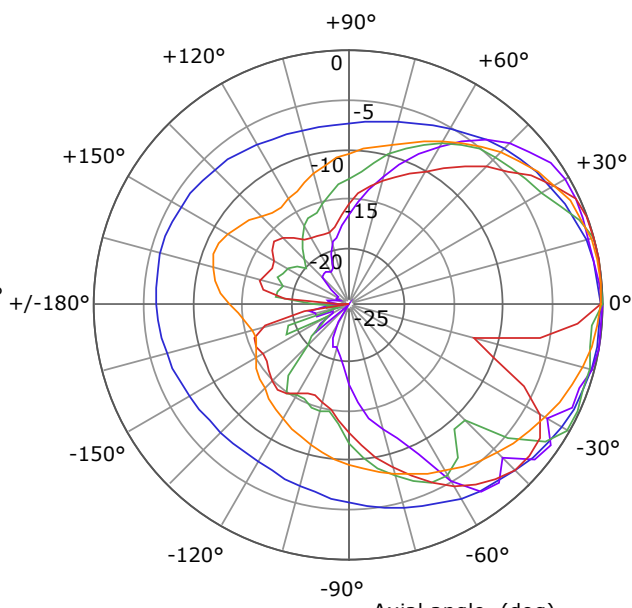
## Measurements Directivity

Horizontal



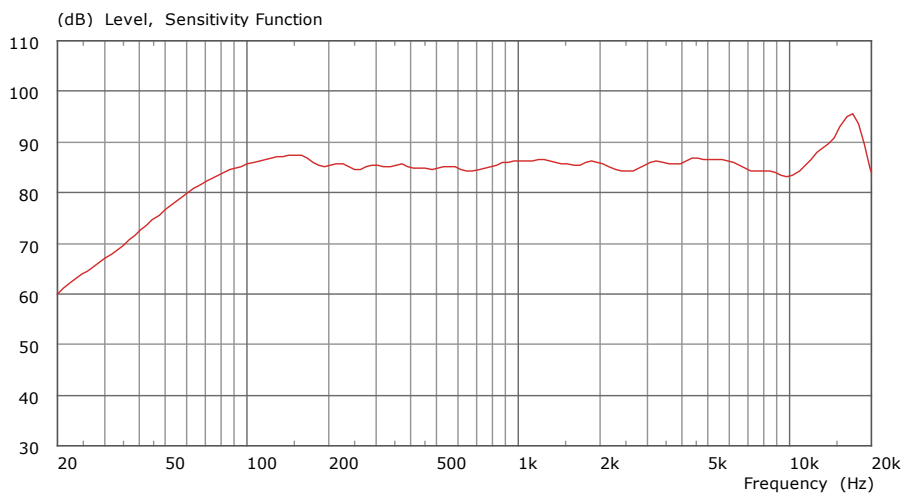
- Curve at: 500 Hz
- Curve at: 1 kHz
- Curve at: 2 kHz
- Curve at: 4 kHz
- Curve at: 8 kHz

Vertical



- Curve at: 493.5 Hz
- Curve at: 1 kHz
- Curve at: 2 kHz
- Curve at: 4 kHz
- Curve at: 8 kHz

## Frequency Response



## 100 OD6-T Speaker level Calculation Table

<b>Nominal sensitivity</b>	87dB						
<b>Power/Distance</b>	<b>1m</b>	<b>2m</b>	<b>5m</b>				
1W (2.83V)	87dB	81dB	73dB				
10W (8.94V)	97dB	91dB	83dB				
20W (12.6V)	100dB	94dB	86dB				
30W (15.5V)	102dB	96dB	88dB				
<b>Summary</b>	<b>125Hz</b>	<b>250Hz</b>	<b>500Hz</b>	<b>1kHz</b>	<b>2kHz</b>	<b>4kHz</b>	<b>8kHz</b>
<b>NPA (2.83V/1m)</b>	87dB	85dB	85dB	86dB	86dB	86dB	85dB
<b>Opening Angle at -6dB</b>	360°	360°	160°	160°	110°	140°	130°