100 OD6-T
Product Data Sheet

- **Type**: Outdoor loudspeaker
- **Speakers**:
  - Aluminum inverted dome tweeter
  - 6¼” (165mm) waterproof woofer with Polyglass treatment
- **Sensitivity (2.83V/1m)**: 87dB
- **Frequency response (+/-3dB)**: 65Hz-23kHz
- **Low frequency point (-6dB)**: 55Hz
- **Power in 8Ω**: 60W
- **Power in 70V**: 7.5W/15W/30W
- **Power in 100V**: 15W/30W/60W
- **Recommended amp power**: 20-120W
- **Filtering frequencies**: 2,800Hz
- **Dimensions (LxPxH) with brackets**: 8.8x10.1x12.6” (224x256x319mm)
- **Net weight with brackets**: 9lbs (4.1kg)

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

**Finishes**
- Fixed Aluminum grille, with rotating logo for vertical or horizontal installation.
- Aluminum fixing bracket with reinforced profile, notched fastening with 180 degree articulation.
- Aluminum inverted dome tweeter for excellent sound dispersion.
- 6¼” (16.5cm) bass-midrange with waterproof polypropylene cone and Polyglass treatment.
- Push spring terminal with silicone protection.
- Power selector 8Ω/100V/70V
Measurements Directivity

Frequency Response

100 OD6-T Speaker level Calculation Table

<table>
<thead>
<tr>
<th>Power/Distance</th>
<th>1m</th>
<th>2m</th>
<th>5m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1W (2.83V)</td>
<td>87dB</td>
<td>81dB</td>
<td>73dB</td>
</tr>
<tr>
<td>10W (8.94V)</td>
<td>97dB</td>
<td>91dB</td>
<td>83dB</td>
</tr>
<tr>
<td>20W (12.6V)</td>
<td>102dB</td>
<td>94dB</td>
<td>86dB</td>
</tr>
<tr>
<td>30W (15.5V)</td>
<td>102dB</td>
<td>96dB</td>
<td>88dB</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Summary</th>
<th>125Hz</th>
<th>250Hz</th>
<th>500Hz</th>
<th>1kHz</th>
<th>2kHz</th>
<th>4kHz</th>
<th>8kHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPA (2.83V/1m)</td>
<td>87dB</td>
<td>85dB</td>
<td>85dB</td>
<td>86dB</td>
<td>86dB</td>
<td>86dB</td>
<td>85dB</td>
</tr>
<tr>
<td>Opening Angle at -6dB</td>
<td>360°</td>
<td>360°</td>
<td>160°</td>
<td>160°</td>
<td>110°</td>
<td>140°</td>
<td>130°</td>
</tr>
</tbody>
</table>