

# Product Detail Page



## SPH-450TC

Number: 10.3270

**Subwoofer, 2 x 500 W<sub>MAX</sub>, 2 x 350 W<sub>RMS</sub>, 2 x 4 Ω**

- Dual voice coil bass speaker of highest power capability
- Incredible bass pressure from amazingly small cabinets
- Extensive ventilation of the voice coil
- High-quality inverse cone
- Gold-plated terminals
- Diecast
- Extra long excursion
- Double centering spider
- For professional and semiprofessional DJ and PA applications and for car hi-fi and home cinema applications of highest requirements



## Technical Facts

|                                |                          |
|--------------------------------|--------------------------|
| <b>Impedance (Z)</b>           | 2 x 4 Ω                  |
| <b>Resonant frequency (fs)</b> | 20 Hz                    |
| <b>Max. frequency range</b>    | f3-1,500 Hz              |
| <b>Music power</b>             | 2 x 500 W <sub>MAX</sub> |
| <b>Power rating (P)</b>        | 2 x 350 W <sub>RMS</sub> |
| <b>SPL (1 W/m)</b>             | 93 dB                    |
| <b>Suspension compl. (Cms)</b> | 0.22 mm/N                |
| <b>Moving mass (Mms)</b>       | 305 g                    |
| <b>Mech. Q factor (Qms)</b>    | 2.97                     |
| <b>Electr. Q factor (Qes)</b>  | 0.27                     |
| <b>Total Q factor (Qts)</b>    | 0.25                     |
| <b>Equivalent volume (Vas)</b> | 480 l                    |
| <b>DC resistance (Re)</b>      | 2 x 3.7 Ω / 1 x 7.4 Ω    |
| <b>Force factor (BxL)</b>      | 32.4 Tm                  |
| <b>Voice coil induct. (Le)</b> | 2 x 1.1 mH / 1 x 4.6 mH  |
| <b>Voice coil diameter</b>     | 99.3 mm                  |
| <b>Voice coil former</b>       | aluminium                |
| <b>Linear excursion (XMAX)</b> | ±12.9 mm                 |
| <b>Eff. cone area (Sd)</b>     | 1.250 cm <sup>2</sup>    |



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|---------------|--------|
| Magnet weight | 5.7 kg |
| Weight        | 17 kg  |

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