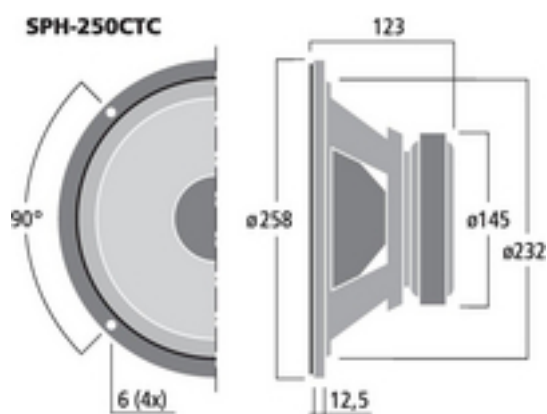
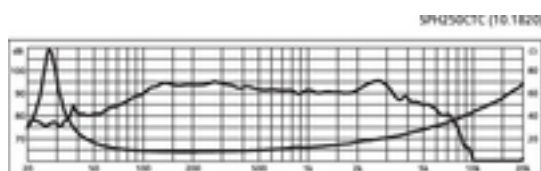


## SPH-250CTC - HiFi Woofer with Twin Coil



Hi-fi subwoofer, 2 x 100 W, 2 x 8 Ohm

- High-end speaker
- Diecast aluminium basket
- Dual voice coil
- Carbon fibre cone
- A preferred size for hi-fi subwoofers of highest quality in medium-sized bass-reflex cabinets or also for 3-way speakers

HOBBY HiFi 01/2017



“Dual voice coil for either 4 or 16 ohms. Due to very low mechanical loss, this speaker ensures a first-class sound performance.”

## Tekniset tiedot:

|   |                                 |
|---|---------------------------------|
| Impedance (Z)                             | : 2 x 8 Ohm                     |
| Transmission method                       | : -                             |
| Frequency range                           | : f3-3,500 Hz                   |
| Resonant frequency (fs)                   | : 20 Hz                         |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : -                             |
| Power rating (RMS)                        | : 2 x 100 W                     |
| Peak music power output (MAX)             | : 2 x 150 W                     |
| Sensitivity                               | : 91 dB/W/m                     |
| Max. rated SPL                            | : -                             |
| Max. voltage                              | : -                             |
| Radiation angle, horizontal               | : -                             |
| Radiation angle, vertical                 | : -                             |
| Suspension compl. (Cms)                   | : 0.98 mm/N                     |
| Moving mass (Mms)                         | : 70 g                          |
| Mech. Q factor (Qms)                      | : 5.12                          |
| Electr. Q factor (Qes)                    | : 0.26                          |
| Total Q factor (Qts)                      | : 0.25                          |
| Equivalent volume (Vas)                   | : 220 l                         |
| DC resistance (Re)                        | : 2.8 Ohm/3.4 Ohm               |
| Force factor (BxL)                        | : 9.60 Tm                       |
| Voice coil induct. (Le)                   | : 2.8 mH/1.0 mH                 |
| Voice coil diameter                       | : $\varnothing$ 50 mm           |
| Voice coil former                         | : Kapton                        |
| Linear excursion (X <sub>MAX</sub> )      | : $\pm$ 4.5 mm                  |
| Eff. cone area (Sd)                       | : 343 cm <sup>2</sup>           |
| Magnet weight                             | : 1.2 kg                        |
| Magnet diameter                           | : $\varnothing$ 145 mm          |
| Mounting cutout                           | : $\varnothing$ 232 mm          |
| Mounting depth                            | : 123 mm                        |
| Mounting hole diameter                    | : $\varnothing$ 243 mm          |
| Hole spacing X-axis                       | : 172 mm                        |
| Hole spacing Y-axis                       | : 172 mm                        |
| Dimensions                                | : $\varnothing$ 258 mm x 123 mm |
| Outside diameter                          | : $\varnothing$ 258 mm          |
| Width                                     | : $\varnothing$ 258 mm          |

|                       |           |
|-----------------------|-----------|
| Height                | : -       |
| Depth                 | : 123 mm  |
| Protective class      | : -       |
| Admiss. ambient temp. | : 0-40 °C |
| Weight                | : 3.8 kg  |
| Packing unit          | : 1       |
| Type of speaker       | : 10"     |