



## SPH-300KE

Order No.: 0102390

### PRODUCTINFOS

#### Top hi-fi bass speaker, 120 W, 8 $\Omega$

- Finely textured Kevlar fibre cone
- Diecast aluminium basket
- Drive of very long excursion
- A very deep bass reproduction in bass-reflex cabinets
- Clear pulsed reproduction and yet a deep bass reproduction in closed cabinets
- For any hi-fi and high-end application

#### HOBBY HiFi 04/2015

“Deep bass reproduction, level stability, wide bandwidth and low distortion: the SPH-300KE provides excellent results in every category ... a real all-rounder.”

### TECHNICAL SPECIFICATIONS

#### SPH-300KE

Impedance (Z)

8  $\Omega$

**SPH-300KE**

|                                |                               |
|--------------------------------|-------------------------------|
| Frequency range                | f3-2,200 Hz                   |
| Resonant frequency (fs)        | 22 Hz                         |
| Power rating (RMS)             | 120 W                         |
| Peak music power output (MAX)  | 200 W                         |
| SPL                            | 90 dB/W/m                     |
| Suspension compl. (Cms)        | 0.81 mm/N                     |
| Moving mass (Mms)              | 65 g                          |
| Mech. Q factor (Qms)           | 4.15                          |
| Electr. Q factor (Qes)         | 0.36                          |
| Total Q factor (Qts)           | 0.33                          |
| Equivalent volume (Vas)        | 250 l                         |
| DC resistance (Re)             | 6.2 $\Omega$                  |
| Force factor (BxL)             | 12.50 Tm                      |
| Voice coil induct. (Le)        | 1.5 mH                        |
| Voice coil diameter            | $\varnothing$ 65.5 mm         |
| Voice coil former              | glass fibre                   |
| Linear excursion ( $X_{MAX}$ ) | $\pm$ 6.5 mm                  |
| Eff. cone area (Sd)            | 496 cm <sup>2</sup>           |
| Magnet weight                  | 1.2 kg + 79 g                 |
| Magnet diameter                | $\varnothing$ 145 mm          |
| Mounting cutout                | $\varnothing$ 272 mm          |
| Mounting depth                 | 119 mm                        |
| Dimensions                     | $\varnothing$ 309 mm x 130 mm |
| Outside diameter               | $\varnothing$ 309 mm          |
| Width                          | $\varnothing$ 309 mm          |
| Depth                          | 130 mm                        |
| Colour                         | black/yellow                  |
| Admiss. ambient temp.          | 0-40 °C                       |
| Weight                         | 4.3 kg                        |
| Packing unit                   | 1                             |
| Type of speaker                | 12"                           |
| Packing dimensions (W x H x L) | 0.32 x 0.165 x 0.32 m         |
| Gross weight                   | 4.86 kg                       |
| Net weight                     | 4.3 kg                        |