

# 400-2000 EXC

**Bass drive unit.**



A high low register speaker of audiophile quality: the 400-2000 EXC offers very high quality of answer (speed and broad band) because it is built goshawks of the same membrane as 400-2000. Its advantage remains open the possibility of adjustment of these parameters thanks to a powerful engine electromagnetic. Adaptable of this fact to many enclosures, it requires an external power (ideal of 10 with 14V for 5A).

For the audiophiles in search of absolute, the 400-2000 EXC is available in silver coil version (99.99%).

## Mesurements curves

[Page 1-9V](#)

[Page 2-9V](#)

[Page 3-14V](#)

[Page 4-14V](#)

## 400-2000 EXC specifications

|                         |            |                             |                     |
|-------------------------|------------|-----------------------------|---------------------|
| Efficiency 1 W/1m at Fs | 90 à 99 dB | Power supply                | 0 à 13 Volts CC.    |
| Frequency response      | 23 à 4 kHz | Magnetic field              | 0 à 1.6 T           |
| Impedance               | 8 ohms     | Diameter HP                 | 404 mm              |
| Power max. RMS          | 120 W      | Frame thickness             | Alu 10mm            |
| Weight                  | 10.7 kg    | Diameter fixation holes     | 382 mm              |
| Suspension              | Toile      | Diameter drilling enclosure | 358 mm              |
| Resonance frequency     | 23 Hz      | Depth HP                    | 215 mm              |
| Linear excursion        | 10 mm      | Sd                          | 855 cm <sup>2</sup> |

## Thiele et Small parameters

|           |            |            |              |
|-----------|------------|------------|--------------|
| <b>Fs</b> | <b>Mms</b> | <b>Cms</b> | <b>Re DC</b> |
| 25 Hz     | 66 g       | 0.5        | 6.5          |

|                    |            |            |            |             |             |             |             |
|--------------------|------------|------------|------------|-------------|-------------|-------------|-------------|
| <b>Vcc</b>         | <b>5 V</b> | <b>7 V</b> | <b>9 V</b> | <b>11 V</b> | <b>13 V</b> | <b>14 V</b> | <b>15 V</b> |
| <b>Vas</b>         | 434        | 444        | 440        | 433         | 438         | 439         | 429         |
| <b>Qts</b>         | 1.011      | 0.598      | 0.431      | 0.309       | 0.236       | 0.215       | 0.195       |
| <b>Qe</b>          | 1.082      | 0.627      | 0.446      | 0.317       | 0.242       | 0.219       | 0.200       |
| <b>Qm</b>          | 15.349     | 13.531     | 12.801     | 11.490      | 10.060      | 9.935       | 9.334       |
| <b>BI</b>          | 8.381      | 10.879     | 12.964     | 15.496      | 17.626      | 18.491      | 19.596      |
| <b>SPL<br/>ref</b> | 91.5       | 94         | 95.4       | 96.8        | 98.1        | 98.7        | 99.1        |