# satori 




## FEATURES

- Vented aerodynamic cast aluminium chassis for optimum strength and low compression
- Proprietary cone material with EGYPTIAN PAPYRUS ${ }^{\text {TM }}$ fibres made in-house
- Soft low damping rubber surround for optimum transient response
- Advanced BIMAX spider for improved linearity
- Powerful optimized low distortion neodymium motor system
- Non-conducting fibre glass voice coil former for minimum damping
- Extended copper sleeve on pole piece for low inductance and reduced distortion
- CCAW voice coil for reduced moving mass
- Long life silver lead wires attached $180^{\circ}$ apart for improved stability
- Vented pole piece for reduced compression
- High piston to chassis diameter ratio
- Gasket and bolt hole protrusions for reduced coupling to speaker cabinet

Specs:

| Nominal Impedance | $8 \Omega$ | Free air resonance, Fs | 32.5 Hz |
| :--- | :--- | :--- | :--- |
| DC resistance, Re | $6.0 \Omega$ | Sensitivity $(2.83 \mathrm{~V} / 1 \mathrm{~m})$ | 89 dB |
| Voice coil inductance, Le | 0.20 mH | Mechanical Q-factor, Qms | 4.06 |
| Effective piston area, Sd | $158 \mathrm{~cm}^{2}$ | Electrical Q-factor, Qes | 0.36 |
| Voice coil diameter | 39 mm | Total Q-factor, Qts | 0.33 |
| Voice coil height | 19.4 mm | Moving mass incl.air, Mms | 17.9 g |
| Air gap height | 6 mm | Force factor, BI | 7.8 Tm |
| Linear coil travel (p-p) | 13.4 mm | Equivalent volume, Vas | 48 liters |
| Magnetic flux density | 1.1 T | Compliance, Cms | $1.35 \mathrm{~mm} / \mathrm{N}$ |
| Magnet weight (NEO) | 0.15 kg | Mechanical loss, Rms | $0.9 \mathrm{~kg} / \mathrm{s}$ |
| Net weight | 1.48 kg | Rated power handling* | 70 W |

* IEC 268-5, T/S parameters measured on drive units that are broken in.


