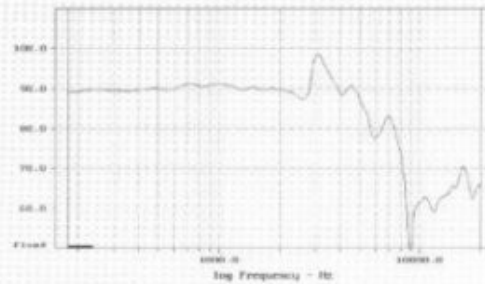


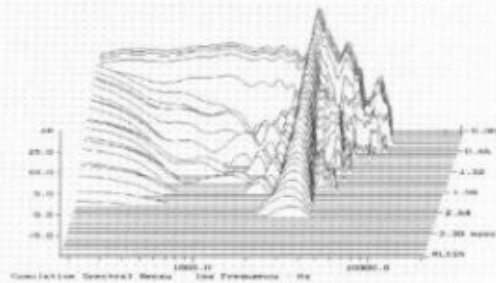


SOPHISTICATED LOUDSPEAKER TECHNOLOGY

Frequenzgang/Amplitude response



Zerfallsspektrum / Waterfall

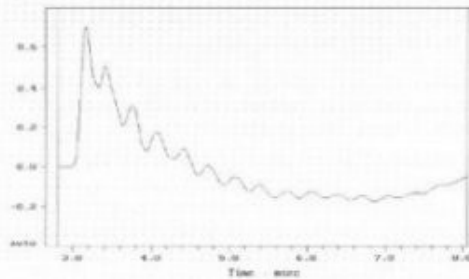


8-800/37HEX

8" 'state of the art' HEXACONE-woofer with excellent sound characteristics and outstanding pulse response

| | |
|--|-------------------------|
| Nennbelastbarkeit / Nominal power | 120 W |
| Impedanz / Nominal impedance | 8 Ω |
| Frequenzbereich / Frequency range | 31-1500 Hz |
| Empfindlichkeit / Sensitivity | 89 dB |
| Freiluftresonanz / Free air resonance | 31 Hz |
| Qts | 0,38 |
| Qms | 2,56 |
| Qes | 0,45 |
| Vas | 62,0 l |
| Gleichstromwiderstand / DC resistance | 5,5 Ω |
| Lineare Auslenkung / Linear excursion | 3,0 mm |
| BL Produkt / BL product | 8,6 N/A |
| Bewegte Masse / Moving mass incl. air | 30 g |
| Eff. Membranfläche / Effective cone area | 241 cm ² |
| Membranmaterial / Cone material | HEXACONE |
| Schwingspuleninduktivität / Voice coil inductivity | 0,69 mH |
| Schwingspulen-Ø / Voice coil Ø | 37 mm |
| Wickelhöhe / Voice coil height | 14 mm |
| Wicklungslagen / Number of layers | 2 |
| Trägermaterial / Former material | aluminum |
| Polplattendicke / Air gap height | 8,0 mm |
| Magnet-Ø / Magnet Ø | 102 mm |
| Magnethöhe / Magnet height | 20 mm |
| Luftspaltinduktion / Flux density | 1,0 Tesla |
| Korbmaterial / Chassis material | aluminum-diecast basket |
| Außen-Ø / Overall Ø | 228 mm |
| Einbau-Ø / Baffle cutout | 202 mm |
| Bauhöhe / Depth | 96 mm |

Sprungantwort / Step response



Simulation / Low Frequency alignment

