KOBALT active data sheet 2004

HIGH LIGHTS _

BI-Port TM

- Inteligent Vented Port System
 Airflow cooled Tweeter
- Exponential coupling (TweeterAir) · eliminates reflexions,
 - · minimizes distortion
- · Controlled dispersion pattern

ISO-Rails™

- · Isolates Cabinet from Ground
- · Anti slip mechanism

HDS Driver

- Polypropylene membrane Vented Coil System
- - Extrem low compression
 - ·Quick transient response
 - · Perfect coil cooling

2 identical 70W amplifiers

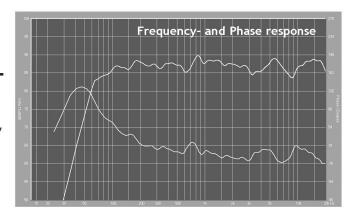
eliminate time related distortion

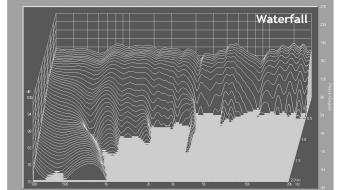
Digital "quick delivery" power supply cycles 2000 times faster

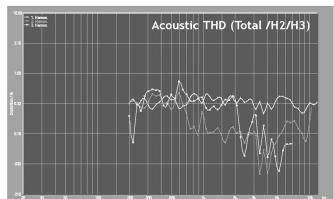
- hum canceling
- · Tight and accurate Low End

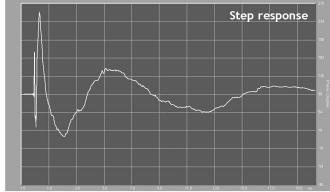
Level control

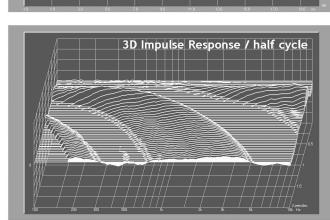
- Sensitivity adjustable
 -40 to + 10dB











SPECS_

SYSTEM

System design Construction / Speaker configuration Lower cut off frequency Upper cut off frequency Maximum output, sine wave (0,1-2 kHz) Maximum output, long term, (RMS) Maximum output, both speakers driven THD at 95dB SPL <100Hz THD at 95dB SPL >100Hz Bass-driver HF-driver Shielded Version Weight Dimensions (width/height/depth)

ELECTRONIC

Type of input connector Input impedance Input level adjustment Lowpass filter Highpass filter X-over frequency RMS output Bass-amp RMS output HF-amp Distortion at maximum acoustic output Signal to noise ratio, at full output Main voltage Type of Power supply Power consumption (full output)

Main Purpose

Listening distances Near field

2 way bass reflex one plus one 62 Hz (-3dB) 20 kHz (-2dB) 64-20.000 Hz (±3 dB) 106 dB 103 dB 112 dB 1,10% 0,60% 1 x 14cm , polyprophylen 25mm textile dome, Ferrofluid yes 5,6 Kg 170 x 270 x 250 mm

XLR, female - 6,3mm phone jack 10 kOhm 16 steps from 0,45 - 4,5V 40 Hz / 18dB 25 kHz / 6 dB 2.000 Hz (12dB/12dB) 70 W 0,10% 106 dB 115 / 230 V ±20% digital 120 W, 10 W stand by

60 - 250 cm

