

# KOBALT active data sheet 2004

## HIGH LIGHTS

### BI-Port™

- Intelligent 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	2 way bass reflex
Construction / Speaker configuration	one plus one
Lower cut off frequency	62 Hz (-3dB)
Upper cut off frequency	20 kHz (-2dB)
Frequency response (free field)	64-20.000 Hz (±3 dB)
Maximum output, sine wave (0,1-2 kHz)	106 dB
Maximum output, long term, (RMS)	103 dB
Maximum output, both speakers driven	112 dB
THD at 95dB SPL <100Hz	1,10%
THD at 95dB SPL >100Hz	0,60%
Bass-driver	1 x 14cm , polypropylen
HF-driver	25mm textile dome, Ferrofluid
Shielded Version	yes
Weight	5,6 Kg
Dimensions (width/height/depth)	170 x 270 x 250 mm

### ELECTRONIC

Type of input connector	XLR, female - 6,3mm phone jack
Input impedance	10 kOhm
Input level adjustment	16 steps from 0,45 - 4,5V
Lowpass filter	40 Hz / 18dB
Highpass filter	25 kHz / 6 dB
X-over frequency	2.000 Hz (12dB/12dB)
RMS output Bass-amp	70 W
RMS output HF-amp	70 W
Distortion at maximum acoustic output	0,10%
Signal to noise ratio, at full output	106 dB
Main voltage	115 / 230 V ±20%
Type of Power supply	digital
Power consumption (full output)	120 W, 10 W stand by

### Main Purpose

Listening distances	60 - 250 cm
Near field	x

