# OWL-SYSTEM active data sheet 2004

### HIGH LIGHTS \_

# ${\sf EmbracingSound^{TM}\,System}$

- Single Point Stereo Reproduction
- Incredible Imaging Quality
- Matched System
- Fully Compatible
  Pleasant Listening Area

#### 4 identical 100W amplifier

- Eliminates time related distortion
- Controlled damping

### **CARBON Woofer**

- 2 x 18cm Carbon/Paper membrane
  - Resonant free Cone

### SILK DOME Neodyme Tweeter

- 2 x 28mm silk dome
  - Superior transient response
  - ◆ 1000Hz X-Over FC

#### Level control

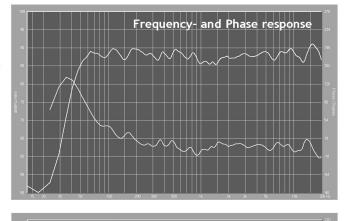
- Sensitivity adjustable-40 to + 10dB

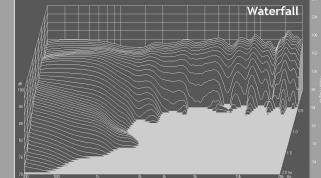
#### Low end control

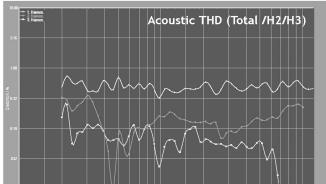
- Corrects Low end from -6 to +4 dB
  - Room compensation Corner/Wall placement Eq

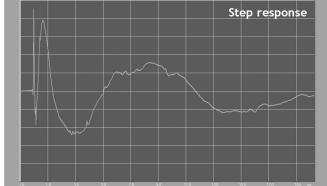
## High end control

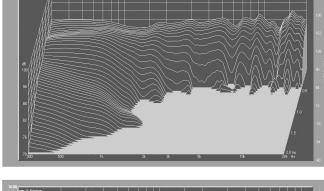
- Corrects High end from -4 to +4 dB
  - Room compensation
  - Adjustable (Listening taste)

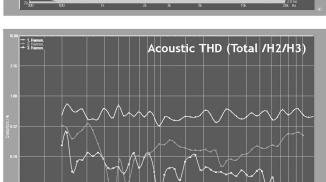


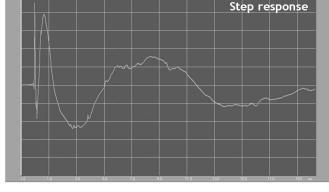












# €mbracingSound

2 channel, 2 way bass reflex

46 Hz (-3dB)

21 kHz (-3dB) 48-20.000 Hz (±2,0 dB) 111 dB

 $2 \times 18 \text{cm}$ , carbon

380 x 380 x 250 mm

16 steps from 0,45 - 4,5V 35 Hz / 18dB

1.200 Hz (12dB/12dB) 16 steps, -4dB - +4 dB 16 steps, -6dB - +8 dB

108 dB

118 dB

0,80%

0,35%

18,0 Kg

XLR, female

25 kHz / 6 dB

2 x 120 W

2 x 120 W

0,10%

102 dB

digital

10 kOhm

one plus one / EmbracingSound™

 $2 \times 28$ mm silk dome, Ferro fluid

## 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 HF-driver level control Low frequency control 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)

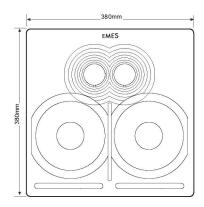
#### Main Purpose Listening distances

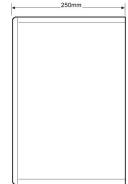
Near field Mid field Main Monitor

120 - 350 cm x with AMBER HR

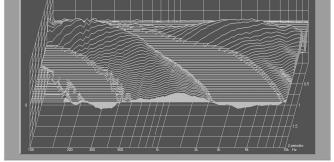
115 / 230 V ±20%

320 W, 20 W stand by









3D Impulse Response / half cycle