# AMBER HR active data sheet 2004

## HIGH LIGHTS \_

## 10" Fiberglas Woofer

 Dual Coil Long excursion driver • +/- 16mm membrane excursion

#### 2x160W amplifier

- Eliminates time related distortion
  controlled damping

### 3 channel IN/OUT (XLR)

- Balanced / unbalanced
   L/C/R IN/OUTs

  - 3 channel filtered/by-passed

### By-Pass function via remote

- Sub-Woofer by-pass
- Satellites filtered / or full range

#### Level and Phase control

- Sensitivity adjustable and Phase
   -40 to + 10dB

  - from 0 to 360 degree (12 steps)

- 80/150 Hz X-Over crossing

   80Hz for single Subwoofer

   80/150Hz for modumo™ -application

# SPECS -

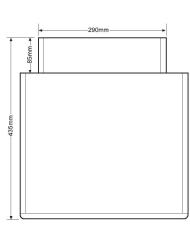
SYSTEM AMBER HR System design Dual coil long excursion bass reflex Lower cut off frequency 28 Hz (-3dB Frequency response (free field) 28-2.000 Hz (±3dB Maximum output, sine wave 118 dB Maximum output, long term, (RMS) THD at 95dB SPL <100Hz 115 dB 1,60% THD at 95dB SPL >100Hz 0,50% Bass-driver  $1 \times 25 cm$  , fibreglass Shielded Version no Weight 32,2 Kg 380 x 480 x 450 mm Dimensions (width/height/depth)

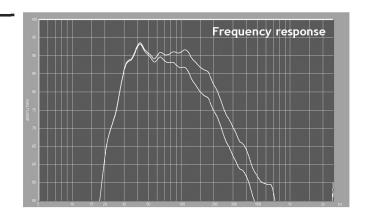
#### ELECTRONIC

Type of input connector 3 x XLR, female (L/C/R) Type of output connector  $3 \times XLR$ , male(L/C/R) Input impedance 10 kOhm 32 steps from 0,45 - 4,5V 20 Hz / 18dB Input level adjustment Low pass filter 80 / 150 Hz X-over frequency X-over bypass / woofer mute yes 0/180 Phase polarity (degree) Phase control (degree) 30/60/90/120/150 RMS output Bass-amp 2x160 W Distortion at maximum acoustic output 0,40% Signal to noise ratio, at full output 102 dB 115 / 230 V ±20% Main voltage Type of Power supply Analogue 340 W, 25 W stand by Power consumption (full output)

### Main Purpose

Listening distances 100 - 450 cm Near field Mid field Main monitoring





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