

BLACK tv HR active data sheet 2004

HIGH LIGHTS

2 identical 100W amplifier
eliminates time related distortion

digital "quick delivery" power supply
cycles 2000 times faster
hum canceling
Tight and accurate Low End

COAX Driver
17cm Polypropylen membrane
25mm Textile Neodymium dome
Superior transient response
ZERO Phase difference
Magnetically shielded (tv)

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)

SPECS

SYSTEM

System design	2 way bass reflex
Construction / Speaker configuration	coaxial
Lower cut off frequency	40 Hz (-3dB)
Upper cut off frequency	21 kHz (-3dB)
Frequency response (free field)	42-20.000 Hz ($\pm 2,5$ dB)
Maximum output, sine wave (0,1-2 kHz)	109 dB
Maximum output, long term, (RMS)	106 dB
Maximum output, both speakers driven	115 dB
THD at 95dB SPL <100Hz	0,90%
THD at 95dB SPL >100Hz	0,40%
Bass-driver	1 x 17cm , polypropylen
HF-driver	25mm textile dome, neodyme
Shielded Version	yes
Weight	7,8 Kg
Dimensions (width/height/depth)	210 x 380 x 250 mm

ELECTRONIC

Type of input connector	XLR, female
Input impedance	10 kOhm
Input level adjustment	16 steps from 0,45 - 4,5V
Lowpass filter	30 Hz / 18dB
Highpass filter	25 kHz / 6 dB
X-over frequency	1.500 Hz (18dB/12dB)
HF-driver level control	16 steps, -4dB - +4 dB
Low frequency control	16 steps, -6dB - +8 dB
RMS output Bass-amp	120 W
RMS output HF-amp	120 W
Distortion at maximum acoustic output	0,10%
Signal to noise ratio, at full output	106 dB
Main voltage	115 / 230 V $\pm 20\%$
Type of Power supply	digital
Power consumption (full output)	150 W, 10 W stand by

Main Purpose

Listening distances	40 - 300 cm
Near field	x
Mid field	x with AMBER HR

