

## CD - Cassette - Receiver K 5



The K5 is a complete Hi-Fi system based on the richly appointed pre-amplifier of the K1, 4 output stages, one of the world's finest analogue tuners, a CD player of the latest generation and a high-quality cassette deck - all this in a case just 8 cm high. The pre-amplifier offers a wide range of sockets and operational facilities ranging from the tape deck with background control, via the ACE module, a timer module with alarm function, to an additional pre-amplifier AUX input. The sensitivity of this input is variable, allowing you to balance out differences in volume between different source devices. A digital volume control system is fitted, offering a range of 63 discrete increments. The volume of the loudspeaker pairs A and B can either be controlled together or independently, which is a highly practical feature where the second pair are in an adjacent room.

### Connection elements

Loudspeakers	2 pairs, each with own output stages
1 headphone	Jack socket on the front panel, with own headphone output stage
Aerial	75 Ohm for domestic aerial or cable connection
RC-in	Socket for additional remote control receiver (adjacent room)

### Specifications

#### Amplifier section

<i>External inputs</i>	Aux
<i>Input sensitivity</i>	Aux: variable 250 mV – 850 mV
<i>Record output</i>	600 mV, 150 Ohm

#### Output power

Sine wave / peak output	
<i>Sp_A 4 Ohm</i>	2 x 60 / 2 x 100 Watts
<i>8 Ohm</i>	2 x 45 / 2 x 70 Watts
<i>Sp_B 4 Ohm</i>	2 x 60 / 2 x 100 Watts
<i>8 Ohm</i>	2 x 45 / 2 x 70 Watts
<i>Total harmonic distortion</i>	< 0,02 %
<i>Frequency response</i>	2 Hz – 150 kHz

#### Tuner section

<i>Tuning range</i>	87,5 – 108 MHz
<i>Input stage</i>	Dual Gate MOS-FET, regulated

*Sensitivity*

<i>Mono, S/N = 26 dB</i>	0,9 uV
<i>Stereo, S/N = 46 dB</i>	33 uV
<i>Overload margin</i>	> 110 dB uV
<i>Tuned RF stages</i>	4
<i>Tuning system</i>	Quartz PLL
<i>Selectivity (f = 300 kHz)</i>	70 dB
<i>Stereoi crosstalk attenuation</i>	> 40 dB
<i>Total harmonic distortion</i>	< 0,1 %
<i>Signal: noise ratio (A-weighted)</i>	
<i>(mono/stereo)</i>	>73 / 68 dB
<i>Frequency response</i>	10 Hz – 15 kHz
<i>RDS function</i>	Station name, Radiotext

**CD player**

<i>Mechanism</i>	Linear drive, 3-beam LDGU optics
<i>Frequency response</i>	2 Hz – 20 kHz
<i>Total harmonic distortion</i>	< 0,005 %
<i>Signal: noise ratio (A-weighted)</i>	96 / 105 dB
<i>Effective system dynamic range</i>	94 dB
<i>Oversampling</i>	8-times, FIR digital filter
<i>D/A converter system</i>	Sigma/Delta, 24-bit resolution
<i>Digital output</i>	SP-DIF, Coax 0,5 V / 75 Ohm

**Cassette recorder**

<i>Tape mechanism</i>	High-quality metal auto-reverse tape mechanism with three metal flywheels and low-wear revolver head mechanism
<i>Signal processing</i>	Dolby B noise reduction, HX-Pro Headroom extension, switchable MPX filtering 19 and 38 kHz
<i>System</i>	4-track, 2 channel stereo, 2 heads
<i>Frequency response</i>	
<i>- 20 dB below Dolby metal</i>	15 – 20000 Hz
<i>chrome</i>	15 – 18000 Hz
<i>ferric</i>	15 – 17000 Hz
<i>Signal: noise ratios (A-weighted)</i>	
<i>Chrome 400 Hz, 0 dB</i>	
<i>Dolby B</i>	> 68 dB
<i>Normal</i>	> 58 dB
<i>Erase frequency</i>	105 kHz
<i>Erase efficiency</i>	> 75 dB
<i>Wow and flutter</i>	< 0,08 %
<i>Distortion 1 kHz, -10 dB</i>	< 0,3 %
<i>Channel separation</i>	> 45 dB
<i>Input sensitivity</i>	100 mV
<i>Nominal output voltage</i>	0,745 V eff, 47 Ohm
<i>Case</i>	1,5 mm steel case with solid aluminium front

and aluminium cover, removable solid wood  
or high gloss end panels

*Finishes* Eloxided silver, eloxided black

*Special finishes* High-gloss chrome

*End panels* Black elox, silver elox

*Special finishes*

*Dimensions (height x width x depth)* 8 x 62 x 32 cm

*Weight* 13 kg

*Mains supply* 220 – 230 V, 50 – 60 Hz

*Power consumption, max.* 300 VA

*Stand-by* 2,5 VA

*Standard accessories* Remote control F1

*We reserve the right to alter technical  
specifications*