

CD Receiver K 1



The unit contains a generously featured pre-amplifier, 4 output stages, one of the world's finest analogue tuners and a CD player of the latest generation. 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 be controlled either together or independently, which is a highly practical feature where the second pair are located in an adjacent room. The unit also features a separate output for an active sub-woofer.

Connection elements

Loudspeakers	2 pairs, each with own output stage and 1 active sub-woofer output
1 headphone	Jack socket on 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

External inputs	Tape, Aux,
Input sensitivity	Tape: 600 mV Aux: variable 250 mV – 850 mV
Record output	600 mV, 150 Ohm

Output power

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

Tuner section

Tuning range	87,5 – 108 MHz
Input stage	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

Tuning system Quartz-PLL

Selectivity (f = 300 kHz) 70 dB

Stereo crosstalk attenuation > 40 dB

Total harmonic distortion < 0,1 %

Signal: noise ratio (A-weighted)

(mono/stereo) >73 / 68 dB

Frequency response 10 Hz – 15 kHz

RDS-function Station name, Radiotext

CD player

Mechanism Linear driver, 3-beam LDGU optics

Frequency response 2 Hz – 20 kHz

Total harmonic distortion < 0,005 %

Signal: noise ratio (A-weighted) 96 / 105 dB

Effective system dynamic range 94 dB

Oversampling 8-times, FIR digital filter

D/A converter system Sigma/Delta, 24-bit resolution

Digital output SP-DIF, Coax 0,5 V / 75 Ohm

Case 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 49 x 32 cm

Weight 9 kg

Mains supply 220 – 230 V, 50 – 60 Hz

Power consumption, max. 300 VA

Stand-by 2,5 VA

Standard accessories Remote control F11

We reserve the right to alter technical specifications