



technical highlights inspiration C6m

- separate power supplies for preamp section and power amplifier
- 4 line inputs (RCA-Cinch)
- 1 tape monitor, 1 processor in- / out
- 2 digital in- / outputs optical and coaxial
- parametric loudness function, tone control, bass boost (bypassed by relay if not in use)
- low impedance speaker output can drive down to 2 Ohms, high efficiency poweramp technology
- upsampling to 96 kHz / 24 bits, quartz stabilized clock with extremely low jitter
- FM RDS tuner with radiotext (receiver, CD receiver only)
- remote controllable by infrared (RC3 included)
- numerous additional functions accessible by menu (sensitivity, sourcenames etc.)
- cases available in silver or black aluminum

Technical data inspiration C6m

Amplifier

Sensitivity	0,033 – 0,56 V
Input impedance	10 kOhms
S/N ratio	96 dB(A)
Frequency response	1 Hz - < 100 kHz
Rise time	<2 µs
THD+N @25 W/4 Ohms	<0,015 %
Damping factor	>150
Output power into 8 Ohms	2 x 65 Watts
Output power into 4 Ohms	2 x 90 Watts
Output power into 2 Ohms	2 x 125 Watts

Tuner

Frequency range	87,5 – 108,0 MHz
Tuning step	50 kHz
Sensitivity (mono / stereo)	1,5 µV / 50 µV
S/N ratio (mono / stereo)	73 / 68 dB(A)
THD+N mono / stereo)	0,1% / 0,3%
Channel separation	55 dB

CD

Formats	CD-Audio, CDR
Upsampling	96 kHz / 24 Bit
Frequency response	20 Hz – 20 kHz
Deemphasis	automatisch
Digital-inputs (S/PDIF, TOSLINK)	33–96 kHz / 16–24 Bit
Digital-outputs (S/PDIF, TOSLINK)	44,1 kHz / 16 Bit or input format

Power consumption

Standby	1 W
max.	220 W

Power supply

(Upon request)	AC 230V / 50Hz
	AC 115 V / 50/60 Hz)

Dimensions (W x H x D)

	330 x 90 x 345 mm
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Weight

9 kg