

EVOLUTION C9

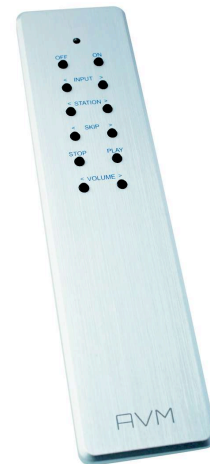
CD-Receiver with 2 x 300 Watt

AVM
AUDIO VIDEO MANUFAKTUR



EVOLUTION C9 in brief:

- High Power output stages 300W/channel
- Power supply with minimized leak-field and ultra low stand-by
- PureCD drive with slot-in, suspended mounting
- FM-RDS-tuner
- 4 Line inputs
- 1 phono input (MM & MC)
- 1 processor In/Out, Pre out
- 3 digital inputs (SPDIF, optical, USB-Input operates without driver installation)
- Signal processing in all digital inputs applying 192 kHz / 24 Bit upsampling
- 2 digital outputs (SPDIF, optical)
- Tone control and parametric loudness with bypass-mode
- Remote controllable, solid aluminum easy-to-use remote control included
- External control via RS 232, IR input via external optional receiver
- Numerous setup functions (i.e. adjustable input sensitivity, individual input naming etc.)
- Available finishes: Aluminum silver or black, Chrome front available as an option
- Streaming function as optional module (start of production middle of 2011)



Premium musical quality, design as a true synthesis of elegance and functionality and intuitive handling are our benchmarks when creating hi-fi components. The perfect finish of the aluminum case expressly underlines the tonal quality of the built-in electronic circuitry.

The C9 is a very versatile musicsystem which combines a very powerful amplifier with the built-in sources CD and FM tuner and offers a large variety of additional inputs: Four line inputs, phono input, 3 digital inputs (including USB DAC). Active subwoofer may connect to the processor in/out. Comfortable menu functions allow an individual configuration of the C9 according to your personal likings (input names, sensitivity) etc.). The sophisticated handling concept makes it easy to use. This way the C9 will provide pure, long lasting joy of listening at all times.

Technologically the C9 sparks all options for connecting other components. It is also well prepared for I-Pod & Co. Various Options for Home Automation Controls (i.e. Control4, Crestron etc.) are in place in order to use the C9 in custom installation environments.

The power output stages easily handle large loudspeakers and drive them at all volume levels. Two speaker pairs may be operated and switched individually. Cutting edge technology is also applied with the digital signal processing applying AVM proprietary circuitries. All incoming digital signals are converted to 192kHz/24bit and are being processed from this format. The PureCD Slot-in drive is mounted suspended and insulated from footfall and other influences.

Like all AVM hi-fi components the C9 is carefully developed and assembled by our engineers in Malsch, Germany. Our vendors for housing and most electronic parts reside all near-by. This proximity helps us to easily ensure and maintain superb quality level of the supplied parts for the AVM hi-fi components made of these.

During the manufacturing process we perform repeatedly numerous tests to insure the absolute quality of our products. When the assembling is finished and the first inspection is done all units must pass a run in test in order to prove their reliability. After that a careful final inspection follows before packing & shipping. All this ensures creating a perfect product from AVM for our customers.

Technical Data EVOLUTION C9

Amplifier

Sensitivity line	12,5 mV – 125 mV
Sensitivity phono	40 µV – 400 µV
Input impedance line	6,8 kΩ
Input impedance phono	47 kΩ / 100 pF
SNR line	96 dB(A)
SNR phono	83 dB(A)
Channel separation	55 dB
Frequency range	<5 Hz - > 50 kHz
Dist. 25 W/4 Ω	<0,1 %
Damping factor	>400
Rated power into 4 Ω	2 x 300 Watt
Rated power into 8 Ω	2 x 180 Watt
Speakers A+B	

Tuner

Frequency range	87,5 – 108,0 MHz
Trim Steps	50 kHz
Sensitivity (mono / stereo)	1,5 µV / 50 µV
SNR (mono / stereo)	73 / 68 dB(A)

CD, digital in/out

Formats	CD-Audio, CD-R
Upsampling	192 kHz / 24 Bit
Frequency range	<5 Hz – 20 kHz
Deemphasis	yes, automatically
Digital-Inputs (S/PDIF, TOSLINK)	33–192 kHz / 16–24 Bit
USB-Input	up to 48 kHz / 16 Bit
Digital-Output (S/PDIF, TOSLINK)	44,1 kHz / 16 Bit or input format

Miscellaneous

Power consumption max.	900 W
Standby	<1 W
Voltage	230V/50Hz
Measurements (W x H x D)	430 x 130 x 370 mm
Weight	8 kg
Warranty	3 years