AVM

AUDIOPHILE MASTERPIECES
SINCE 1986

INSPIRATION CS 5.2

Compact Streaming CD-Receiver
with 2 x 330 Watts

Product Information

EVOLUTION CS 5.2

Compact Streaming CD-Receiver with 2 x 330 Watts

EVOLUTION CS 5.2 in brief

- 4 Line inputs, 1 Phono input (MM & MC)
- 1 Pre Out, 1 Line Out
- 3 Digital inputs (SPDIF, opt., synchronous USB- input)
- Pure CD drive with Slot-in, spring mounted
- Supported HiFi streaming services: TIDAL, Qobuz
- Supported media server: UPnP 1.1, UPnP-AV and DLNA-compatible server, Microsoft Windows Media Connect Server (WMDRM 10), DLNA-compatible servers: NAS
- Streaming Formats: MP3 , WMA, AAC, OGG Vorbis, FLAC (192/32 via LAN), WAV (192/32 via LAN), AIFF (192/32 via LAN), ALAC (96/24 via LAN)
- Webradio & Podcasts: Airable internet radio database, Auto network config, Automatic updates
- Digital signal processing with 192 kHz / 24 Bit (Upsampling of all incoming digital signals into this format)
- WLAN & LAN
- FM-RDS-Tuner
- Highly efficient power amps with 330 W/Ch
- Speakers A/B switchable
- Pure Class-A headphone output with 6,3 mm banana plug
- Sleepmode: Maintains network access and enables switching the CS 5.2 on and off via the RC 9 remote control and AVM RC S App
- Tone control and parametric loudness with bypass-function
- Large blue graphic display
- Vast menu functions (i.e. adjustable input sensitivity, individual naming of inputs etc.)
- Housing options: Aluminum silver or black, chrome front optional
- RC 9 remote control with color display and charging dock optionally available
- RC S remote control app for iOS and Android

Our most compact music system in the EVOLUTION line is our CS 5.2. It offers the large power of more than 300 Watts per channel. The CS 5.2 provides a large variety of connectivity and control functions. Every well known format is supported when music is streamed from different sources. Furthermore the CS 5.2 offers a variety of digital inputs like synchronous USB input and SPDIF in and outputs. A NAS or externa drive are supported as well as a USB jump drive (stick). An excellent phono stage is included too as well as 3 line inputs. The firmware of the streaming client is update-able and upgradeable, making the CS 5.2 future proof. This way possible future formats may be implemented as well.

With it's 330 Watt/ch strong amplifier, the CS 5.2 easily handles all speakers in the market. Cutting edge technologies are applied when it comes to digital signal processing with all digital signals being up sampled to 192kHz/ 24bit and a dual DAC converting to analog signal from this format. All this ensures a perfect music reproduction from every appli-cable source. Special focus was put on achieving the most authentic reproduction from CD. The acoustically shielded Pure CD drive is spring mounted end effectively protected from vibrations and footfall.

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Like all AVM hi-fi components the CS 5.2 is carefully developed and assembled by our engineers in Malsch, Germany. Our vendors for housing and 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 CS 5.2

Amplifier

Input sensitivity	12,5 mV – 125 mV
Sinsitivity Phono	40 µV – 400 µV
Input impedance line	6,8 kΩ
Input impedance Phono	47 kΩ / 100 pF
SNR	96 dB(A)
SNR Phono	83 dB(A)
Crosstalk (Phono)	55 dB
Frequency range	<5 Hz - > 50 kHz
ITM 25 W/4 Ω	<0,1 %
Damping factor	>200
Rated power into in 4 Ω	2 x 330 Watt
Rated power into 8 Ω	2 x 220 Watt

Tuner

Frequency range	87,5 – 108,0 MHz
Tuning steps	50 kHz
Sensitivity (mono / stereo)	1,5 µV / 50 µV
TIM (mono / stereo)	73 / 68 dB(A)

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AUDIOPHILE MASTERPIECES

CD, digital in/out

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

Computer Audio: Streaming, NAS and more

Streaming Formats:
MP3 , WMA, AAC, OGG Vorbis, FLAC (192/32 via LAN), WAV (192/32 via LAN), AIFF (192/32 via LAN), ALAC (96/24 via LAN)

Supported HiFi streaming services:
TIDAL, Qobuz

Supported media server:
UPnP 1.1, UPnP-AV und DLNA-compatible Server, Microsoft Windows Media Connect Server (WMDRM 10), DLNA-compatible Server: NAS

Webradio & Podcasts:
Airable internet radio database, Auto network config, Automatic updates
Digital signal processing with 192 kHz / 24 Bit (all incoming digital signals are being converted to this format)
Network connection via WLAN or LAN

Miscellaneous

Power supply	230V/50Hz or 120V/60Hz
Maximum power consumption	990 W
Dimensions (B x H x T)	430 x 130 x 370 mm
Weight	12 kg