

EVOLUTION CD5.2

Upsampling CD-Player with tube output & 7 digital inputs

AVM
AUDIO VIDEO MANUFAKTUR



EVOLUTION CD5.2 in brief

- Tube output stages equipped with ECC83 (12 ax7a), balanced mode
- Regulated high voltage generator independent from AC mains for supply of the tubes
- 2 line outputs (Cinch und XLR)
- 7 digital inputs: 2 x USB (1 x 192/24 asynchronous, 1 x 48/24), 2 x SPDIF coaxial, 2 x SPDIF opt., AES/EBU)
- 2 digital outputs (SPDIF coaxial & SPDIF opt.)
- PureCD CD mechanism with slot-in, spring mounted
- Signal processing with up to 192 kHz/24 bit (upsampling rate adjustable from 44,1 kHz/16 bit to 192 kHz/24 bit)
- 2 switchable digital filters (smooth/sharp)
- separated power supplies for CD drive and audio electronic
- Blue graphic display, dimmable
- RC3 included
- Available finishes: Aluminum silver or black, chrome front optional

With the CD5.2 tube out put stages make their debut in the Evolution Line. Sonically the CD5.2 convinces the listener with the charming and warm sound the tube output stages produce. These balanced output stages derived from the PA8 thrill the listener with the emotion loaded music reproduction. Also in die digital domain no expenses were spared and two DACs per channel even work in the digital domain in balanced mode.

Similar to the CD3.2 the CD5.2 is reduced to the max. Still it offers a large variety of connectivity. All functions are intuitively operable. The perfectly machined housing is built without visible screws and comes standard in silver or black. The traditional AVM chrome front is available as an option. Other customizations are available upon request. The RC 3 is always included.

The CD5.2 offers connectivity in plenty: 2 x USB (1 x 192/24 asynchronous, 1 x 48/24), 2 x SPDIF coaxial, 2 x SPDIF opt. and one AES EBU digital input. The XLR- and cinch outputs use different drivers and may be operated simultaneous.

Cutting edge technology is applied for the signal processing thruout. Each channel sparks two DACs operated in balanced mono mode. This way the SNR is optimized to the theoretical maximum. The upsampling allows switching the output samplerate between 44.1 and 192 kHz and simultaneous allows the choice between two digital filter characteristics (sharp or smooth). With the upsampling circuit the master tact is regenerated completely and jitter is kept away from the DACs. The PureCD mechanism is spring mounted and completely capsuled.

Like all AVM hi-fi components the A5.2 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 CD5.2

CD, digital in/out

Formats	CD-Audio (red book), CD-R
Upsampling	192 kHz/24 bit switchable
Deemphasis	yes, automatic
Digital-inputs (S/PDIF, AES/EBU, TOSLINK up to 96 kHz)	33–192 kHz/16–24 bit
USB-Input	up to 48 kHz/16 Bit
Digital-output (S/PDIF, TOSLINK)	44,1 kHz/16 bit (with CD) or input format

Digital inputs:

Input impedance Cinch	75 Ohm
Input impedance XLR (AES EBU)	110 Ohm
Input voltage	acc. IEC 958

Digital outputs:

Output impedance Cinch	75 Ohm
Output impedance XLR	110 Ohm
Output voltage	acc. IEC 958

Analog outputs:

Output voltage	2,5V
Output impedance Cinch	50 Ohm
Output impedance XLR	150 Ohm
Frequency range	<5 Hz – 20 kHz, via digital inputs >50 kHz
SNR	102 dB/105 dB(A)
TIM	0,01 % (mostly K3)

Miscellaneous

Power supply	230 V/50 Hz
Maximum power supply	40 W
Standby	<1 W
W x H x D	430 x 130 x 325 mm
Weight	approx. 11 kg