AVM

AUDIO VIDEO MANUFAKTUR

INSPIRATION CS 2.2

Compact Streaming CD-Receiver

with 2 x 165 Watt

Product Information

INSPIRATION CS 2.2

Compact Streaming CD-Receiver with 2 x 165 Watt

INSPIRATION CS 2.2 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

- 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 media server: UPnP 1.1, UPnP-AV and DLNA-compatible server,

  Microsoft Windows Media Connect Server (WMDRM 10), DLNA-compatible servers: NAS

- Web radio: vTuner Internet Radio Service, Auto network config.,

  Internet Radio Station database (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 165 W/ch

- Pure Class-A headphone output with 3,5 mm banana plug

- Sleepmode: Maintains network access and enables switching the CS 2.2 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: Aluminium silver or black, chrome front optional

- RC9 with color display and loading dock are included

Our most compact music system is our CS 2.2. Despite it's small size, the CS 2.2 offers a large variety of connectivity and control functions. All well known formats are supported when music is streamed from different sources. Furthermore the CS 2.2 offers a variety of digital inputs like synchronous USB input and SPDIF in and outputs. A NAS or external drive are supported as well as a USB jump drive (stick). An excellent Phono stage is on board as well as 3 line inputs.

The firmware of the streaming client is updateable and upgradeable, making the CS 2.2 future proof. This way possible future formats may be implemented as well. The 165 Watt/ch strong amplifier easily handles all speakers, even critical speakers. 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 applicable 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 2.2 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.

The beautiful RC 9 remote control with color display is always included. This programmable and rechargeable remote control always comes with a charging dock.

Technical Data INSPIRATION CS 2.2

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 165 Watt
Rated power into 8 Ω	2 x 110 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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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	33–192 kHz / 16–24 Bit
	(S/PDIF, TOSLINK)
USB-input	up to 48 kHz / 16 Bit
Digital-outputs	44,1 kHz / 16 Bit
(S/PDIF, TOSLINK)	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 media server:
UPnP 1.1, UPnP-AV und DLNA-compatible Server, Microsoft Windows Media Connect Server (WMDRM 10), DLNA-compatible Server: NAS

Webradio:
vTuner Internet Radio Service, Auto network config., Internet Radio Station database (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	750 W
Dimensions (W x H x D)	340 x 92 x 350 mm
Weight	10 kg