MP 30.3

Media Player with X-STREAM Engine®

Productinformation

Handcrafted in Germany

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Media Player with X-STREAM Engine®

AVM Audio Video Manufaktur GmbH, Daimlerstrasse 8, D-76316 Malsch, Tel.: 07246 30991-0, www.avm.audio
Status: 9/2023. Errors expected, technical data and equipment subject to change in the course of product

MP 30.3 in keywords

- Media player with slot-in CD drive
- X-STREAM Engine® for HiRes streaming incl. DSD (256), controllable via RC X APP
- Prepared for Spotify Connect, Qobuz, Tidal Connect MAX, HiResAudio, Webradio (expandable)
- HDMI (ARC) input + 2 digital inputs SPDIF (coax., optical)
- USB A for external hard drives (NTFS & FAT)
- Airplay 2, ROON ready, Bluetooth 5.0
- AVM RoomConneXion® Multiroom function
- 2 digital outputs (SPDIF, optical), volume adjustable
- Headphone output on the front
- Signal processing with upsampling to 192 kHz / 24 bit with selected DAC
- Tone control and parametric loudness with bypass function (also controllable via RC X APP)
- Dimmable OLED display with proximity sensor
- Extensive menu functions
- Minimal stand-by consumption
- Compact design: 43 cm width, 31 cm depth, 11 cm height
- Housing variants:
- Aluminum silver or black brushed or as CELLINI version with chrome front (extra charge)
- RC 3 remote control included

A Modern Media Player: The Combination of CD Player and Streaming

In the tradition and with our accumulated experience since the 1990s to develop digital playback devices without compromise in terms of sound, the new High Performance Media Player MP 30.3 has been created based on the AVM X-STREAM Engine®. Numerous new features have been incorporated into this 30.3 device and the new RC X APP also controls the MP 30.3 completely. Separate digital playback devices for CD and streaming functions are no longer necessary. The playback option for CD collections will be retained and expanded to include the almost infinite music catalogs of the streaming providers.

All modern connections are available, so that a TV can also be connected via HDMI ARC. In order to achieve our goal of constructing one of the most powerful sound on the world market with this compact media player, we have miniaturized proven sound technologies from our large media players and designed them into a shapely, screwless precision housing.

The main focus was on a completely modernized APP control system. The RC X app clearly contains all important functions. The simplest, intuitively learnable operation as well as a clear and nicely designed user interface make the management of even large music collections child's play. This makes you want to explore new music on numerous streaming platforms. The AVM RC X app is available for iOS (Apple) or Android-controlled devices. In addition, basic functions can also be controlled via the included RC3 Full Aluminium remote control.

The new AVM X-STREAM engine® can stream all high-resolution formats, including DSD (256). This streaming engine is a complete in-house AVM development and is completely software-based, so it can be updated online in a future-proof manner. An HDMI (ARC) interface is also on board as well as the modern Bluetooth connection, further digital inputs and also a USB A interface are standard.
Completely new are the digital outputs, which can also be volume controlled. The HDMI ARC input makes it easy to connect TVs and control them conveniently.

The MP 30.3 has also made a big leap in terms of sound. This sonic advancement is based on the use of technologies and circuits proven in other AVM MP players. The key tonal characteristics of the MP 30.3 are achieved through the use of state-of-the-art D/A converter stages and have been optimized for use in the CS 30.3 cabinet.

The digital section in the MP 30.3 was redesigned from the ground up in the course of the new development, because this crucial part of the MP 30.3 is basically based on our decades of experience. A selected ESS from the new generation (9038 Q 2 M) is now used as a digital-to-analogue converter, which is also a clear gain in terms of sound, which benefits all digital sources and reproduces all high-resolution formats perfectly and true-to-life.

The MP 30.3 are available in the standard colours aluminium, silver or black. Like all AVM Inspiration devices, the MP 30.3 is manufactured entirely by hand at the factory in Malsch. Also the far largest of the suppliers are also located in the immediate vicinity. You are welcome to watch our creative process in our 'making-of' video (QR code below).
Repeated, intensive quality controls during all production steps and a break-in time of several days for each individual device secure our promise of maximum reliability in the long term and we grant a 2-year warranty on the compact MP 30.3, and an additional 2 years for online registration.

Technical data MP 30.3

Pre-Amp (Pre-Out)

Input resistance	3.4 kΩ
Output resistance	470 Ω
Amplification Factor	1
THD	< 0.001%
Signal-to-noise ratio	> 100dB
Frequency response (at -3dB)	< 5Hz to > 80kHz
Crosstalk Attenuation (Channels)	> 95dB
Crosstalk Alternation (Inputs)	> 85dB
Input Output (1% THD)	3.5 V
Output Output (1% THD)	3V

Pre-Amp (Line-Out)

Output resistance	47 Ω
Amplification Factor	1
THD	< 0.001%
Signal-to-noise ratio	> 100dB
Output Output (1% THD)	3.5 V

Network

LAN connection (hot-plugging capable)	100Mbit/s
Supported WLAN/ Wifi standards	2.4 / 5 GHz 802.11a/b/g/n/ac
Number of antennas	2
WPS	yes

CD player

Playable formats	CD Audio, CDR (according to Red Book standard)
Frequency response CD	< 20 - 20 kHz

Streaming

Max. sample rates	DSD256, 32Bit /384kHz PCM
Streaming Services	AirPlay, Qobuz, Roon Ready, Spotify, TIDAL, HighResAudio
Supported file formats:	WAV, MP3, WM, AAC, FLAC, ALAC, DSD, Ogg, AIFF

Bluetooth

Bluetooth standard	5.0 LE
Supported Bluetooth Profiles	AVRCP 1.5 AD2P

USB Input (Rear)

USB standard USB	2.0
Max. current	500 mA
Supported formatting	FAT16, FAT 32, NTFS

ATTENTION: The USB input is only intended for hard drives and USB sticks!

Digital Inputs (S/P-DIF/ Coaxial)

Max. Sampling/Bitrate (OPTO)	96 kHz / 24 Bit
Deemphasis (OPTO)	Yes, automatically
Max. Sampling/Bit Rate (COAX)	192 kHz / 24 Bit
Min. signal level [Vpp] at 195kHz (COAX)	> 150 mVpp
Input Impedance (COAX)	75 Ω
Deemphasis (OPTO)	Yes, automatically
Max. Sampling/Bitrate (ARC)	192 kHz / 24 Bit
Input Impedance	100 Ω

NOTE: When using the digital inputs, the cable length of the digital cables should not exceed three meters.

Digital Outputs (S/P-DIF / Coaxial)

Max. Sampling/Bitrate (OPTO)	96 kHz / 24 Bit
Max. Sampling/Bit Rate (COAX)	192 kHz / 24 Bit
Output Impedance (COAX)	75 Ω

NOTE: When using the digital outputs, the cable length of the digital cables should not exceed three meters.

Power consumption

Standby	< 0,5 Watt
Extended stand-by (network connection)	< 2 watts
Idle	< 16 Watts
Fuse used	: T 3.15A H

General

Weight	6.9 kg
Dimensions (WxHxD)	430 x 115 x 310
Warranty	2 years (+2 years if you register online*)
	*Warranty periods may vary from country to country.

Regulatory Notes

Used transmission frequency range	WLAN 2.4 G:	2.412 – 2.472 GHz
	Wi-Fi 5:	5.150 – 5.350 GHz
		5.470 – 5.725 GHz
	Bluetooth:	2,400 – 2,4835 GHz
Maximum transmitting power	Wi-Fi 2.4 G:	20 dBm
	Wi-Fi 5	15 dBm
	Bluetooth:	6 dBm

The device is intended for non-commercial users.
The Ethernet / LAN port may only be connected to the house network (in-house LAN network).

NOTE on power consumption in standby mode:
To ensure that your AVM device can be switched on at any time via the RC X app for iOS and Android, the integrated AVM X-STREAM engine® remains in constant operational readiness in stand-by mode. Please note that the current consumption is not below 0.5 watts as usual, but increases to about 2 watts. To reduce energy consumption to less than 0.5W, switch the appliance to stand-by mode or turn it off completely using the rear power button (34). However, it can happen that various settings (e.g. the last source) are not saved permanently.

Abbreviated Declaration of Conformity:

AVM Audio Video Manufaktur GmbH confirms that MP **30.3**, to which this product info belongs, complies with the EU Directives 2014/35/EU, 2014/30/EU, 2014/53/EU, 2009/125/EC and 2011/863/EU in force at the time of writing. The necessary tests were carried out with positive results. The full text of each EU declaration of conformity is available at the following web address:
https://avm.audio/wp-content/uploads/Declaration-of-Conformity_MP30-3.pdf

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