

AVM

AUDIO VIDEO MANUFAKTUR



EVOLUTION MP 3.2

EVOLUTION MP 5.2

Media Player with High-End Streaming,
CD Player und 6 Digital Inputs

EVOLUTION MP 3.2, MP 5.2

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EVOLUTION MP in brief

- TEAC Pure-CD drive with slot-in, spring mounted, exclusively provided to AVM
- Transistor-based high-level output (MP 3.2)
- Tube Line Stage with custom made AVM 83 T tubes used in balanced mode (MP 5.2)
- High voltage generator independent from the AC mains supplying the tube heating (MP 5.2)
- Analogue outputs: 2 x XLR (balanced), 2 x Cinch/RCA (unbalanced)
- Digital inputs: 2 x SPDIF coaxial, 2 x SPDIF optical, 1 x AES/EBU
- USB input: asynchronous, galvanically isolated, DSD64 (2,8 MHz)
- Digital outputs: 1x SPDIF coaxial, 1 x SPDIF optical
- Digital signal processing: Up to 192 kHz / 24 Bit
- Supported media server: UPnP 1.1, UPnP-AV and DLNA-compatible server, Microsoft Windows Media Connect Server (WMDRM 10), DLNA-compatible server: NAS
- Streaming formats: MP3 , WMA, AAC, OGG Vorbis, FLAC (192/24 via LAN), WAV (192/24 via LAN), AIFF (192/24 via LAN), ALAC (96/24 via LAN)
- Gapless Playback for WAV, AIFF, PCM, FLAC, MP3, M4A
- Supported music streaming service with HiFi quality audio: TIDAL
- Webradio: Airable Internet Radio Service, Internet Radio Station Database (automatic updates)
- Netzwerk: WLAN & LAN
- Comprehensive menu functions (individual input labeling and much more)
- Selectable up- or downsampling of all incoming signals to the following formats:
native (original), 44,1, 48, 88,2, 96, 176,4, 192 kHz
- Two digital filters: smooth & steep
- Magnetically shielded power supplies (separated mounting of CD drive and audio electronics)
- Large, blue graphic display (dimnable)
- Housing options: Aluminum silver or black, chrome front optional
- RC 9 remote control with color display and loading dock optionally available
- RC S remote control app for iOS and Android available free of charge

With the MP 3.2 and the MP 5.2 AVM proudly presents its latest developments by creating two top-class media players for virtually all kind of digital audio sources. No matter if you like to listen to one of your fine digital audio components or your good old CD collection via the integrated Pure CD drive. Namely genuine media Players. That is why we simply refer to them as MP. Both of these unique all-rounders are not solely based on our decades of experience in creating sophisticated amplifier circuits with first-rate DA converters. They rather feature an unprecedented level of high fidelity and grant you a captivating and lasting listening experience in a class of its own.

Armed with fully balanced DA converters and pure solid state technology in all amplifier stages, the MP 3.2 shines both with its thrilling sound and charming musicality. The MP 5.2 features the additional Evolution Tube Line Stage with custom made AVM 83 T tubes used in balanced mode, while its two dedicated power supplies are serving as a perfectly suited tube heating at the same time.

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Following a complex digital-analog conversion, all digital signals are passed on to our specially conceived AVM low-level gain stages. This unique approach is a borrowed concept from the AVM flagship preamplifier PA 8 of the OVATION Line and is enchanting with its transparent and touching reproduction of sound. By providing two fully balanced DA conversion modules per channel, no expense is spared when it comes to the field of DA conversion. Furthermore, both the MP 3.2 and MP 5.2 Media Player enables you to play back hi-res DSD audio files (DSD64, 2,8MHz). Not least, all XLR and cinch-outputs are entirely separate entities which can be operated at the same time.

Technical Data

Digital input

Input impedance coax / XLR	75 Ohm / 110 Ohm
Input format coax / XLR	S/P-DIF, 32 kHz - 192 kHz / 16 - 24 Bit
Input format optical	S/P-DIF, 32 kHz - 96 kHz / 16 - 24 Bit
Input format USB	Asynchronous, galvanically isolated PCM max. 48 kHz / 16 Bit PCM max 192 kHz / 24 Bit (additional driver installation is required for Windows PCs) 64DSD (2,8 MHz)
Sampling frequency	Native, 32 kHz - 192 kHz / 16 - 24 Bit up/downsampling switchable to 44,1 kHz - 192 kHz / 24 Bit
Deemphasis	yes, automatic

Digital output

Output impedance coax	75 Ohm
Output format coax	S/P-DIF, as input format, max 192 kHz / 24 Bit
Output format optical	S/P-DIF, as input format, max 96 kHz / 24 Bit

CD-Player

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

Analogue output

Output voltage	2,5 V
Frequency range MP 3.2	DC – 75kHz
Signal-to-noise ratio MP 3.2	105 dB
Frequency range MP 5.2	<2Hz – 38kHz
Signal-to-noise ratio MP 5.2	97 dB

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Technical Data

Streaming capabilities

Streaming formats	WMA, OGG Vorbis, AAC/MP4, MP3, ALAC (up to 96kHz via LAN), WAV, PCM, FLAC, AIFF (up to 92kHz/24Bit via LAN)
Supported media server	UPnP, 1.1, UPnP-AV and DLNA-compatible server, Microsoft Windows Media, Connect Server (WMDRM 10), DLNA-compatible server: NAS
Radio Database	Airable Internet Radio Service (automatic updates)

Miscellaneous MP 3.2

Supply voltage	100 V - 240 V, 50 - 60Hz
Power consumption during operation	typ. 15W
Stand-by power consumption (quickstart disabled)	< 1 W
Power consumption in sleep mode (quickstart enabled)	< 4 W
Dimensions (W x H x D)	430 x 100 x 325 mm
Weight	7,9 kg
Warranty	3 years

Miscellaneous MP 5.2

Supply voltage	100 V - 240 V, 50 - 60Hz
Power consumption during operation	typ. 20W
Stand-by power consumption (quickstart disabled)	< 1 W
Power consumption in sleep mode (quickstart enabled)	< 4 W
Dimensions (W x H x D)	430 x 130 x 370 mm
Weight	9,2 kg
Warranty	3 years