

EVOLUTION A3.2

**Integrated Amplifier with 2 x 175 Watt,
Tuner, Phono und USB-Digitaleingang (optional)**

AVM
AUDIO VIDEO MANUFAKTUR



Technical highlights EVOLUTION A3.2

- Highly efficient output stages with 175Watt/channel
- Stand-by power consumption < 1W
- Line inputs (1 balanced XLR), 1 processor in/out, 2 preamp outputs (RCA-Cinch, XLR)
- Phones jack alternatively useable as front input
- 3 slots for phono module (MM/MC), FM-RDS tuner module, USB DAC module with 192 kHz/24 bit upsampling (USB, SPDIF coax and TOS-link), USB works PC and MAC without driver installation
- Parametric loudness, bass and treble controls (can be bypassed)
- Large bright blue graphical display, dimmable
- Full metal aluminum remote control included
- Remote control via RS232. Connector for external infrared receiver
- Multiple functions accessible via menu: Input sensitivity, individual input names & many more
- Case made of solid aluminum anodized in silver or black, chrome front available (option)

Premium musical quality, design as a true synthesis of elegance and functionality and intuitive handling are our benchmarks when creating hi-fi components. The perfect finish of the aluminum case expressly underlines the tonal quality of the built-in electronic circuitry.

The A3.2 is a very versatile integrated amplifier and shares core values with its sister models A5.2 and PA 3.2: 5 line inputs, a front input and 3 slots for the optional plug-in modules connect it to any source. Poweramps can be connected via RCA Cinch. Active subwoofer may connect to the processor in/out. Comfortable menu functions allow an individual configuration of the A3.2 according to your personal likings (input names, sensitivity) etc.). The sophisticated handling concept makes it easy to use. This way the A3.2 will provide pure, long lasting joy of listening at all times.

Like all AVM hi-fi components the A3.2 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 A3.2

Amplifier

| | |
|-----------------------------------|---|
| Input impedance (25W/4 Ohm) | 20 mV –350 mV (adjustable) |
| Input impedance line | 6,8 kOhm |
| SNR line, MM, MC (Phono optional) | 101 dB (A), 85 dB(A), 75 dB(A) |
| Frequency range line / Phono | < 5 Hz - > 50 kHz, 30 Hz - > 20 kHz |
| Intermodulation (25 W/4 Ohm) | < 0,1% |
| Damping factor | >200 |
| Rated Power | 2 x 175 Watt (4 Ohm) / 2 x 100 Watt (8 Ohm) |

FM Tuner Module (option)

| | |
|---------------------------|-----------------------|
| Frequency range | 87,5 MHz – 108,0 MHz |
| Step | 50 kHz |
| Antenna impedance | 50 Ohms |
| Sensitivity mono / stereo | 1,5 µV / 50 µV |
| S/N mono / stereo | 76 dB (A) / 70 dB (A) |
| THD mono / stereo | 0,1% / 0,3% |

USB DAC Module (option)

| | |
|--------------------------------|--|
| Sampling frequency | upsampling to 192 kHz / 24 bits |
| Frequency response | <5 Hz - > 50 kHz (depending on input sampling rate) |
| Deemphasis | yes, auto |
| Input data rate optical / coax | SPDIF, 33 kHz - 96 kHz / 192 kHz / 16 - 24 bits |
| USB input | 48 kHz / 16 bits, no special drivers required |
| S/N ratio | 120 dB (A) |

Phono Module (Option)

| | |
|-------------------------|--------------------------------------|
| Input sensitivity | 50 µV – 10 mV (adjustable) |
| Input impedance MM | 47 kOhm // 100 - 450 pF (adjustable) |
| Input impedance MC | 75 Ohm - 1 kOhm (adjustable) |
| SNR MM (5mV / 1kHz) | 83 dB (A) |
| SNR MC (0,5 mV / 1 kHz) | 79 dB (A) |
| Frequency range | < 5 Hz - > 50 kHz |
| RIAA | accord. RIAA +/- 0,3 dB |

General

| | |
|--------------------------|---------------------|
| Power Supply | 115/60Hz, 230V/50Hz |
| Power consumption (max.) | 450 W |
| Standby | <1 W |
| Dimensions (W x H x D) | 430 x 100 x 325 mm |
| Weight | 8 kg |