

# EVOLUTION PA3.2

## Preamplifier

### Tuner, Phono & USB-inputs (optional)

**AVM**  
AUDIO VIDEO MANUFATUR



## Technical highlights EVOLUTION PA3.2

- 5 line inputs (one 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
- Environment friendly stand by power consumption below 1 Watt
- 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 PA3.2 is a very versatile preamplifier: 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 or XLR alike. Active subwoofer may connect to the processor in/out. Comfortable menu functions allow an individual configuration of the PA3.2 according to your personal likings (input names, sensitivity) etc.). The sophisticated handling concept makes it easy to use. This way the PA3.2 will provide pure, long lasting joy of listening at all times.

Like all AVM hi-fi components the PA3.2 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 PA3.2

### Preamplifier

Sensitivity (25 W/4 Ohm)	33 mV – 560 mV (adjustable)
Input impedance RCA Cinch	6,8 kOhms
S/N line/MM/MC (option)	101 dB(A) / 85 dB(A) / 75 dB(A)
Output impedance RCA Cinch	75 Ohms
Output impedance balanced XLR	100 Ohms
Frequency response line / phono (option)	< 5 Hz - > 200 kHz / 30 Hz - >20 kHz

### Tuner (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%

### Digital input (option)

Sampling frequency	upsampling to 192 kHz / 24 bits
Frequency response	<5 Hz - > 50 kHz (depends 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)

### General

Power supply	AC 230V / 50-60 Hz / 12 VA (stand by <1 VA)
Dimensions (W x H x D)	430 x 100 x 325 mm
Weight	6 kg