

## Setting of cartridge type

Use the mini-switches (3, 6) on the rear panel to set the P2 to MM or MC depending on the cartridge type. All switches must be in the same position. For high output MC cartridges set the P2 to "MM" position.

## Adjusting the cartridge load

The P2 has two load terminals (5) where You can plug in RCA connectors with resistors or capacitors soldered in. Refer to the manual of Your cartridge to chose the correct impedance.

**MM:** The capacitive load of a MM-cartridge influences the reproduction of high frequencies. First find out the recommended capacitive load (see manual of cartridge). Subtract from this value 150 pF for input capacitance of the P2 and cable. Solder the resulting capacitance into the RCA plugs connected to the P2's load terminals. Use only high quality polypropylene capacitors.

**MC:** First find out the recommended resistive load (see manual of cartridge). Then see table below for additional resistance values to be soldered into the RCA plugs connected to the P2's load terminals. Use only high quality metal film resistors.

| Total load | resistor | Total load | resistor |
|------------|----------|------------|----------|
| 1000       | none     | 75         | 81       |
| 500        | 1000     | 50         | 53       |
| 300        | 429      | 30         | 31       |
| 150        | 176      | 20         | 20       |
| 100        | 111      | 10         | 10       |

## Technical data P2

### MM

### MC

|                    |  |                  |
|--------------------|--|------------------|
| Sensitivity        | 1,5 mV                                 | 180µV            |
| Input impedance    | 47 kOhms/47 pF                         | 1 kOhm / 1 nF    |
| S/N ratio          | 79 dB /85 dB(A)                        | 74 dB / 80 dB(A) |
| Frequency response | 30 Hz – 20 kHz +/- 0,3 dB (RIAA curve) |                  |
| Power supply       | 230V / 50 Hz / 3VA (AC adaptor)        |                  |
| Dimensions         | 145 x 48 x 70 mm                       |                  |
| Weight             | 0,3 Kgs                                |                  |

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## Operating instructions

## Phono pre-preamplifier /equalizer P2



AVM Next Generation GmbH, Daimlerstraße 8, 76316 Malsch

Dear customer,

thank You for purchasing this AVM product. You own now a versatile, excellent sounding hi-fi component. Before enjoying music, please read this manual carefully. After that You will know how to use your new AVM component in the optimal way.

Sincerely Yours

Your AVM-Team

### Declaration of conformity (for EC only)

We herewith confirm, that the unit to which this manual belongs fulfills the EC rules necessary to obtain the sign

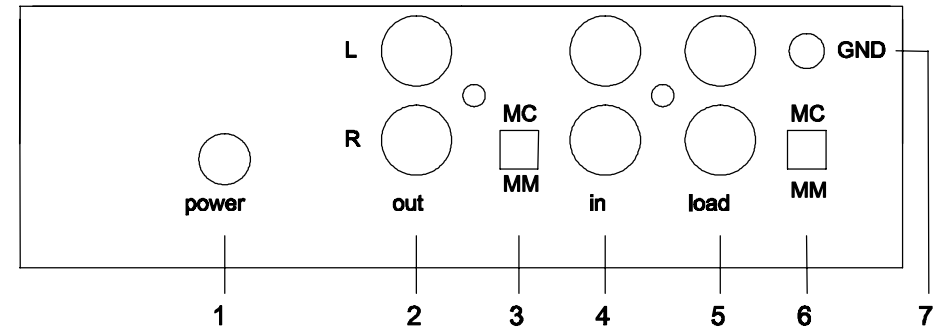


the necessary measurements were taken with positive results.



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### Rear Panel



- |                                  |                                 |
|----------------------------------|---------------------------------|
| 1 power supply connector         | 5 load terminals                |
| 2 audio output                   | 6 MM / MC-selector left channel |
| 3 MM / MC-selector right channel | 7 ground connector              |
| 4 audio input from cartridge     |                                 |

### Power supply

insert the supply plug of the AC adapter into the power supply connector (1). Connect the AC adapter to the mains outlet. Use only the original AC adapter, other adapters can damage the unit.

**CAUTION:** In case of thunderstorm or if You leave the house for a longer time we recommend that You disconnect the unit from mains.

### Connection to hi-fi set

**NOTE:** We recommend that You disconnect mains before You make the connections.

**Turntable:** Connect the right and left channel of the turntable's output to the corresponding audio inputs (4) of the P2. Connect the grounding cable of the turntable or tone arm to the ground connector (7) of the P2

**Amplifier:** Connect the audio output (2) of the P2 to any high level input of Your amplifier. Do NOT use the phono input because the P2 already amplifies and equalizes the cartridge signal to a high level signal.