

Getting Started Guide

PH 30.3



Declaration of conformity (for EU only)

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



the necessary measurements were taken with positive results.

AVM Audio Video Manufaktur GmbH
Daimlerstraße 8
D-76316 Malsch
Germany

www.avm.audio
info@avm.audio

Welcome!

We are pleased you have chosen an audiophile masterpiece of the AVM 30.3 series and thank you for your trust. With the PH 30.3 phono stage you own an extraordinary HiFi component with excellent sound and a wide range of functions.

Should you have any questions which we have not been able to answer with this getting started guide, please contact your dealer or distributor who will be able to configure the unit according to your needs and personal requirements and also give you instructions for daily use.

A handwritten signature in black ink, appearing to read 'Udo Besser', with a stylized, flowing script.

Udo Besser – AVM Owner & General Manager

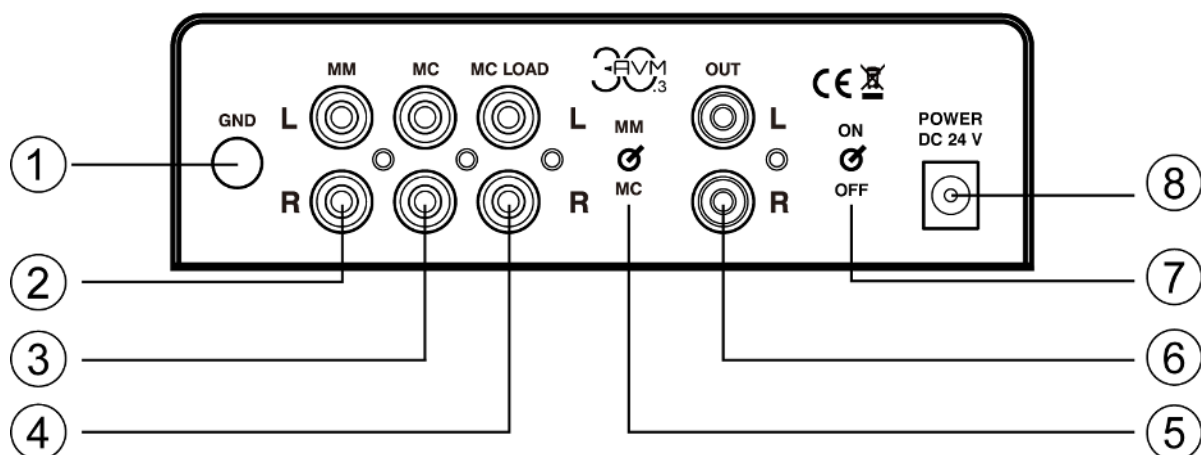
Getting started

What's in the box?

- **PH 30.3 Phono Pre-Stage**
- **Power supply unit**
- **Load resistor plugs (100Ω, 200Ω, 1000Ω)**

CAUTION: After unpacking, please check the scope of delivery to ensure that all the parts have been supplied and are undamaged. In case the original packing has already been opened, please contact your local dealer. Often, your dealer prepares your new device prior to delivery to adapt and change the configuration to your personal needs.

Control and operating elements



- | | |
|--------------------------------------|--------------------------------------|
| 1. Ground connection | 5. MM / MC selector switch |
| 2. MM input sockets (from turntable) | 6. Output sockets (to amplifier) |
| 3. MC input sockets (from turntable) | 7. Power switch |
| 4. MC cartridge loading sockets | 8. Power socket (from power adaptor) |

Connect your turntable with the ground connection „GND“ (1) and one of the available input sockets “MM” (2) or “MC” (3). Depending on the operating principle of your cartridge, please choose one of the available phono inputs for electromagnetic transducers (MM = Moving Magnet) (2) or electrodynamic transducers (MC = Moving Coil) (3). Please refer to the manual of your cartridge system to find out on which principle it is based. Depending on the desired load resistor of your MC system, your MC system may solely be connected with the MC input sockets (3) or additionally be adapted via the MC cartridge loading sockets (4) and the supplied load resistor plugs (100Ω, 200Ω, 1000Ω).

Specifications

Operating modes	MM / MC switchable
Inputs	3 x RCA Pair (Cinch) (left/right)
Outputs	1 x RCA Pair (Cinch) (left/right)
Gain at 1 kHz (MM)	40 dB
Gain at 1 kHz (MC)	60 dB
Input impedance (MM)	47 k Ω / 220 pF (fix)
Input impedance (MC)	47 k Ω / 1 nF (plus adjustment)
Output impedance	47 Ω
Frequency response ($\pm 0,3$ dB)	20 Hz – 20 kHz
Frequency response (± 3 dB)	8 Hz – 100 kHz
RIAA Curve Fidelity	< $\pm 0,3$ dB
THD+N (MM)	< 0,013 %
THD+N (MC)	< 0,055 %
Signal-to-noise ratio 1 kHz (MM)	72 dB / 82 dB(A) at 5 mV input voltage
Signal-to-noise ratio 1 kHz (MC)	66 dB / 73,5 dB(A) at 0,5 mV input voltage
Crosstalk	≥ 0 40 dB
Input sensitivity at 1 kHz (MM)	5 mV for 500 mV output voltage
Input sensitivity at 1 kHz (MC)	0,5 mV for 500 mV output voltage
Maximum output voltage at 1 kHz	6,5 V
Power supply	24 V DC
Power consumption	3,5W / 15mA
Power consumption incl. power supply unit	3,6 W (operation)
Power consumption power supply unit with device switched off	0,1 W (standby)
Weight	0,5 kg (without power supply)
Dimensions (B x H x T)	150 x 52 x 108 mm

Changes reserved without prior notice.
2020/11/24.