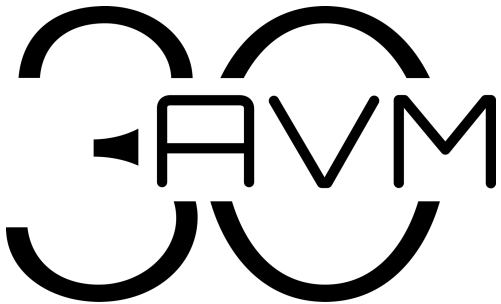
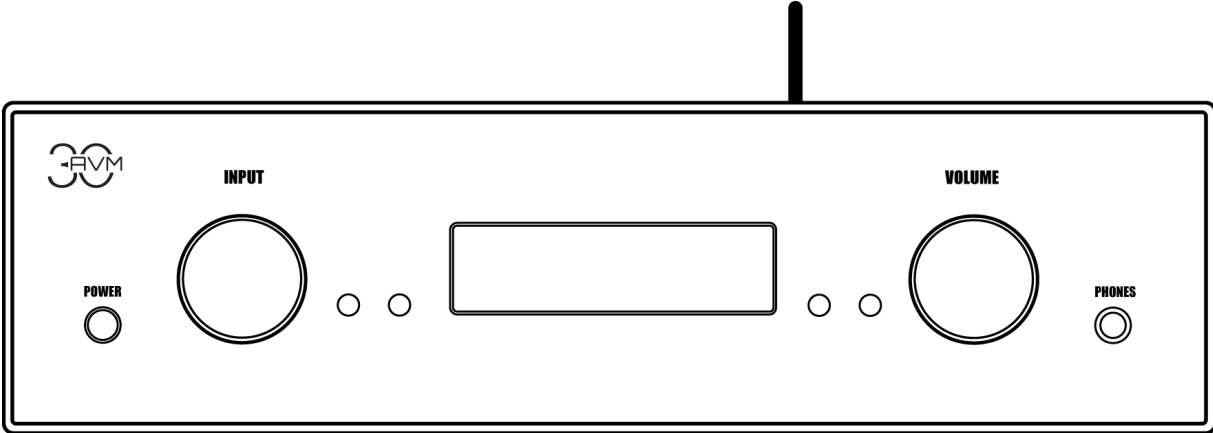


Owners Manual

A30

V30



Declaration of conformity

We confirm that the device to which these operating instructions belong, meets the EC guidelines for obtaining the mark at the time of printing.



The necessary tests were carried out with a positive result.

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Welcome!

We are pleased you have chosen an anniversary model of the AVM30 series and we thank you for your trust. With the A30 integrated amplifier or the V30 preamplifier you have acquired a sonically excellent and versatile hi-fi component with a wide range of functions. In the following, we would like to explain the use of your A30 or V30 in a comprehensive manner and ask you to take a little time to study these instructions in detail.

Please note: Due to the largely identical range of functions, the following explanations refer to both the A30 integrated amplifier and the V30 preamplifier of the AVM30 anniversary series. On features and functionalities that apply only to one of the two models, we will of course point you in the appropriate place.

If you have any questions that we could not answer with this guide, please confidently contact your dealer, who will configure the device according to your wishes and personal needs, and will also give you instructions for daily use.

Your AVM team

Product registration

Register your AVM model today to receive first-hand updates and useful information on your audiophile masterpiece:

avm.audio/register

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1 Getting Started

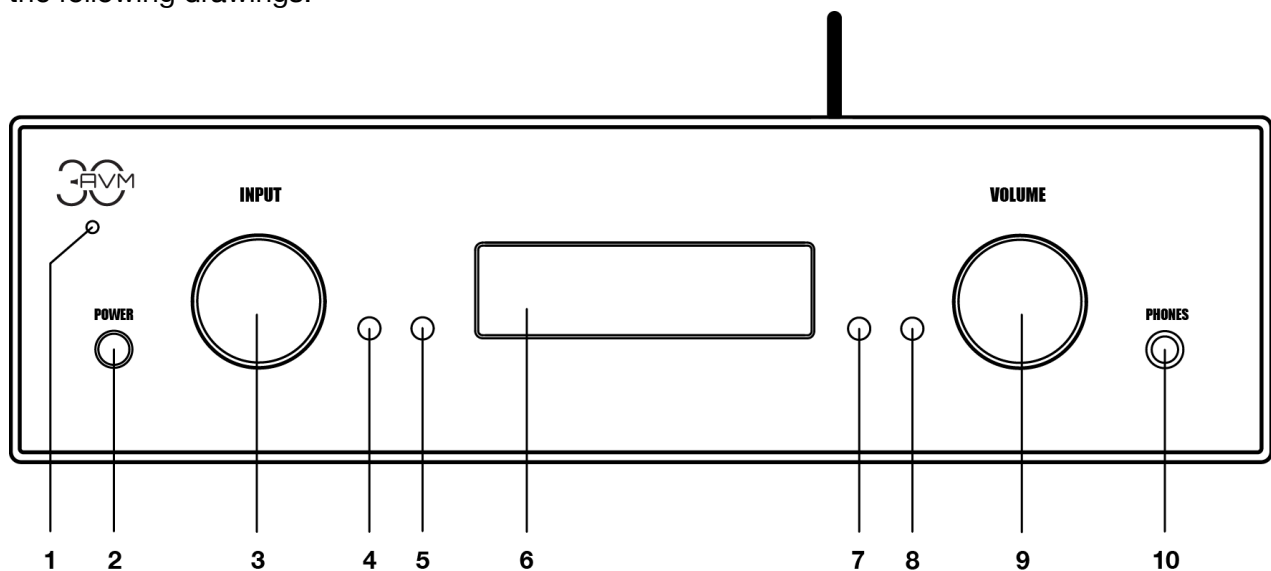
1.1 Content

- **A30 Integrated Amplifier**
- **Bluetooth-Antenna**
- **Power Cord**
- **RC 3 Remote Control**

Note: Please check the device and accessories after unpacking for completeness and transport damage. If the original packaging is already open, please contact your dealer. Often, a retailer prepares your new device for use at your home before delivery, in which several settings are already preconfigured for you.

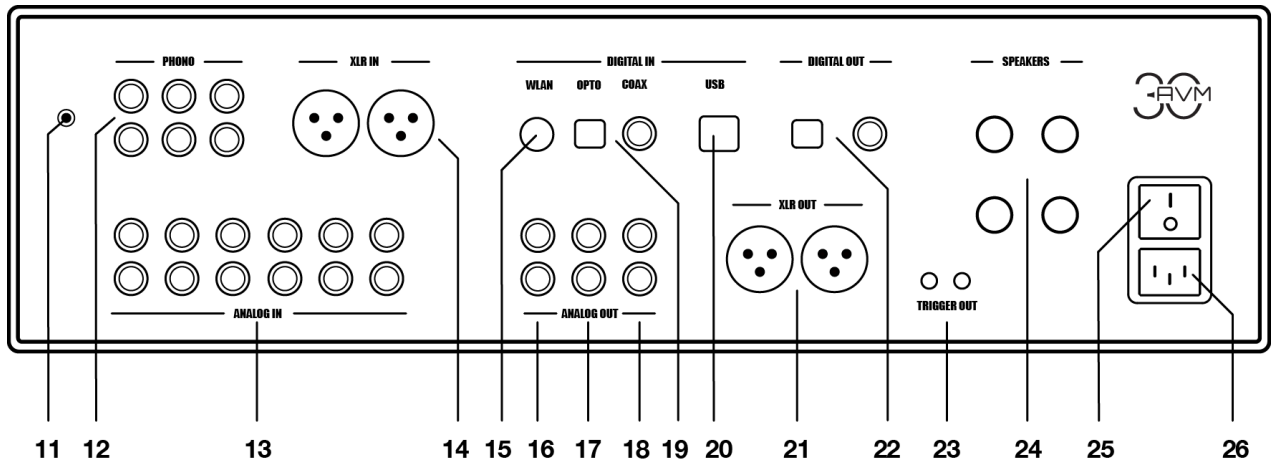
1.2 Overview

In this manual, there are numbers behind the names of the individual elements, which refer to the following drawings.



- 1 Power-LED
- 2 ON / OFF button
- 3 Source selector
- 4 Bass-Control
- 5 Treble-Control

- 6 Display
- 7 Level-Control
- 8 Balance-Control
- 9 Volume Control
- 10 Headphone Jack



- | | |
|--------------------------------------|-------------------------------------|
| 11 Ground connection for turntable * | 19 Digital-Input (Optisch, Koaxial) |
| 12 Phono-Input (MM, MC, MC Load) * | 20 USB-Input |
| 13 High-level inputs RCA | 21 XLR-Out * |
| 14 High-level inputs XLR | 22 Digital-Out (Optical, Coaxial) |
| 15 Bluetooth-Antenna connection | 23 Trigger Out |
| 16 Line Out (LINE) | 24 Speaker Connections ** |
| 17 Subwoofer-Out (SUB) | 25 Power Switch |
| 18 Pre-Out (PRE) | |

* V30 Preamp

** A30 Integrated

1.3 Installation and cooling

The A30 power amplifier requires cooling. Therefore, it is necessary that the air supply from below and the outflow of the heated air upwards is unhindered. Be sure to keep the A30 as free as possible on a firm surface. The ventilation slots on the top of the device must not be covered. In addition, the location of the A30 and V30 should be protected from direct sunlight.

1.4 Power supply

Connect the supplied power cable to the appliance connection (26) and a safety socket. The blue power LED (1) below the AVM30 logo will light up and go out as soon as the power is turned on with the power button (2) and the display (6) lights up.

NOTE: Please leave the unit switched off for the time being (power switch (25) in zero position) until you have made all cable connections to the rest of the system.

1.5 Connection of analog sources

High level sources

To connect analog sources, connect them to the XLR inputs (14) or to the rear of the unit using appropriate cables. For the RCA inputs (13), the left channel is connected to the top row (white), the right channel to the bottom row (red).

Turntable (V30)

The turntable of the V30 preamplifier is connected to the ground terminal (11) and one of the three available phono inputs (12). Choose one of the phono inputs for electrodynamic transducers (MC = Moving Coil) or electromagnetic transducers (MM = Moving Magnet), depending on the design principle of the pickup system used. If your pickup system works according to the MM or MC principle, please refer to its documentation. Depending on the desired terminating resistor of your MC system, an MC system can be optionally adapted with the input MC or MC Load. The included resistor plugs (100Ω, 200Ω) are plugged into the inputs marked "LOAD".

1.6 Connecting digital sound sources

SPDIF inputs

Digital signal sources can be connected to the coaxial or optical digital input (19) via a suitable cable.

Digital recording devices

For a digital recording, you can connect your recording devices (computers, CD recorders, etc.) to the optical or coaxial digital output (22). Depending on the selected input source, the output will output a corresponding output signal (eg DIG OPT, DIG COAX).

1.7 Connection of a power amplifier

To connect to a (separate) power amplifier, use the pre-output PRE (18) or the balanced XLR outputs of the V30 (21) on both models. A switched control voltage at the trigger out outputs (23) with 3.5mm sockets may be e.g. compatible power amplifiers can be easily remotely switched on.

1.8 Installation of Bluetooth-Antenna

For optimum use of the built-in Bluetooth features, the supplied Bluetooth antenna must be connected to the antenna connector (15) on the back of the unit. Please pay attention to the fact that this is aligned straight when screwing the antenna. Only then do you angle the antenna to the desired position.

1.9 Connecting a recording device

The inputs of a recording device are connected to the analog recording output LINE (16). You can connect the recorder's outputs to one of the analog high-level inputs (13, 14).

1.10 Operation with subwoofer

An active subwoofer without crossover can be connected to the subwoofer output SUB (17).

1.11 AV Throughput (A30)

To operate the A30 or V30 in combination with your home theater surround processor, both models provide an AV throughput function for all high-level inputs (13,14). If the AV Throughput function is enabled for one or more of these inputs, the signal will be played back at a fixed level. The level adjustment of all surround channels, as well as the bass management will then be done exclusively on your surround processor. These settings should not be changed because otherwise the balance of the channels with each other is not given. In addition to the volume setting (see section 2.5), the options for adjusting the input sensitivity (see section 2.6), the balance (see section 2.7) and all the sound settings (see section 2.8) of your A30 or 30 are also deactivated.

Activation of AV Throughput Function

To activate the AV Throughput function for one of the high-level inputs (13,14), in the normal operating state you first select the desired input with the source selector switch (3). Then switch the device to standby mode with the on / off button. Then press and hold the Level button (7) while turning the unit back on using the On / Off button (1). Wait a few moments for the boot process to complete. As soon as the FIX indicator appears on the right side of the display (6), you can release the Level button. The throughput function is now activated for the selected high-level input and remains stored even after the device has been switched off until it is deactivated again (see above). Please note that the volume control (9), the bass button (4), the treble button (5), the level button (7) and the balance button (8) have no function as long as the AV Throughput function is enabled for a high level input.

To enable the AV Throughput function for another high level input, select the desired input using the source selector switch (3) and repeat the procedure described above.

Deactivation of AV Throughput Function

To disable the AV Throughput function, select the desired high level input with the source selector (3) during normal operation. Then switch the device to standby mode with the on / off button. Then press and hold the Level button (7) while turning the unit back on using the On / Off button (1). Wait a few moments for the boot process to complete. As soon as the volume display appears on the right side of the display (6) instead of the FIX display, you can release the Level button. The AV Throughput function is now disabled for the selected high level input.

To disable the AV Throughput function for another high level input, select the desired input using the source selector (3) and repeat the procedure above. To deactivate the AV Throughput function of several high-level inputs with one touch of a button, the Reset function is also available (see section 2.9). Please note, however, that as part of a reset, the entire device will be reset to its factory settings.

1.12 Connecting the speakers (A30)

The speaker outputs of the A30 are equipped with gold-plated 4 mm banana sockets. To connect the speakers, you therefore need cables with appropriate plugs. These are connected to the speaker outputs (24) of the A30. Use only good quality speaker cables of sufficient cross section to connect the speakers. In case of doubt, ask your specialist dealer.

Please pay attention to the correct polarity when connecting the loudspeakers. The top output jacks of the A30 must be connected to the red or plus loudspeaker terminals. Right and left channel must have the same polarity of the speakers.

1.13 Headphone jack

The A30 integrated amplifier and the V30 preamp are equipped with a 1/4 "phone jack for connecting a headphone (10). Please note that both the pre-amp output (18) and the subwoofer output (17) and the speaker outputs (24) are disabled while headphones are connected. The recording output LINE (16) remains active.

1.14 RC 3 Remote Control

The supplied RC 3 aluminum remote control allows you to comfortably control your A30 and V30. The buttons OFF and ON are responsible for all AVM devices in a system and switch these on and off together.

As an alternative to the supplied RC 3 remote control, you can also use AVM models RC 8 or RC 9. These two remote controls allow you to control a wider range of functions and are available at an additional cost from your dealer.

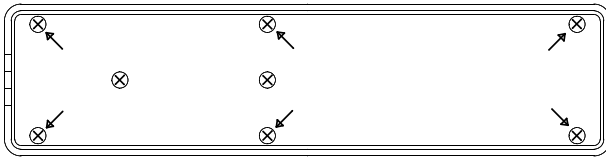
The <INPUT> buttons are used to select an available sound source, which is shown on the display of the A30 or V30.

Use the <VOLUME> buttons to select the output volume of the A30 or V30.

Other buttons such as <STATION>, <SKIP>, STOP, PLAY are used to control other AVM components, such as CD receiver with integrated FM tuner. Thus, e.g. the buttons STOP, PLAY and <SKIP> a drive control of corresponding components with CD drive. The PLAY button toggles between PLAY and PAUSE when pressed several times; the STOP button causes the disc to be ejected when pressed several times. The <SKIP> keys briefly switch to the next / previous track on a CD - a long press will accelerate the current track.

If the remote control does not work properly, please note the following: Always point the remote control with the front end towards the device you want to operate. Due to excessive distance, empty batteries or obstructive objects between the remote control and the device to be controlled, smooth operation may be impaired.

1.14.1 Replace batteries



Bottom of the RC 3 remote control

If the range of the remote control decreases significantly, new batteries must be used. Remove the six screws marked with arrows at the bottom of the remote control (ATTENTION: do not open the two middle screws without arrow mark!). Now turn the remote control over and remove the bottom with the PCB. Now remove the used batteries and replace them with two new ones of the same type (lithium coin cell 3V, type CR2032). When inserting, ensure that the polarity of the batteries is correct (mark "+" upwards), otherwise the electronics may be damaged.

2 Operation

2.1 First switch-on / self-test

When switching on the A30 and V30 for the first time, a so-called self-test will be carried out, provided that the device was previously completely disconnected from the power supply via the mains switch (25). The device checks the configuration and functionality of the built-in components and then goes into stand-by mode. This process may take a few seconds to complete.

2.2 Switch device on / off

The on / off button (2) allows you to switch between operation and standby mode. In stand-by mode, the display is dark and the power LED (1) is lit. As soon as the device is in operation, the operating display goes out and the display (6) is activated.

ATTENTION: The device is not completely disconnected from the mains in stand-by mode. To disconnect completely from the mains, press the power switch (25) on the back of the unit or unplug the power cord from the appliance connection (26).

2.3 Choice of sound source

The selection of a sound source is made by turning the source selector switch (3). There are six RCA inputs (13), a pair of XLR inputs (14), two digital inputs, a USB input (20) and a channel for receiving a high-resolution Bluetooth signal.

The V30 preamp is also equipped with a phono input for connecting a turntable (12). The currently selected program source is shown on the left side of the display (6) (for example, IN1, XLR, USB, COAX, OPT, BT).

2.4 Bluetooth

The built-in Bluetooth feature allows wireless transmission of a high-quality music signal from a Bluetooth-enabled player, such as a Bluetooth device, a smartphone, tablet or computer. To use the Bluetooth feature, an appropriate player must first be connected to your A30 or V30. This process is also referred to as pairing and is done in no time.

First select the Bluetooth input with the source selector switch (3). The display will show on the left side the display BT, which signals an active and operational Bluetooth input. Then navigate to the Bluetooth menu on your player. Make sure the Bluetooth feature is turned on and start searching for available Bluetooth devices in your environment. For details on the operation of the Bluetooth settings on your player, please refer to the documentation of the corresponding manufacturer in case of doubt.

Then select the A30 or V30 as the audio playback device and wait a moment for the connection to be established. The then appearing display PAIRED on the left upper edge of the display (6) signals a successful connection of both devices. As soon as you start playing music on your connected player, the UNLOCKED indicator on the top right of the display changes to LOCKED. In this state, the device is locked for other players, so that the already started music playback can not be interrupted by another Bluetooth player. To start playing music from another Bluetooth device, stop playback on the already connected device first. The display on the upper right edge of the display then changes back to UNLOCKED, signaling the readiness to receive another music signal.

2.5 Volume adjustment

To adjust the volume, use the turntable (9). The currently selected volume value is displayed on the right side of the display (6) with a numerical value from 0 to 99.5.

2.6 Input sensitivity / level adjustment

Often, the signal sources connected to a hi-fi system have different levels. Switching creates a volume jump that can be prevented by individually adjusting the input sensitivity of a single high-level input (13,14) or a phono input (12). Select one of the adjustable inputs (12, 13, 14) with the Qullenwahlschalter (3) and adjust the listening volume with the volume control (9) to the desired level. Check if the levels are identical by switching to other inputs. If you notice an unpleasant difference in level, press the LEVEL button (7). By turning the volume control (9), you can adjust the level of the selected input within a range of -9.5 to +9.5 dB. Pressing the LEVEL button (7) again will save the sensitivity value for the selected input and the device will return to normal operating mode.

NOTE: Please note: During level adjustment all remote controls are disabled. While making menu settings on the main unit, the supplied RC 3 remote control can not be used.

2.7 Balance

By pressing the balance button BAL (8), the right-left balance of the output signal can be adjusted by means of the volume control (9). The current setting is shown in the display (6) on the right side. Pressing the balance button BAL (8) again saves the selected setting and the device returns to the normal operating state.

2.8 (Bass/Treble)

By pressing the BASS (4) or TREBLE (5) button, you can raise or lower the bass or treble range within a range of -14 to +14 dB, thus adjusting it to your individual listening preference. The adaptation is done together for all inputs. The currently selected value is shown in the display (6) on the right side. To exit the BASS and TREBLE menus, press the BASS (4) or TREBLE (5) button again. The set value is then saved and the device returns to the normal operating state.

2.9 Reset (Default Setting)

The reset option allows you to reset the device to its original state and thus to all factory settings. The following settings are reset as part of a reset:

- Individual input sensitivities of the phono inputs (12) and the high level inputs (13,14) (see section 2.6)
- Balance adjustments of the right-left channels (see section 2.7) and the bass / treble sound settings (see section 2.8)
- AV Throughput function for high level inputs (12,13) (see section 1.11)

To perform a reset, first switch the device to standby mode with the on / off switch (2). Then press and hold down the bass button (3) and the level button at the same time and switch the device on again with the on / off button (2). Wait until the RESET indicator in the display (6) goes out and the unit returns to normal operating condition. Your A30 Integrated Amplifier or V30 Preamp is now reset to its factory settings.

Appendix 3

2.10 Cleaning and Maintenance

Surface and pressure of the housing are largely scratch resistant. This can be cleaned with mild soapy water or a gentle glass cleaner and a soft duster.

ATTENTION: When cleaning, never allow liquid to get inside the housing. In addition, the power cord should be unplugged before wiping for safety reasons. Do not use solvents or abrasives that could damage the surface or printings of the case

2.11 Troubleshooting

Often, supposed defects can be attributed to operating errors, sometimes other components connected to the A30 or V30 are also responsible for a malfunction. Before contacting your dealer or us for a defect, we ask you to check the following list to see whether you can remedy the malfunction yourself.

1. No music playback

- a) Accidentally switching to stand-by mode via the remote control. Press the on / off button (2).
- b) If the display is dim and the Power LED (1) is off, the power supply fuse may be defective. Since this is mostly due to a defect in the power supply or the amplifier electronics (for example due to a lightning strike), please contact your dealer.

2. The device shuts off during operation

In this case, one of the protection circuits (e.g., overtemperature, short circuit) has responded. Also contact your dealer here.

3. Hum during music playback

- a) A connected turntable is in the vicinity of an electrical device whose magnetic interference field scatters into the pickup or a corresponding cable.

4. Remote not working

- a) The batteries of the remote control are empty. Please replace the batteries (see section 1.14.1)
- b) There is no direct connection between the remote control and the device, or the distance is too great.

12.2 Warranty

If, contrary to expectations, a mistake occurs that you or your specialist dealer can not remedy, then we repair your device for up to two years from the date of purchase free of charge. The warranty covers material and working time, transport costs are due six months after the date of purchase of the owner.

Regardless of the country in which the device was purchased, the decisive factor for guarantee and warranty is German law. If one of the following provisions is legally ineffective, it shall be replaced accordingly by a statutory provision.

Conditions for your warranty claim are:

1. The device must have been purchased from an authorized AVM dealer. Devices that come from other sources are not repaired, not even with costs.
2. Guarantee registration is done through our website: avm.audio
3. The fault must not have been caused by improper handling or intervention in the device.
4. In case of repair, the device must be sent to us in its original packaging. If this is not the case, we are entitled to refuse acceptance. In any case, we assume no responsibility for transport damage.

If you no longer have the original packaging at hand, please contact your specialist dealer. On request, we can also provide you with a packaging directly. But we have to charge a fee of \$50.00

5. The sent device must be accompanied by a short description of the fault. Please print out our SERVICE FORM. This can be found at www.avm-audio.com under SERVICE.
6. In case of doubt, we reserve the right to request a copy of the purchase invoice. In case of unauthorized submission, or if there is no damage to the device, we reserve the right to charge a processing fee.

NOTE: If you do not ship your device from Germany, please ensure proper export documents. Unfortunately, we can not assume any costs resulting from improper export, failure to declare or customs clearance. Check with your local dealer for local service centers