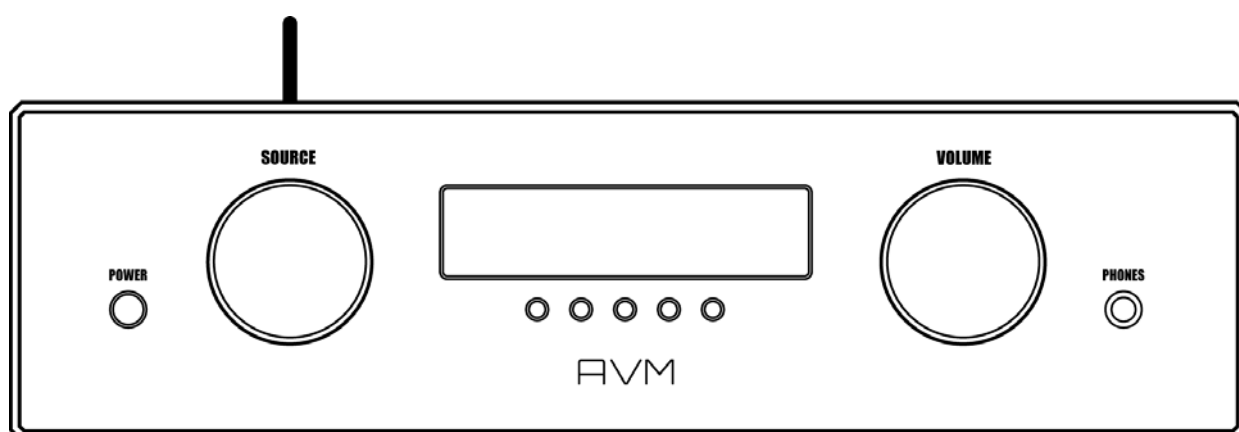


## Operating instructions

# OVATION SD 6.2

# OVATION SD 8.2



**AVM**  
AUDIOPHILE MASTERPIECES



## **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.

**AVM Audio Video Manufaktur GmbH**  
**Daimlerstraße 8**  
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**Germany**

[www.avm.audio](http://www.avm.audio)  
[info@avm.audio](mailto:info@avm.audio)

## **Dear customer**

Thank you for purchasing this AVM product. You now own a versatile, excellent sounding hifi component. Before enjoying music, please read this manual carefully. After that you will know how to use your new SD 6.2 / 8.2 in the optimal way.

Please note that the range of functions of your AVM hifi component can be easily expanded by means of a software update at any time. Hence, the present operating instructions will require continued updates going forward. You you can always download the most current version from our website at [www.avm.audio](http://www.avm.audio).

Sincerely yours,

**The AVM Team**

# Table of contents

<b>1</b>	<b>Getting started</b>	<b>6</b>
1.1	What's in the box?	6
1.2	Control and operating elements	6
1.3	Installation and cooling	7
1.4	Connection to mains	7
1.5	Connecting digital sources	8
1.6	Connecting analogue signal sources	8
1.7	Connecting a recorder	8
1.8	RC 9 remote control	8
1.9	RC S App for iOS and Android	9
1.10	Network installation (LAN, WiFi)	9
1.11	Software updates	13
<b>2</b>	<b>Basic operation</b>	<b>14</b>
2.1	First operation / self test	14
2.2	Switching on / stand by	14
2.3	Selecting a signal source	14
2.4	Volume setting	14
2.5	Setting of input sensitivity	15
2.6	Samplerate and filter settings	15
<b>3</b>	<b>Advanced Settings</b>	<b>16</b>
3.1	Global settings	16
3.2	Personal Setup	17
3.3	Reset	18
<b>4</b>	<b>Appendix</b>	<b>20</b>
4.1	Cleaning	20
4.2	Troubleshooting	20
4.3	Conditions of warranty (EC only)	21
<b>5</b>	<b>Specifications</b>	<b>22</b>

# 1 Getting started

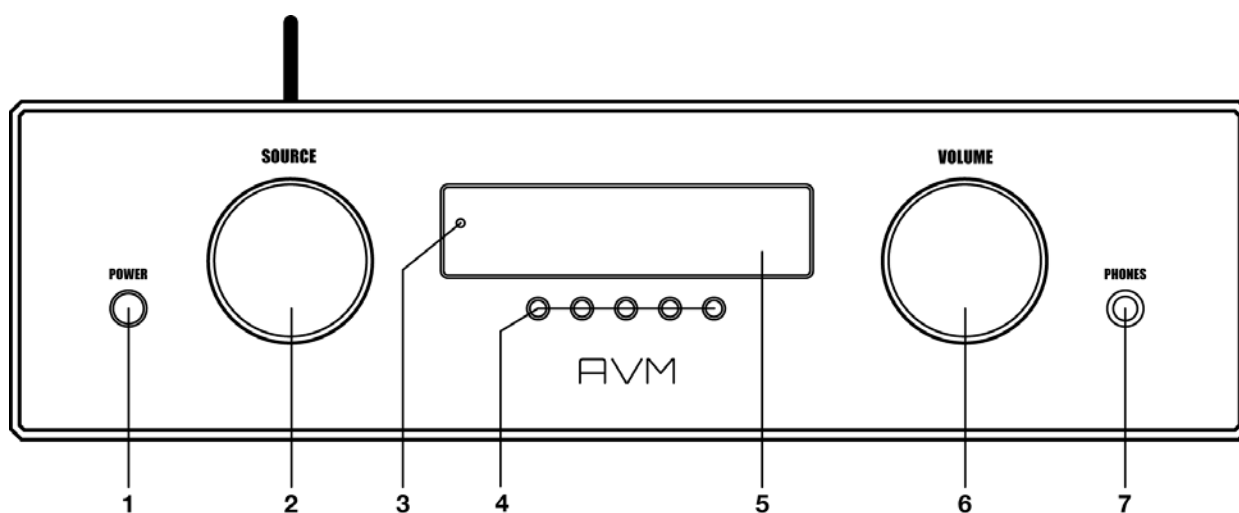
## 1.1 What's in the box?

- **OVATION SD 6.2 / 8.2**
- **WLAN antenna**
- **Power cable**
- **Optional accessory: RC 9 remote control with docking station, power supply unit, USB charging cable**

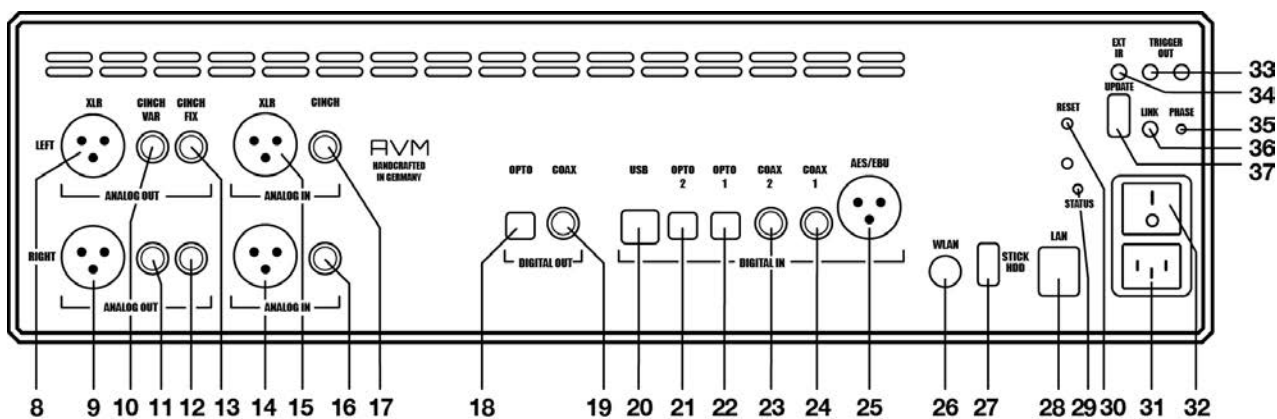
**CAUTION:** After unpacking, please check the scope of delivery to ensure that all parts have been supplied and are undamaged. In case the original packing has already been opened, please contact your local dealer. Often, your dealer prepares your new device prior to delivery to adapt and change the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

## 1.2 Control and operating elements

The numbers in the drawings below mark the control elements. They refer to the numbers in the text, where the operation of the unit is described.



- |                                       |                    |
|---------------------------------------|--------------------|
| 1 Power button (on / off)             | 5 Display          |
| 2 Source Selector                     | 6 Volume knob      |
| 3 Control LED                         | 7 Headphone output |
| 4 Multifunctional buttons (a,b,c,d,e) |                    |



- |    |                                  |    |                                    |
|----|----------------------------------|----|------------------------------------|
| 8  | Analog output left (XLR)         | 23 | Digital input (Coaxial 2)          |
| 9  | Analog output right (XLR)        | 24 | Digital input (Coaxial 1)          |
| 10 | Analog output left (Cinch, Var)  | 25 | Digital input (AES/EBU)            |
| 11 | Analog output right (Cinch, Var) | 26 | WiFi antenna socket                |
| 12 | Analog output left (Cinch, Fix)  | 27 | USB A input                        |
| 13 | Analog output right (Cinch, Fix) | 28 | Network port (LAN)                 |
| 14 | Analog input right (XLR)         | 29 | Status LED                         |
| 15 | Analog input left (XLR)          | 30 | Reset button (Streaming module)    |
| 16 | Analog input right (Cinch)       | 31 | Mains connector                    |
| 17 | Analog input left (Cinch)        | 32 | Mains switch                       |
| 18 | Digital output (Optical)         | 33 | Trigger outputs                    |
| 19 | Digital output (Coaxial)         | 34 | Connector for external IR receiver |
| 20 | Digital input USB B              | 35 | Phase LED                          |
| 21 | Digital input (Optical 2)        | 36 | Link                               |
| 22 | Digital input (Optical 1)        | 37 | Configuration port                 |

### 1.3 Installation and cooling

The unit can become hot depending on demanded output power or environmental temperature. Therefore, it is important, that the cooling air can flow unhindered into the air inlet in the bottom and flow out through the holes in the rear panel. Direct exposure to sunlight is not recommended because this will heat up the unit.

### 1.4 Connection to mains

Connect the unit to the mains outlet by using the power cord which is (in some countries) delivered together with the unit. Make sure that mains voltage is according to the value printed on the rear panel of the amp (near mains connector).

**CAUTION:** Keep the unit switched off until all audio connections are made.

## 1.5 Connecting digital sources

Connect the outputs of your digital sources to the corresponding digital inputs of the SD 6.2 / 8.2 (20 - 25). You can choose from two optical inputs (21, 22), two coaxial inputs (23, 24), the USB B input (20), or the AES/EBU input (25).

## 1.6 Connecting analogue signal sources

Connect the outputs of your signal sources to the analogue inputs (14-17). The upper row is for the left channel, the lower row is for the right channel.

## 1.7 Connecting a recorder

The input of a digital recorder must be connected to the digital outputs (18, 19). The signal on the digital outputs depends on the selected source such as **DIG COAX**, **DIG OPT**.

## 1.8 RC 9 remote control

The optionally available RC 9 remote control allows for easy and comprehensive control of your devices. Before you can use the RC 9 together with your device, both components need to be connected. This process is also referred to as **Pairing**. In order to start the pairing process, please follow the instructions as described in section 1.8.1. A detailed description of the entire functionality of the optionally available RC 9 remote control can be found in a separate manual on our AVM website at [www.avm.audio](http://www.avm.audio).

### 1.8.1 Pairing

In order to control your device with a RC 9 remote control, both components need to be linked first. This process is also referred to as **Pairing**. To start the pairing process, please switch off your device by using the mains switch on the rear side of the unit. Now please navigate to the **Systems Settings** menu on your RC 9 remote control by pressing the Settings key and navigate to the menu item **Start Pairing** *without* selecting it with the **Enter** key yet. Switch on your device by using the mains switch (30) on the rear side of the unit and immediately press the **Enter** key of your RC 9 remote control to now start the **Pairing** process. The name of a successfully detected device will instantaneously be shown on the display of your RC 9 remote control and can be edited by using the alphanumeric input keys of the RC 9 remote control. After confirming the name of the paired device with the **Enter** key, you can also choose one of four available **Hotkeys**. Details on how to use the **Hotkey** function of your RC 9 remote control can be found in a separate manual on our website at [www.avm.audio](http://www.avm.audio). By pressing the **Enter** key on your RC 9 remote control again, the pairing process is completed.



## 1.9 RC S App for iOS and Android

The RC S App for iOS and Android will turn your smartphone or tablet into an easy-to-use remote control and provides a variety of intuitive features to get the most out of your network-enabled device. The RC S App is available free of charge and can be downloaded from the [Apple App Store](#) and the [Google Play Store](#).

## 1.10 Network installation (LAN, WiFi)

In order to use the variety of integrated streaming functions such as **Music Server** (local NAS drives etc.) or **Online Services (TIDAL, Qobuz, Webradio, Podcasts)** your device needs to be connected to the internet via a router in your local home network. You can choose from a wired LAN connection or a wireless WiFi connection. In order to use the wireless WiFi connection of your device, the included WiFi antenna needs to be installed first.

### LAN vs. WiFi

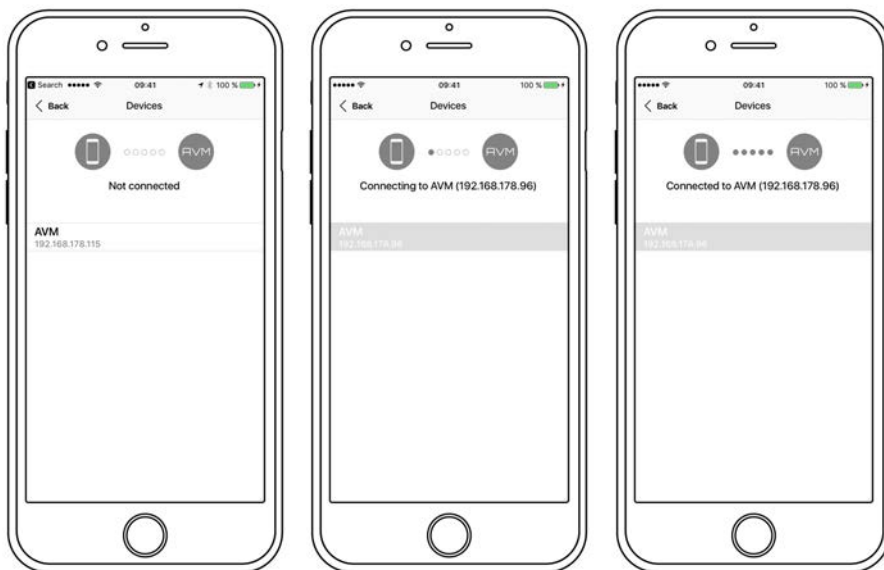
Before using the wireless WiFi functionality of your device, an initial set-up of a wired LAN connection is mandatory. This non-recurring step is required to set-up an initial WiFi connection between your device and the RC S App via your local home network.

**NOTE:** To ensure a smooth WiFi operation of your device, it is highly recommended to remove the LAN cable after the initial set-up process described in section 1.10.2 has successfully been completed. This is because a wired LAN connection is always prioritized by the device which automatically leads to a wired LAN connection as soon as a LAN cable is connected at a later time and the device has been restarted by switching it off and on again via the mains switch on the rear side of the unit.

Please make sure to carefully follow all steps below to successfully set up a wired LAN connection or a wireless WiFi connection.

### 1.10.1 Setting up a wired LAN connection

- ✓ Please switch off the device on the rear side of the unit
- ✓ Plug a LAN cable from your local router into the LAN port of the device.
- ✓ Switch on the device on the rear side of the unit. Wait until the device has started and went into stand by mode. Now, switch it on with the power button on the front side.
- ✓ After a brief starting process, your device automatically connects to your local home network and is ready to be operated via the [RC S App for iOS and Android](#).
- ✓ Launch the RC S App on your smartphone or tablet. The RC S App will now automatically search and list all available AVM devices in your local network with their respective device name and IP address (e.g. "192.168.xxx.x" etc.).



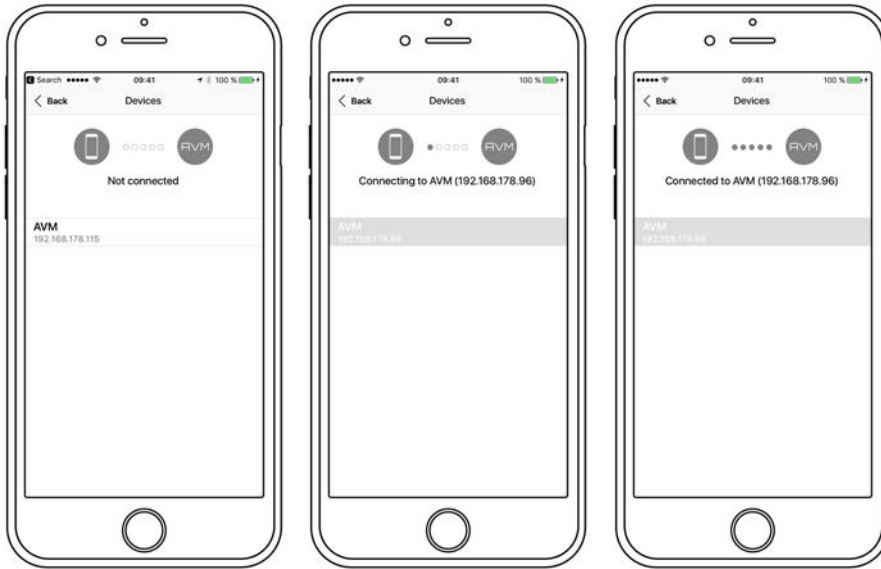
- ✓ Choose an available device and wait until a connection is established.

### 1.10.2 Setting up a wireless WiFi connection

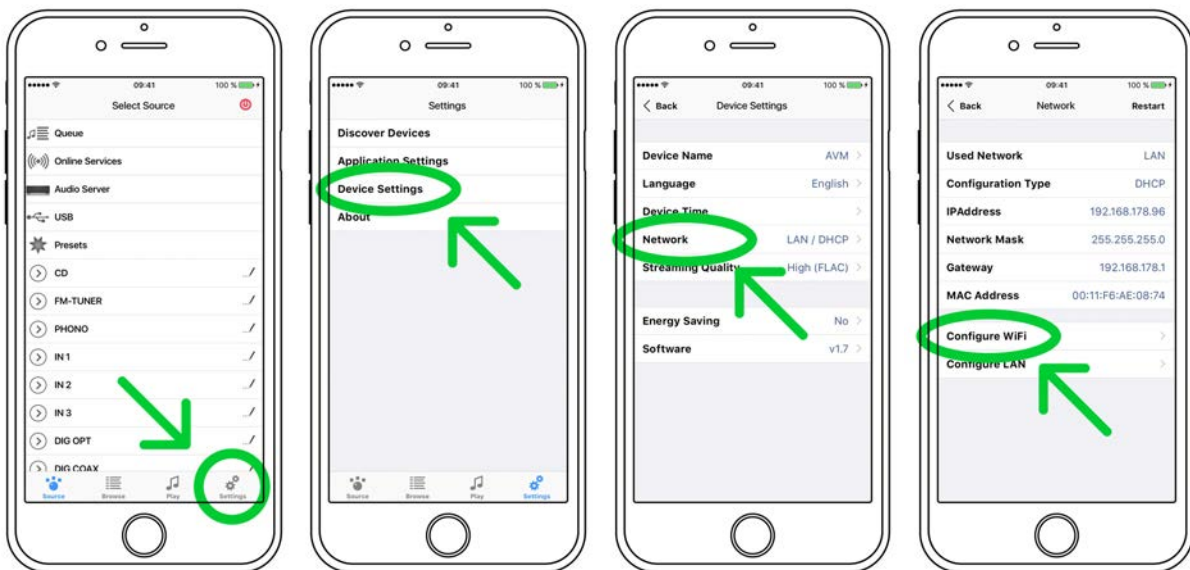
To set up your device with a wireless WiFi connection, you need to download and install the free [RC S App for iOS and Android](#) or use the optionally available RC 9 remote control. The following instructions refer to the installation process by use of the RC S App. For details on how to connect your device with the RC 9 remote control, please refer to section 1.8.1. A detailed description of the entire functionality of the RC 9 remote control can be found in a separate manual on the AVM website at [www.avm.audio](http://www.avm.audio).

**NOTE:** Before using the wireless WiFi functionality of your device, an initial set-up of a wired LAN connection is mandatory. This non-recurring step is required to set-up an initial WiFi connection between your device and the RC S App via your local home network.

- ✓ Please switch off your device on the rear side of the unit.
- ✓ Plug a LAN cable from your local router into the LAN port of your device.
- ✓ Switch on the device on the rear side of the unit. Wait until the device has started and went into stand by mode. Now, switch it on with the power button on the front side.
- ✓ After a brief starting process your device automatically connects to your local home network and is ready to be operated via the [RC S App for iOS and Android](#).
- ✓ Launch the RC S App on your smartphone or tablet. The RC S App will now automatically search and list all available AVM devices in your local network with their respective device name and IP address (e.g. "192.168.xxx.x" etc.).



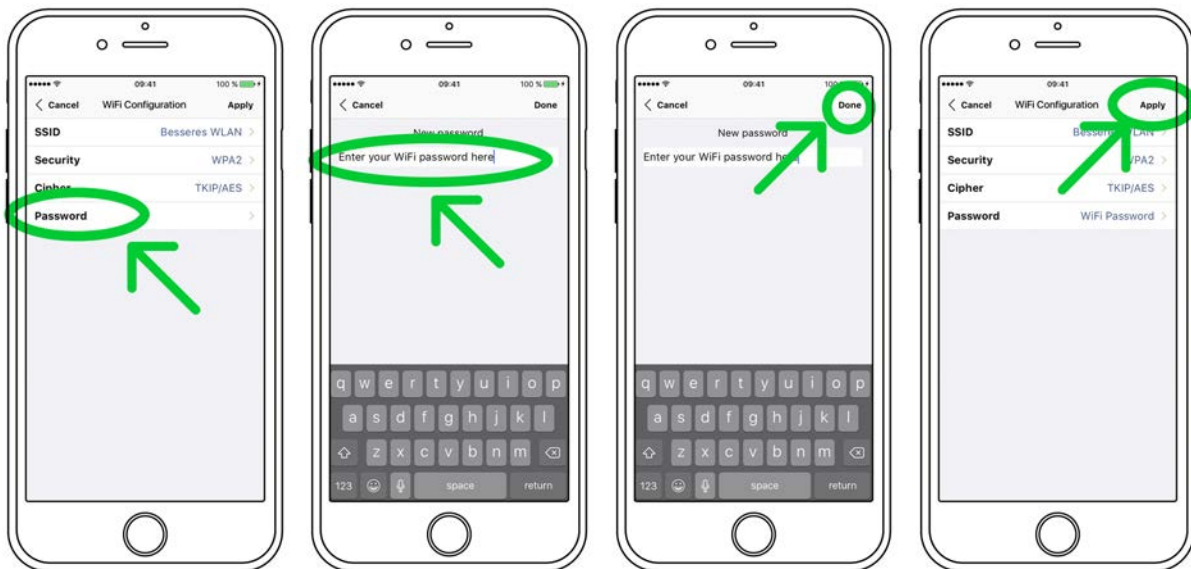
✓ Choose an available device and wait until a connection is established.



✓ Navigate to the **Settings** tab on the RC S App and choose **Device Settings / Network / Configure WiFi**.



- ✓ After you have selected the **SSID** menu option, you will be provided with a list of all available WiFi networks. Choose a WiFi network and select a respective **Security** and **Cipher** setting.



- ✓ Choose the menu option **Password** and enter your WiFi password. Confirm with **Done** at the upper right-hand corner. Now, confirm your WiFi settings with **Apply** at the upper right-hand corner.
- ✓ Under **DHCP**, you will be asked if your device should obtain an IP address automatically (if yes, please make sure the **DHCP** option is activated). Now, confirm your choice with

**Apply** at the upper right-hand corner and **remove the LAN cable from the LAN port right afterwards.**

**CAUTION:** Unless your local home network has been configured with static IP addresses, we highly recommend to activate the **DHCP** option.

- ✓ The integrated streaming module of your device will now restart. This process can take up to 30 seconds. Please make sure to not switch off the device while it is restarting (which is happening under the hood without any indication on the display of the device).
- ✓ The device is now connected with your wireless WiFi network.

**PLEASE NOTE:** When switching from a wired LAN connection to a wireless WiFi connection or vice versa, a restart of the integrated streaming module is always required. To restart the streaming module via the RC S App, please go to the **Settings** tab, choose **Device Settings, Network**, and press the **Restart** button on the upper right-hand corner. Switching off the device on the rear-side with the mains switch also causes a restart of the integrated streaming module.

## 1.11 Software updates

To get the most out of your AVM HiFi streaming system, please make sure you always keep the RC S App and the streaming software of your device up-to-date. You can download the latest version of the RC S App in the [Apple App Store](#) or the [Google Play Store](#). To check whether your device runs the latest version of the streaming software, please make sure the device is connected to the internet (see section 1.10) and follow the instructions below.

- ✓ **Streaming software update via the RC S App:** Navigate to the Settings tab and choose *Device Settings / Software / Check for Updates*.
- ✓ **Streaming software update via the RC 9 remote control:** Navigate to the *Receiver Settings* menu and choose *Software / Update*.

## 2 Basic operation

### 2.1 First operation / self test

In case the SD 6.2 / 8.2 was not connected to mains a self test will be performed when it is switched on by the mains switch (32) for the first time. The unit will check its configuration and that all the installed components work properly. The procedure is shown in the display. Afterwards the unit will switch to stand by.

### 2.2 Switching on / stand by

Using the button power (1) you can switch between on (operate) and stand by. When switched on, the display (5) lights up and the LED (3) is off. In stand by mode the display is off and the LED is on to indicate that the unit is still connected to mains.

**CAUTION:** When switched to stand by the unit is still connected to the mains. In case of a thunderstorm or if you leave the house for a longer time we recommend that you switch the amplifier off by using the mains switch (32) or pull the mains plug.

### 2.3 Selecting a signal source

A local signal source (analog inputs, digital inputs etc.) can be selected by rotating the source selector (2) until the desired source appears on the display. More sources such as **Webradio**, **Podcasts**, **TIDAL**, **Music Server**, or **USB** can only be selected via the optional RC 9 remote control or the free [RC S App for iOS and Android](#).

**CAUTION:** If you activate a digital input that has no valid signal, **NO DIG SIGNAL** or **NO USB PLUGGED** is shown on the display (5).

### 2.4 Volume setting

Use the rotary encoder (6) to set the desired volume. Depending on rotating speed the volume increases / decreases in 0.5 dB steps (slow) or 2 dB steps (fast). The actual setting is shown on the display (5).

**NOTE:** Please note that if the volume is changed using the optionally available RC 9 remote control, the level always increases / decreases in 2 dB steps.

## 2.5 Setting of input sensitivity

The level of signal sources differs often by several dBs. You recognize a step in volume, when switching between two different inputs. With the sensitivity setting menu you can avoid this. The sensitivity of each input can be adjusted between – 9.5 dB and + 10.0 dB.

Select any input and chose a convenient volume level. Now press the multifunctional button 4c under the display for more than 2 seconds. The button is now marked **EXIT LVL**. By switching between the sources you can now adjust the level of the respective input by turning the volume knob (6). Pressing this multifunctional button 4c under the display again will exit the level setting mode and bring the unit back to normal operating mode.

**NOTE:** While the level setting mode is active the unit will not respond to any RC 9 remote control command.

## 2.6 Samplerate and filter settings

If a digital input is selected, you can choose from a variety of different sample rate settings by using the multifunctional buttons (4) entitled **CONV**. The currently selected sample rate is always shown at the upper right hand side of the display (44.1, 48, 88.2, 96, 176.4, 192, 352, 384 kHz). The acronym **NAT**, standing for "native", entails a direct processing of the signal without changing the original sample rate. The acronym **CNV**, standing for "Conversion", indicates an applied upsampling or downlsampling process to the incoming signal. The digital filter settings **STEEP** and **SMOOTH** can be set according to your personal preference. Please note that a chosen filter setting is only true for a selected input and is being recalled every time you select the respective input again, even when the device has completey been switched off before.

**NOTE:** When USB is selected as a signal source, only the settings **NAT / STEEP** and **NAT / SMOOTH** can be chosen.

### USB B digital input

If a digital signal from a computer (PC or Mac) is connected to the USB B digital input of your SD 6.2 / 8.2 you can choose between two differnet modes (**LO RES** or **HI RES**) by pressing one of the multifunctional buttons 4d, 4d.

**LO RES** can be used to play back a digital input signal with a sample rate of up to 96kHz without the need for an additional audio driver on your Windows PC or Macintosh Computer.

**HI RES** can be used to play back a digital input signal with a sample rate of up to 384kHz/24 Bit (PCM) or DSD64 and DSD128 without the need to install an audio driver on your Macintosh Computer. If you are using a Windows PC you will need to install an additional driver which is availbale for download on the respective product page at [www.avm.audio](http://www.avm.audio). Please note that you need to select the **HI RES** input mode in order to play back a DSD64 OR DSD128 file.

## 3 Advanced Settings

Your SD 6.2 / 8.2 offers a number of custom specific settings in its advanced settings menu. To enter the menu just tap on the button **MENU** (4). The button now changes to **EXIT**. A second tap on this button leads you to the normal operating mode. When the menu system is active you can select the desired function using the buttons **< ITEM >** (4a, 4b). The setting is done using the buttons **< VALUE >** (4d, 4e).

Depending on the actual source the advanced settings menu offers a range of selected settings described in the following.

### 3.1 Global settings

#### 3.1.1 Set tone control

**Set tone control** activates or deactivates the integrated sound settings menu of the SD 6.2 / 8.2 which enables you to individually adjust the bass or treble level of a certain sound source or lets you choose from a range of available loudness curves.

**Set tone control** can be bypassed (**BYPASS**) or activated (**ACTIVE**). In case the **set tone control** option is activated **TONE ON** is shown in the display (4), otherwise **LINEAR**. When switched to **ACTIVE** the sound settings menu is ready to operate but will only be enabled if one of the associated parameters such as **set bass**, **set treble** or **set loudness** is being altered. In case all three parameters are in a neutral position (**BASS = 0**, **TREBLE= 0**, **COUNTOUR = OFF**) the **set tone control** option remains ready for operation without processing the signal. You can choose if you want to change bass and treble settings simultaneously for all inputs (**GLOBAL**) or exclusively for the currently selected input (**INDIVIDUAL**). If you wish to set individual settings, a prior parameterization of the respective sound sources is required first (see 3.2.2 ). The loudness option depends on speakers and properties of the listening room and is therefore always **GLOBAL**.

**NOTE:** In case tone control is set to **BYPASS** the menu will skip the **set bass**, **set treble** and **set loudness** settings.

#### 3.1.2 Set bass

Set the bass level between – 5 dB and + 9 dB.

#### 3.1.3 Set treble

Set treble level between – 7 dB and + 7 dB.



### 3.1.4 Set loudness

If you listen to music at low levels, you often recognize that bass and treble reproduction are weak. This is because the human ear is not sensitive to bass and treble at low sound levels. To compensate this you can use the parametric loudness function of the SD 6.2. This function will increase bass and treble levels when you decrease the volume. When the volume is increased the frequency response will be more and more flat and remain linear at high volume levels. In order to obtain best results we recommend you proceed in the following way: Set the amplifier to a moderate volume level. Using the buttons < **VALUE** > (4d, 4e) choose a loudness curve ("OFF", 1-9) which provides the best sound impression and exit the menu with button 4c (**EXIT**).

**NOTE:** The loudness function selects automatically the correct loudness curve depending on the actual volume setting. That is why a different curve than the previously selected one may be shown in the loudness menu as soon as you alter the volume. This is not a malfunction.

### 3.1.5 Set balance

Set the balance between right and left channel for optimal stereo image.

## 3.2 Personal Setup

The personal setup offers you a range of settings to individualize the device according to your personal needs. To enter the **personal setup** menu, please switch off your device on the rear of the unit at the mains switch (32). Keep the most right key under the display pressed (4e) while you switch on the unit again (32). As soon as the display shows the **personal setup** menu you can release the multifunctional button (4e). When the personal setup is active you can select the desired function using the buttons < **ITEM** >. The button **SELECT** activates the function. The setting is done using the buttons < **VALUE** >. **BACK** leads you back to other settings. **EXIT** exits the personal setup and stores the settings.

### 3.2.1 set display brightness

Sets display brightness 25% to 100%.

**NOTE:** The setting 100% can lead to "burn in" effects on the display if the unit is operated in this setting for a very long time. In order to avoid such "burn in effects" please switch the unit to stand by, if not in use.

### 3.2.2 Bass & treble control

Choose if you want to change bass and treble settings globally for all inputs (**GLOBAL**) or solely for the actual input (**INDIVIDUAL**).

### 3.2.3 skip unused inputs

Deactivate unused inputs (**SKIPPED**). The unit will then skip these inputs when the source selector (2) is rotated or if you select a sound source via the optionally available RC 9 remote control or the free [RC S App for iOS and Android](#).

### 3.2.4 define input names

You can individually set the names (max. 8 characters) of the different sources shown on the display (5). Proceed as follows:

Press **SELECT**. With **< ITEM >** you can now select an individual input in order to alter its name. The display now shows on the left side the old name, on the right side the new name. The character to change is marked by an underscore. The keys **< POS >** (4d, 4e) select the position of the character to change. The marked character can be set using the volume knob (6). When you are ready, simply press **BACK** (4c) and the new input names are stored.

### 3.2.5 gain fix / variable

If a surround system is connected to the SD 6.2, specific settings such as channel balance, tone settings and bass management are controlled by a separate decoder. These settings may not be altered by other components in order to maintain the balance of all channels. For this application, the SD 6.2 / 8.2 offers the **gain fix** function (only for inputs 14-17) by both passing through the signal with a fixed gain setting and bypassing all sound control settings (see 3.1.1).

### 3.2.6 Set IR control

In addition to control the SD 6.2 / 8.2 via the optionally available RC 9 remote control or the free [RC S App for iOS and Android](#), a range of essential functions can also be controlled via the classic RC 3 or RC 8 infrared remote controls. In order to receive a respective infrared signal of the RC 3 or RC 8, please make sure to activate the **set ir control** function (**ON**).

## 3.3 Reset

### 3.3.1 Factory default settings

The **RESET** menu cancels certain or all hardware settings and makes the unit return to its factory default settings.

To enter the **RESET** menu, please switch off your device on the rear of the unit at the mains switch (32). Keep the middle key under the display pressed (4c) while you switch on the unit again (32). As soon as the display shows the reset menu you can release the multifunctional button (4c). Select if you want to clear the input names (**NAMES**) or reset the unit completely (**ALL**). **CANCEL** will bring the unit back to normal operating mode without resetting any item.

### 3.3.2 Network & Streaming Module Reset

To perform a reset of the integrated network & streaming module, please switch off your device at the mains switch (32). Keep the **RESET** button (30) pressed while you switch on the unit with the mains switch (32). As soon as the **Status LED** (29) stops flashing, you may release the **RESET** button (30). As indicated on the display (5), the device now switches to stand-by mode which may take a little longer than usual. The reset is now complete. You may subsequently turn on the device with the power button on the front of the unit (1).

The following settings will be reset to the factory defaults:

1. Network settings (e.g. stored WiFi passwords etc.)
2. Language is set to English (App)
3. Stored **Presets** are deleted

The following settings will **NOT** be reset or deleted:

1. Streaming service accounts such as **TIDAL** and **QOBUZ**
2. **Webradio** history
3. Stored **Favorites**

## 4 Appendix

### 4.1 Cleaning

Use a soft cloth and normal glass cleansing fluid.

#### **CAUTION**

Make sure that no fluid comes into the unit. Do not use scouring cleaners. They may damage the surface.

### 4.2 Troubleshooting

Some putative defects are often caused by mistakes in operation. Sometimes other units connected to the amplifier can cause problems. We therefore kindly ask you to read the following tips before consulting your dealer or us.

#### **1. No playback**

- a) Mute function is active, press button MUTE on your remote control or increase the volume using the rotary encoder (6).
- b) Inadvertent switching to stand by. Press power button (1). If the LED indicator and display do not light up a fuse can be blown due to overvoltage (e.g. in case of a thunderstorm etc.). Please contact your dealer.

#### **2. RC 9 remote control doesn't work**

- a) Charge the included lithium-ion battery of the optionally available RC 9 remote control (see section **Error! Reference source not found.**).
- b) Point with the remote control transmitter directly to the unit.
- c) Reconnect the RC 9 remote control with your SD 6.2. This process is also referred to as **Pairing**. In order to start the pairing process, please follow the instructions as described in section 4.4.5.

#### **3. AVM device is not detected or listed by the RC S App for iOS & Android after it has been switched to stand-by overnight or for a longer period of time**

- a) Please make sure to **avoid WiFi Standard 2,4 GHz / 802.11n+g** in the administration panel of your local WiFi router and select one of the supported WiFi Standards instead (2,4 GHz / 802.11b+g or 2,4 GHz / 802.11n+g+b).

### 4.3 Conditions of warranty (EC only)

If despite expectations a defect occurs that cannot be repaired by yourself or your dealer, we undertake the repair of your unit free of charge for up to three years from date of purchase. The warranty covers the costs of material and working time, transport costs are to be borne by the owner.

Provisions for this warranty are:

- The unit must have been purchased from an authorised dealer. Equipment from other sources will not be repaired, not even at charge.
- The warranty registration card, together with a copy of the bill of sale, must be received by us within four weeks of the date of purchase.
- The defect must not have been caused by improper handling or misuse.
- Return the unit to us only in its original packing. If this is not possible, we are entitled to refuse acceptance. We will not assume responsibility for transport damage under any circumstances.
- A short description of the defect is to be included with the returned unit.
- In cases of doubt we reserve the right to request a copy of the bill of sale.
- We also reserve the right to levy a handling charge for items returned without good or valid reason, or if the unit proves to be not defective.

**NOTE:** If you are returning the unit from a country other than Germany you should ensure that correct export documents are obtained. We cannot accept any charges for costs arising from improper or incomplete export documentation.

If you have purchased your unit from a dealer outside Germany please refer to him or the relevant importing firm to process the warranty.

## 5 Specifications

### 5.1.1 Preamplifier

Input sensitivity (1V Out)	20 mV bis 360 mV (adjustable)
Input impedance	6,8 kOhm
Input overload capability	3,6 V

### 5.1.2 Digital input

Samplerate	upsampling /downsampling (switchable) up to 384 kHz / 32 Bit
Frequency response	<20 Hz – 80 kHz (depending on input sampling frequency)
Deemphasis	yes, automatically
Input format DIG IN (opt/coax)	SPDIF, 33 kHz – 96 / 192 kHz / 16 – 24 Bit
USB B input	Asynchronous, galvanically isolated
PCM (without driver)	upt to 96 kHz / 24 Bit
PCM (with driver)	up to 384 kHz / 32 Bit
DSD (with driver)	DSD64 (2, 8 MHz), DSD128 (5,6 MHz)
USB A input	
Supported file systems	FAT, FAT32

### 5.1.3 Digital output

Output voltage	2,5 V
Output overload capability	6 V
Frequency response	0Hz to >80 kHz
Crosstalk attenuation	>120 dB
Signal-to-noise ratio	>100 dB
THD	<0,001%

### 5.1.4 Streaming

Supported WiFi Standards	2,4 GHz / 802.11b+g 2,4 GHz / 802.11n+g+b
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Streaming Formats	MP3, WMA, AAC, OGG Vorbis, FLAC (384/23 via LAN), WAV (384/23 via LAN), AIFF (384/23 via LAN), ALAC (384/24 via LAN)
Supported Formats	UPnP, 1.1, UPnP-AV und DLNA compatible Server, Microsoft Windows Media, Connect Server (WMDRM 10), DLNA compatible Server: NAS
Streaming Services	QOBUZ, TIDAL (currently up to 16bit/44.1kHz)
Radio Database	Airable Internet Radio Service (automatic updates)

### 5.1.5 Other

Supply voltage	100 - 240 VAC, 50/60 Hz, typ. 17 W Stand-by mode <5 W
Dimensions (W x H x D)	430 mm x 130 mm x 370 mm
Weight	12 kg (depending on configuration)

#### **NOTE: Energy consumption in stand by mode**

In order to control your SD 6.2 / 8.2 with the optional RC S remote control or the free [RC S App for iOS and Android](#), the integrated streaming module of the device always remains ready for operation, even in standby mode. Please note that this results in a higher energy consumption of about 5 VA (instead of 0,5 VA). In order to save this energy, the device needs to be switched off on the rear side of the unit (32) after going into standby mode.

Changes reserved without notice.

2019/03/26.