MEGASAT

HD 935 Twin V4

user manual

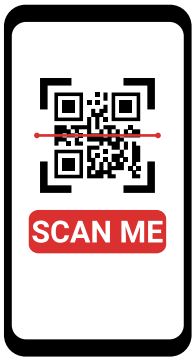
PRODUCT REGISTRATION

By registering your Megasat product, you have access to our automatic e-mail notifications. If your product requires new firmware, you will be notified by e-mail.

To register, please visit our homepage **www.megasat.tv**

You can find the form at **Support ⇨ Product registration**

To conserve resources and protect the environment, we only provide the operating instructions in other languages as a download!



DE QR-Code scannen für mehrsprachige PDF-Anleitung.
EN Scan QR code for multilingual PDF instructions.

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1. Safety instructions

Please read the operating instructions carefully before using the appliance. Incorrect or improper handling will invalidate the warranty.

Mains connection:
Before commissioning, please check the correct operating voltage of your power supply. The operating voltage of the appliance is AC 100~240 V, 50/60Hz, 12V 2A.

Overload:
Do not overload the wall socket, the extension cable or the adapter. Do not use a damaged power cord or touch it with a wet hand as this may result in electric shock.

Liquid:
The appliance must not be exposed to dripping, splashing or other liquids.

Ventilation:
Keep the ventilation slots on the top of the appliance clear to allow sufficient air circulation in the appliance. Do not expose the appliance to direct sunlight or other heat sources such as a heater. Do not place any other electrical appliances on top of the appliance.

Risk of suffocation:
Do not allow children to play with foils or other packaging parts, there is a risk of suffocation.

Cleaning:
Unplug the appliance before cleaning it. Clean the appliance with a soft cloth.

Opening the appliance:
Do not open the housing to avoid the risk of electric shock. Contact qualified and licensed service personnel to repair the appliance or contact your dealer.

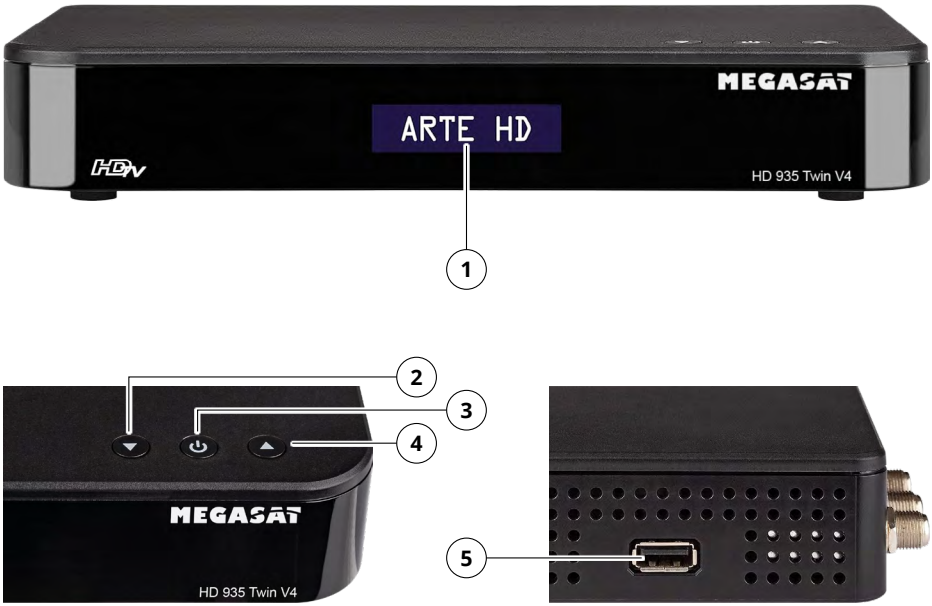
2. Delivery

Please check the scope of delivery before using the device:

- Megasat HD 935 Twin V4
- Remote control incl. batteries
- External power supply unit
- User manual

3. Overview and connections

3.1 Front side



1. **Display**
   Shows the current programme
2. **Programme +**
   Switches up one programme position.
3. **Standby button**
   Press this button to switch the appliance on or put it into standby mode.
4. **Programme -**
   Switches one programme position down.
5. **USB connection**
   Stops playback in USB / Media / UPnP mode.

3. Overview and connections

3.2 Rear side

6. **LNB 2**
   LNB connection for connecting a second feed line from the LNB. The connection is necessary if the twin tuner function is used.
7. **LOOP 1**
   LNB connection for a second receiver
8. **LNB 1**
   LNB connection for connecting the first feed line from the LNB.
9. **ETHERNET**
   RJ 45 interface for connection to the network
10. **HDMI**
    Connection for digital transmission of audio and video signals to the TV.
11. **AUDIO R**
    Analogue audio cinch connection (right)
12. **AUDIO L**
    Analogue audio cinch connection (left)
13. **VIDEO**
    Analogue CVBS video output
14. **USB connection**
    For connecting a USB stick or a USB hard drive.
15. **DIGITAL AUDIO**
    Optical audio digital output
16. **Power supply connection**
    For connecting the power supply via the external power supply unit.

3. Overview and connections

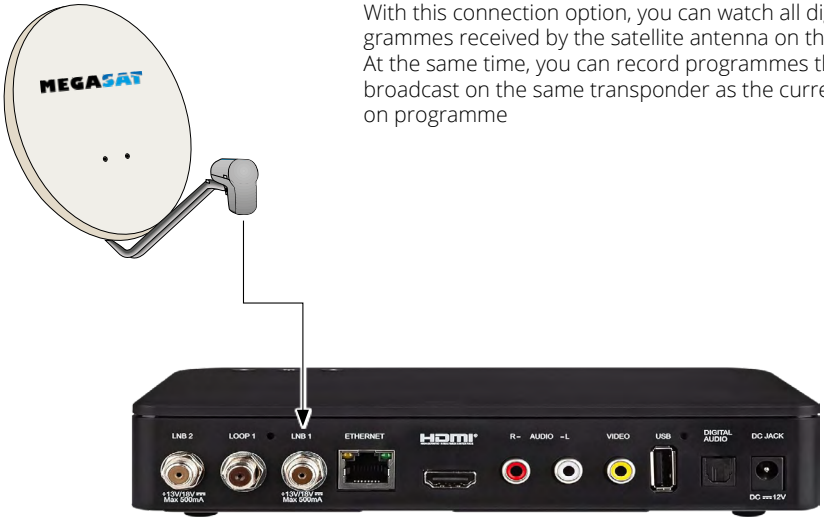
3.3 Remote control

3. Overview and connections

1. **Mute** Mutes the device.
2. **Standby button** Press this button to switch the device on or put it into standby mode.
3. **Number keys** For direct digit entry.
4. **REC** Starts a recording of the current programme on a connected USB storage device.
5. **OPT** Option button
6. **GREEN BUTTON / ■** Function button / Stops playback
7. **RED BUTTON / ◂◂** Function button / fast rewind
8. **YELLOW BUTTON / ▮▮/▸** Function button / Starts or pauses playback
9. **BLUE BUTTON / ▸▸** Function button / fast forward
10. **Navigate up/down/right/left** Use these buttons to navigate through the menu or to switch programmes.
11. **OK** Use this button to confirm an entry or selection.
12. **EXIT / RETURN** Exits the current menu or switches to the previous channel.
13. **EPG** Calls up the programme information of the respective channel.
14. **INFO** Shows information on the respective status.
15. **TV / RADIO** Switches between TV and radio reception.
16. **PROGRAM +/–** Switch one programme position up or down.
17. **VOLUME +/–** Increases or decreases the volume.
18. **MENU** Use this button to display the device menu.
19. **PAUSE** Pauses the current image.
20. **TXT** Calls up the teletext of the current channel (if available).
21. **PIP** Picture in picture function
22. **SOUND** Calls up the sound options of the current programme.
23. **SAT1 / SAT2 / TV** With this remote control, you can control two receivers and a TV set with the same coding by switching the remote control option. To change the setting, press and hold the desired button (SAT1, SAT2 or TV) together with the OK button.
24. **SLEEP** Press this button to set a sleep timer. The receiver switches to standby mode after the time you have set.

4. Connecting the set-top-box

4.1 Single operation



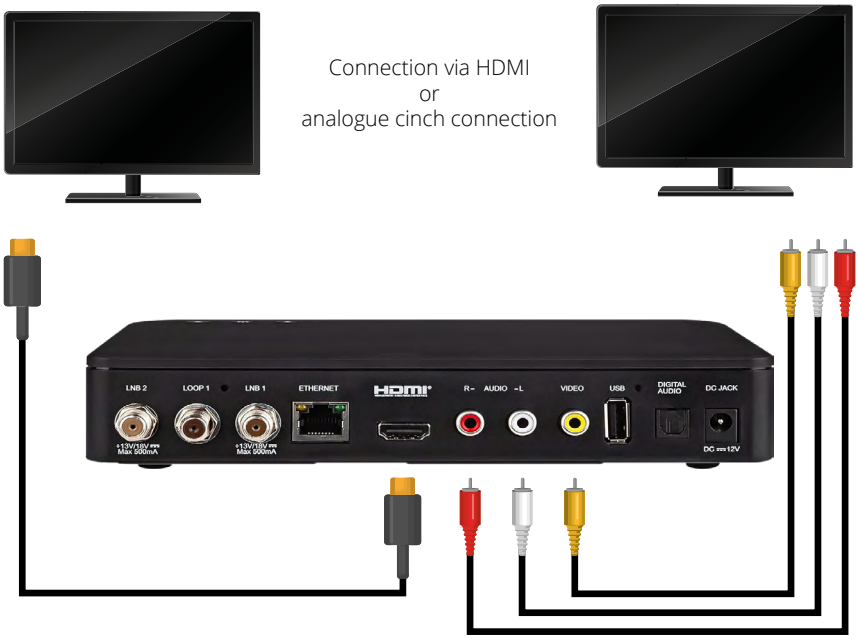
With this connection option, you can watch all digital programmes received by the satellite antenna on the TV.
At the same time, you can record programmes that are broadcast on the same transponder as the current television programme

4.2 Twin operation

With this connection option, you can watch all digital programmes received by the satellite antenna on the TV.
At the same time, you have the option of recording another programme - regardless of the programme set on the TV.

4. Connecting the set-top-box

4.3 Connection to a television

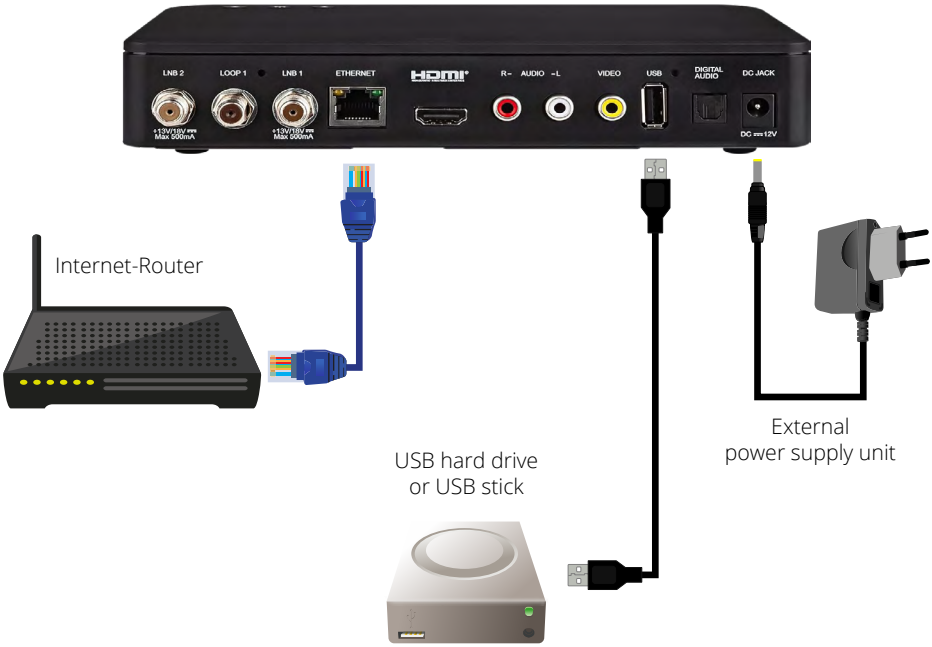


Connection via HDMI

Alternative connection
via analogue chich signal

4. Connecting the set-top-box

4.4 Further connections



Connect an external USB storage medium, such as a USB stick or an external hard drive, to the USB port on the back or side of the receiver.

ATTENTION! Depending on the device type, the external USB mass storage device may also need to be supplied with power via a separate power supply unit. Please read the operating instructions for the USB mass storage device used!

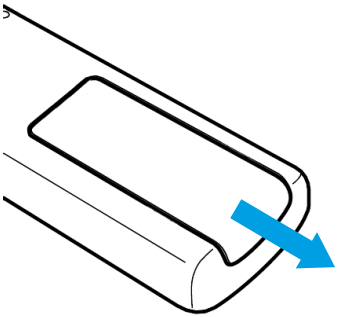
Note:
There are sometimes considerable differences in the read and write speed of USB storage media, especially USB sticks, depending on the quality of the USB device. Please only use USB sticks from brand manufacturers with high speeds to avoid playback errors.

Make sure that the data carrier is formatted in FAT32 file format. In addition, the storage medium must first be initialised on the receiver, which can take approx. 20 seconds.

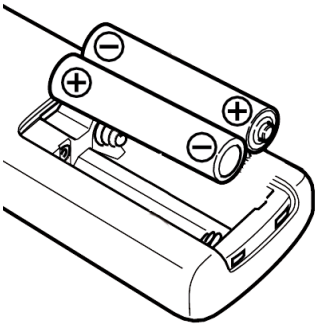
5. Prepare the remote control

5.1 Inserting the batteries

1. Remove the flap on the back of the remote control by pulling it backwards.



2. Insert the batteries into the remote control. Ensure the correct polarisation of PLUS and MINUS. Close the remote control by pushing the flap back on.



5.2 Basic operation with the remote control

- Switch the device on or off using the standby button on the remote control or on the device.
- Use the +/- buttons on the remote control to increase or decrease the volume.
- All settings can be made via the menu in the device.
  - Pressing the MENU button on the remote control takes you to the main menu.
  - Use the arrow buttons to select the settings you want to edit.
  - Press the OK button to confirm an entry or move to the next menu item.
  - Press EXIT if you want to exit the current setting.

6. First commissioning

Once you have connected the device to all the necessary connections, the device can be switched on.

Make sure that the correct input source is selected on your TV (e.g. HDMI 1).

To display the picture from the receiver on your TV, the TV must be switched to the corresponding input to which the receiver is connected. To do this, use the remote control of your TV set.

Depending on the manufacturer, you will find a button on the remote control for selecting the input source. This is often labelled AV, INPUT, SOURCE or a similar symbol.

Press the standby button on the remote control or on the device itself. The menu for initial start-up appears. To commission the receiver for the first time, you can choose between START CLEAR and INSTALLATION ASSISTANT.

Note:
The device has a factory default setting in which reception of the ASTRA 19.2° East satellite is already configured. The menu language for German-speaking countries is also pre-installed.

The programme list contains channels that can be received via this satellite and is sorted at the factory in a sequence that corresponds to common viewing habits.

If you do not wish to make any additional or special device and reception settings, we recommend selecting STARTKLAR.
However, if you would like to make individual settings, select the INSTALLATION ASSISTANT menu item.

6. First commissioning

6.1 Variante 1: READY TO GO

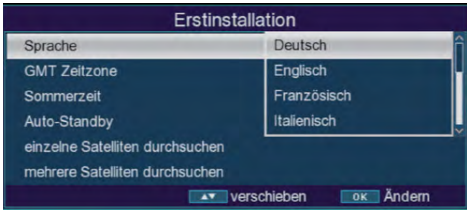
Use the navigation buttons to select the STARTKLAR line and confirm with OK.

The device accepts the preset programme list and then switches to the first TV programme in the list.

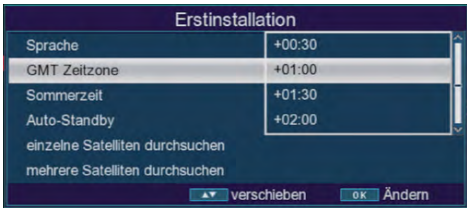
The initial installation is now complete.

6.2 Variant 2: INSTALLATION ASSISTENT

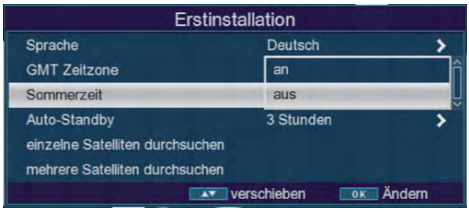
Language
If you want to change the menu language of the receiver, use the navigation buttons to select the Language line and press OK. You can then set the desired language using the navigation buttons and confirm with OK.



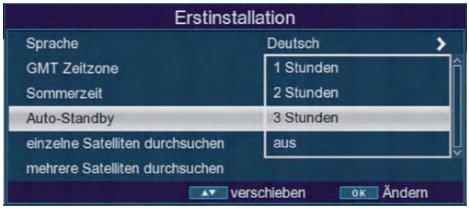
GMT-Time zone
Here you can adjust the time zone according to your location. For the correct time in most parts of Central Europe, select GMT +1 hour.



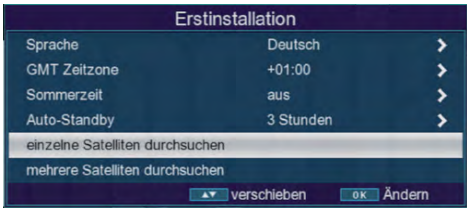
Summertime
Activate or deactivate summer time depending on the current season (summer or winter time).



Auto-Standby
The receiver automatically switches to standby mode after 3 hours without operation if no action such as programme selection or volume change is performed within this period. In this menu, you can set a different time period or deactivate the auto standby function if required.



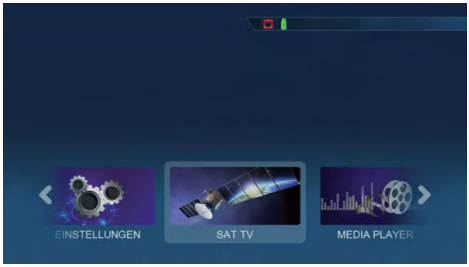
Search satellites
Select one of the following two options to search for programmes from one or more satellite positions.



7. Operation

7.1 Satellite TV

Use the navigation buttons to select the Sat TV menu item and confirm with OK.



The device is preset at the factory so that satellite reception via ASTRA 19.2° East is already configured.

The programme list contains channels that can be received via this satellite and is sorted at the factory in a sequence that corresponds to common viewing habits.

You can change the order of the channels at any time.

7.2 Programme selection

7.2.1 Using the programme up/down buttons

Change the programmes using the arrow buttons on the receiver or on the remote control to switch up or down one programme position at a time.

7.2.2 Using the numeric keypad

Enter the desired programme number using the numeric keypad.

Examples:

- 1 for programme position 1
- 1, then 4 for programme position 14

With multi-digit programme numbers, you have about 2 seconds after each key entry to complete the entry.

If you want to confirm a single-digit or two-digit number more quickly, press the OK button after the last digit to carry out the switching process immediately.

7.2.3 Programme selection via programme list

To make it easier to find individual programmes, your device has a programme list overview.

Press the OK button while a programme is running to call up the programme list.

- Use the arrow buttons to navigate through the list in steps of 1.
- You can use the arrow buttons to jump in steps of 14.
- Select the desired programme and confirm with OK.

The programme list is closed by pressing the OK button or the EXIT button again.

7.2.4 Programme selection via extended programme list

Further sorting options are available in the programme list, which you can select using the coloured buttons on the remote control:

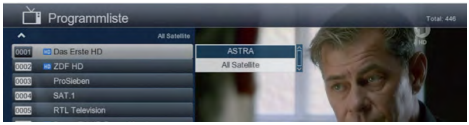
RED button:
Opens the extended channel list, in which you can display the channels sorted by satellite.

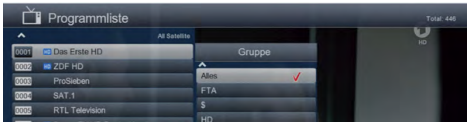
GREEN button:
Calls up your self-created favourites lists.

YELLOW button:
Enables a targeted programme search via a virtual keyboard.

BLUE button:
Sorts the programmes according to the type of encryption system.

Press the EXIT button to exit the extended programme list and return to TV or radio mode.





7.3 Infobox

After each programme change, an info box appears briefly displaying the following information:

- Programme position & programme name
- Current programme & following programme
- Other programme properties such as teletext availability and whether EPG data (Electronic Programme Guide) is available.

You can call up the info box at any time using the INFO button.

- Press the INFO button again to display additional information.
- Pressing the EXIT button hides the info box again.

7.4 Volume control

You can control the volume of your receiver directly, which makes it easier to use the device. This means you have all the important functions on one remote control and rarely have to use the remote control of your TV set.

After switching on the receiver, the sound is played back at the last set volume.

- Turn down the volume: Use the down arrow button.
- Turn up the volume: Use the up arrow button.

Pressing the sound on/off button (mute) mutes the sound. Pressing this button again switches the sound back on.

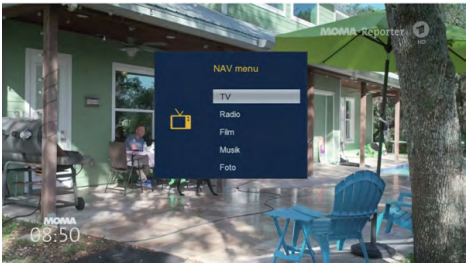
7.5 TV / Radio switching

As well as TV channels, the pre-programmed list also includes radio stations that can be received via satellite.

Press the TV/Radio button on the remote control. The receiver will switch to the radio station list.

Radio stations can be selected in exactly the same way as TV channels.

To return to the TV channel list, press the TV/Radio button again.



7.6 Dolby Digital (AC3 operation)

The receiver can receive Dolby Digital sound. If a programme is broadcast in Dolby Digital Sound (AC3), this sound can be activated.

To play the programme in Dolby Digital format (AC3), switch the receiver to AC3 mode as follows:

1. Press the OPT button on the remote control.
2. Select Audio and confirm with OK.
3. If the programme is broadcast in AC3 format, you can now select the AC3 mode using the arrow buttons and confirm with OK.

You can now listen to the programme in 5.1-channel Dolby Digital sound.

Please note that with the AC3 setting, the analogue sound can be switched off or turned down via the analogue audio output.

7.7 Return to the last set programme

Press the OPT button.
Select the Last viewed field and press OK to confirm.

Press the OK button again to display an overview of the most recently selected programmes.
Select the desired programme and press OK to confirm.

7.8 Teletext

If available, you can use the integrated teletext decoder to display the teletext information of the individual programmes.

1. Switch on the programme for which you want to see the teletext information.
2. Press the TXT button to activate teletext.

Use the numeric keypad to enter the desired teletext page. Your entry is displayed in the top left-hand corner of the screen. Once you have entered the desired page, your device will search for this page.

As the teletext pages are not transmitted simultaneously, it may take a few seconds for the page to load and be displayed on your screen. For all teletext providers, page 100 is the contents page.

Use the arrow buttons to scroll forwards or backwards one page.

Press the EXIT button to return to normal operation.

7.9 Subtitle

Some programme providers broadcast subtitles for certain programmes. To activate the subtitle display, proceed as follows:

1. Press the OPT button.
2. Use the arrow buttons to switch to the „Subtitles“ field and press OK.
3. In the bottom line, you can use the arrow buttons to select the desired language.

Note: Only languages that are broadcast by the broadcaster are available.

Please note that this function is only available if subtitles are actually being broadcast. In addition, this setting is not retained after switching programmes.

7.10 Recording to external hard drive

You can record programmes with the receiver. To do this, you need a USB storage medium, such as a USB hard drive or a USB stick, which you insert into the USB port on the back of the receiver. These recordings can be played back later.

Note: Recording does not start immediately after connecting the USB storage medium, as the device must first initialise itself on the receiver. This process can take approx. 20 seconds.

Depending on the device type, the external USB mass storage device may also need to be supplied with power via a separate mains adapter. Please read the operating instructions for the USB mass storage device used.

Important note:
There are sometimes considerable differences in the read and write speed of USB storage media, especially USB sticks. This depends on the quality of the USB device. Please only use USB sticks from brand manufacturers with sufficient speed and enough free storage space to avoid errors during recording and playback.

Make sure that the data carrier is formatted in FAT32 or NTFS file format.

Tip: The receiver creates a separate folder labelled PVR on the storage medium for recordings. All recordings are saved in this folder. The Stop button takes you to the connected USB storage device, where you can select the folder path for the recordings.

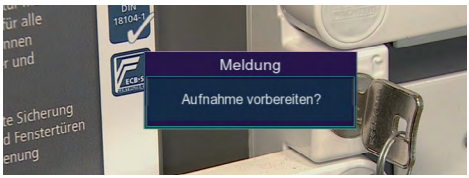
7.10.1 Direct recording

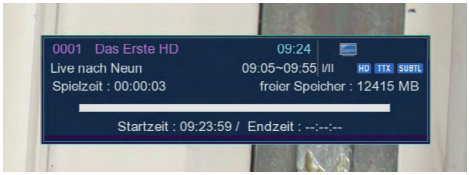
You can record a programme directly during operation.

1. Press the Record button while a programme is running.
2. A recording control window will appear. There you can see which programme is being recorded and the free storage space on the USB data carrier is displayed.
3. You can close the window by pressing the EXIT button.

Note: It may take approx. 5 seconds for the recording to start.

To stop recording, press the Stop button. Confirm the prompt with Yes or No.



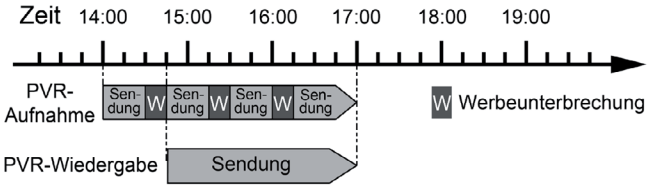


7.10.2 Timeshift

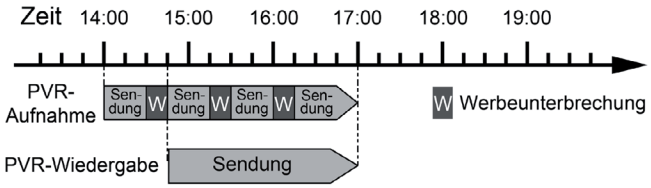
The receiver has a so-called timeshift function in USB recording mode. This function utilises the possibility of simultaneous playback and recording so that time-shifted television is possible.

This is particularly useful if you want to pause a programme that is in progress in order to continue watching it at a later point in time from the paused position.

Example: Skipping commercial breaks
Would you like to watch a programme without commercial breaks? With the PVR function, you can easily skip the recorded adverts.

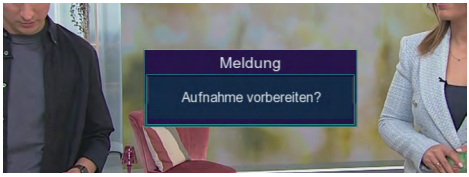


Example: Time-shifted playback
Have you missed the start of a programme? With the PVR function, you can watch the programme at a later time while it continues to be recorded.

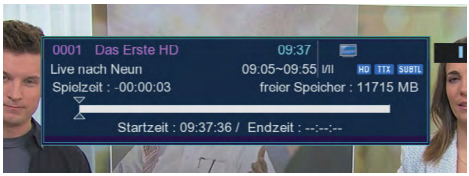


Note:
It may take approx. 5 seconds for the recording to start. The prerequisite is that a USB data carrier is connected to the USB port of the receiver!

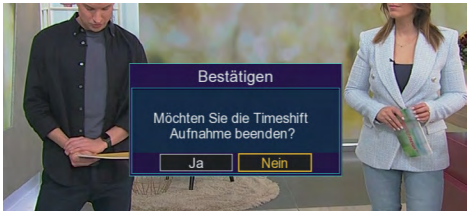
Press the Play/Pause button while the programme is running.
The recorded time is displayed at the top of the screen and the picture is paused.



To continue watching the programme at the paused point, press the Play/Pause button again.
You can switch off the fade-in by pressing the EXIT button.



You can now continue watching the programme from the paused point while it continues to be recorded in the background. To exit the timeshift function, press the STOP button and confirm the prompt with Yes or No.

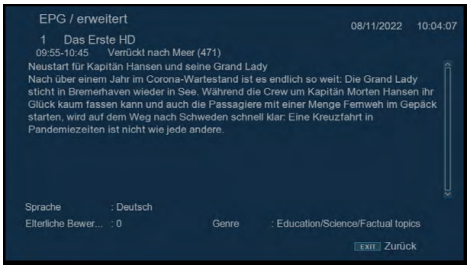


7.11 Electronic programme information EPI

With the EPI function (Electronic Programme Information), you can display programme listings and the content of various programmes directly on the TV screen. This gives you a quick overview of the programmes and their content.

1. Press the EPI button on the remote control while a programme is running.
2. The electronic programme guide will now appear on the screen and the programme name and title of the current programme will be displayed.
3. When changing programmes, it may take a few seconds for the EPI information of the selected channel to be displayed.

Use the arrow buttons to select the programme you would like to see more information about. Then press the INFO button to open a window with the details of the programme.



You can view the EPI data of the individual programmes for the next 7 days. To change the date from which you want to view programme information, first select the „daily“ view using the red function button. You can then select the next day with the blue function button or the previous day with the yellow function button.

You can select a programme change with the green function button or programme a recording by pressing the green button again.

To return to normal TV operation, press the EXIT button.

7.12 Timer programming via EPI

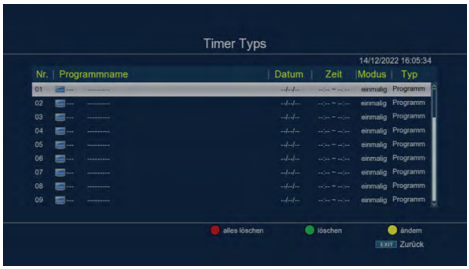
In the EPI menu, you can directly programme a recording that is saved on a connected USB device. You also have the option of setting a reminder. If you mark a selected programme for a reminder, the device automatically switches to the desired programme position at the start of the programme so that you do not miss the start of the programme.

1. In the EPI overview, select the programme that you want to record or to which the device should switch automatically.
2. Then press the green button to set a reminder to switch the programme automatically. A clock symbol appears next to the programme name.
3. If you want to programme a recording, press the green button again. A green symbol appears next to the programme name.
4. In the timer window (OPT button - Timer), use the arrow buttons to highlight the timer line and press OK or the yellow button to change the programme settings. (If necessary, you can adjust the start and stop time).
5. Once you have made all the settings, press the blue button to save and the EXIT button.

7.13 Manual timer programming

In addition to EPI timer programming, you can also set a timer manually.

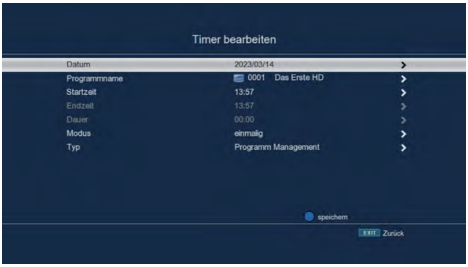
Press the OPT button during operation, switch to the Timer field and confirm with OK.
Select a free timer number and press the OK button to set a new timer.

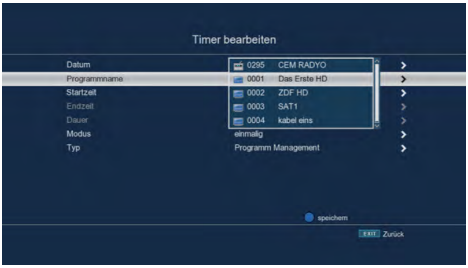


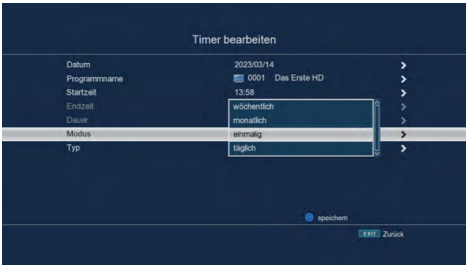
Enter the desired parameters here:

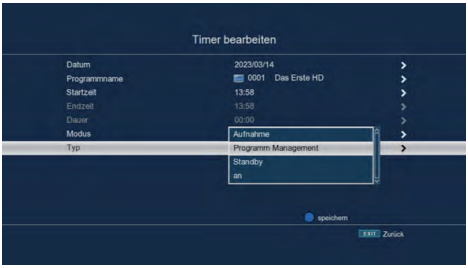
1. Date
   Enter the date on which the recording should start.
2. Programme
   Set the programme that you want to record.
3. Start time
   Select the Start time line, press the right arrow button and enter the desired time at which the timer should be activated. To do this, use the numeric keypad on the remote control.
4. Mode
   Here you can set whether the timer should run once, daily or always on a specific day.
5. Type
   - Channel: The receiver switches on at the set time on the selected channel.
   - Standby: The receiver is switched off when the set time is reached.
   - Recorder: The receiver makes a recording on a connected USB data carrier at the specified time.

Save your settings with the blue function button.









7.14 Programme lists

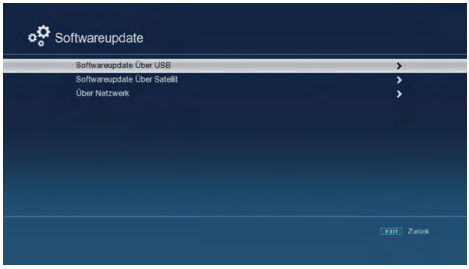
If you have changed the order of the programmes according to your wishes or deleted or added channels from the list, you can save these changes on a USB data carrier. This allows you to transfer the changed list to another device of the same model or to restore the data to the receiver during a factory reset.

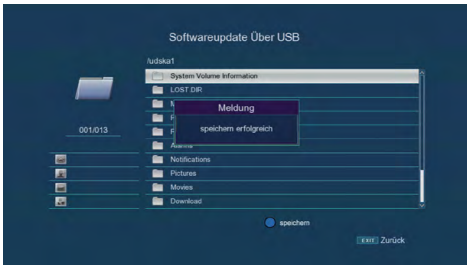
7.14.1 Saving the programme list to USB

If you have changed the order of the programmes according to your wishes or deleted or added channels from the list, you can save these changes on a USB data carrier. In this way, you can transfer the changed programme list to another device of the same model or restore the data to the receiver after a factory reset.

To do this, follow these steps:

1. Connect a USB data carrier to the device. Follow the instructions for USB data carriers.
2. Press the menu button.
3. Switch to the „Settings“ menu item.
4. Select „Software update“ and confirm with OK.
5. Select „Software update via USB“ and press OK to confirm.
6. Press the blue button to save the programme list on the USB data carrier.
7. A backup of the programme list is created and saved as a file.



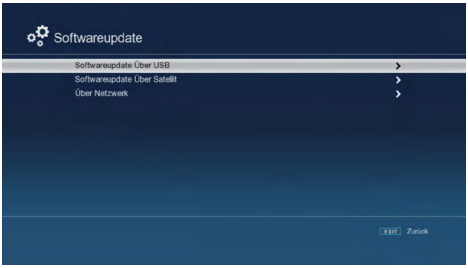


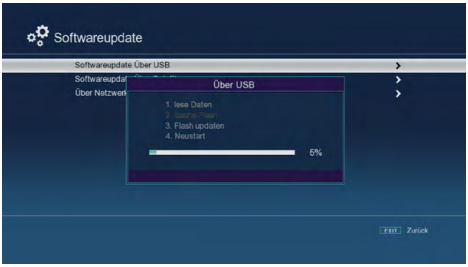
7.14.2 Saving the programme list to USB

You can restore a saved programme list to the receiver under the menu item Programme lists. To do this, proceed as follows:

1. Connect a USB data carrier to the device. Please follow the instructions for USB data carriers.
2. Press the menu button.
3. Use the cursor buttons to switch to the Settings menu item.
4. Select Software update and confirm with OK.
5. Select Software update via USB and press OK to confirm.
6. Open the folder on the storage medium in which the desired programme list was saved.
   Note: The file has the extension .bin.
7. Select the file using the arrow buttons and confirm with OK.
8. The saved programme list is now loaded automatically.

ATTENTION! Do not disconnect the USB storage medium from the receiver under any circumstances during the saving or charging process!





8. Edit programmes

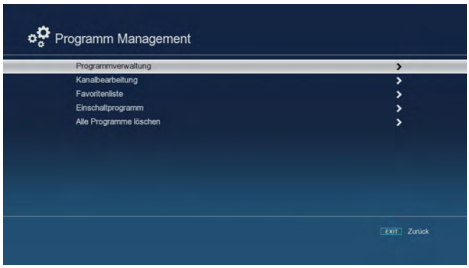
The Programme Management menu item allows you to conveniently edit the available TV and radio programmes. Here you can change the order of the stored TV and radio channels according to your wishes and create new favourite lists.

Proceed as follows:

1. Press the menu button.
2. Switch to the Settings menu item.
3. Switch to the Programme management menu item and confirm with OK.

The following options are available here:

- Channel management: Edit the list of receivable channels.
- Channel editing: Change the audio/video PID or the name of the channel (for experienced users only).
- Favourite lists: Create your own favourite lists. Use the blue button to assign programmes to individual FAV groups.
- Switch-on programme: Specify which programme is displayed when the device is switched on. Activate the function and select the desired programme with which the receiver should start.
- Delete all programmes: Delete all saved programmes and start a new channel list.



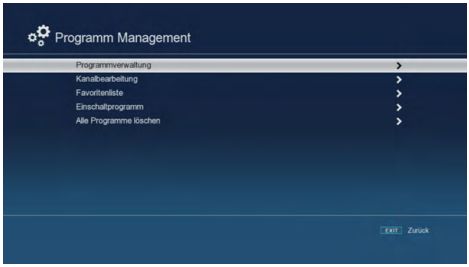
8.1 Programme management

Use this menu item to move programmes to an individual position in the programme list, delete, rename or block programmes.

8.1.1 Locking programmes

To block programmes with a PIN request, proceed as follows:

1. Select the „Programme management“ menu item and confirm with OK.
2. Lock programmes (red): The device makes it possible to provide programmes with a PIN query. This is particularly useful to protect children from potentially adult content.
3. Select a programme to be locked by navigating to it using the arrow buttons.
4. Press the red button on the remote control. A red tick appears after the programme name, indicating that this programme is now blocked.
5. Repeat this process for all other programmes that you want to lock.
6. Save your changes by pressing the EXIT button.



Note: To enter and set the PIN, you must also follow chapter 10.2 on PIN setup.

8.1.2 Delete programmes

To delete one or more preset programmes, proceed as follows:

1. Select the programme to be deleted by navigating to it using the arrow buttons.
2. Press the red button on the remote control.
3. A confirmation prompt appears. If you want to delete the programme, confirm the prompt with OK.

Important note:

- Deleting a programme deletes all selected programmes.
- To restore programmes, you must perform a new search or reset the device to the factory settings.

8.1.3 Moving programmes

To change the order of the programmes and move a programme, proceed as follows:

1. Select the programme you want to move by navigating to it using the arrow buttons.
2. Press the OK button. A yellow tick appears next to the programme name.
3. Move the programme to the desired position by using the arrow buttons again.
4. Press the yellow button to save the programme at the new position.

8.1.4 Skipping programmes

To skip one or more programmes, proceed as follows:

1. Press the blue button for further options.
2. Use the arrow buttons to select the programme you want to skip.
3. Press the red button. A red tick appears next to the programme name, indicating that the programme will be skipped.
4. Press the EXIT button twice to save the changes and return.

The skipped programme can then only be selected by entering the programme number directly.

8.2 Editing favourites lists

You can add one or more channels to a favourites list. This allows you to call up the favourites list during normal operation and select the channels in the list. Creating a favourites list does not change the main channel list.

1. Press the menu button.
2. Switch to the „Settings“ menu item.
3. Go to the „Programme“ menu item and confirm with OK.
4. Select „Favourites list“ and press OK to confirm.

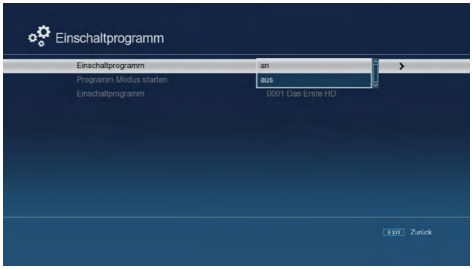
5. Use the blue button to select a favourites list in which you would like to save programmes.

6. Now use the OK button to select the channels to be displayed in this list.
7. Press the EXIT button to save the settings.

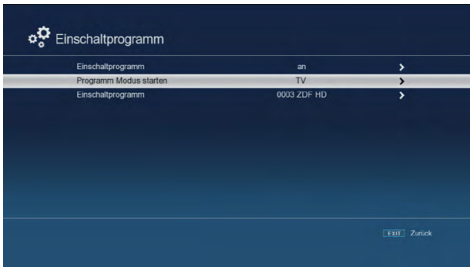
8.3 Switch-on programme

You can use the „Switch-on programme“ function to specify the programme with which the receiver is started when it is switched on using the standby button. If no setting is made, the receiver always starts with the last selected programme.

1. Press the menu button.
2. Switch to the „Settings“ menu item.
3. Switch to the „Programme“ menu item and confirm with OK.
4. Select „Switch-on programme“ and press OK to confirm.
5. Activate the function via the „Switch-on programme“ line.



6. Under „Start programme mode“, select whether the receiver should start with a programme from the TV list or the radio list.



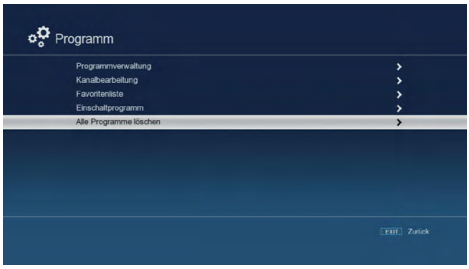
7. Select the programme with which the receiver should start when it is switched on.
8. Press the EXIT button to save the settings.

8.4 Delete all programmes

You can delete all programmes.

Important note:
This setting deletes all programmes! To save the programmes in the device again, please carry out a new search or reset the device to the factory settings.

1. Press the menu button.
2. Switch to the Settings menu item.
3. Go to the Programme menu item and press OK to confirm.
4. Select Delete all programmes and press OK to confirm.
5. Confirm the security prompt with Yes or exit the menu with No.

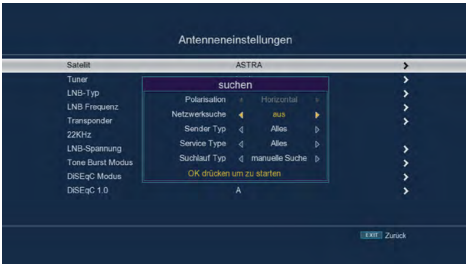


9. Channel search

9.1 Automatic search

You can perform a complete search for one or more satellite positions in order to search for all available transponders again. If you have several satellite positions, you should select the satellite search.
NOTE: The receiver is preset with the parameters of common satellite systems. Changes should only be made if you want to receive programmes or satellite positions that are not preset.

1. Press the Menu button.
2. Go to Settings and press OK to confirm.
3. Go to Satellite settings and press OK to confirm.
4. Go to the Antenna settings menu item and press OK to confirm.
5. Press the blue button.
6. In the window in the Channel type area, decide whether you want to rescan all channels or only scan free-to-air channels. It is recommended that you only search for free-to-air channels with this receiver.
7. If the Network search line is set to „On“, the device searches on all frequencies provided by the satellite operator.
8. Press the OK button to start the search.
9. The search can be cancelled at any time by pressing the EXIT button.
10. If you want to save the channels found, confirm the query with „Yes“ after completing the search or after cancelling via EXIT. You can cancel the saving by selecting „No“.

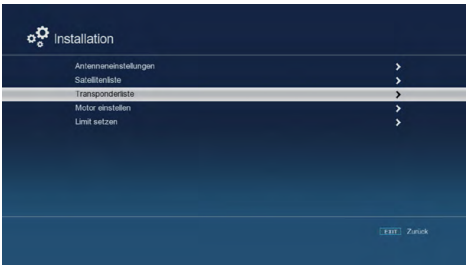


9.2 Transpondersuche

You can search for a specific programme whose transmission parameters are known. This menu item allows you to search for a programme on a known transponder.

1. Press the menu button.
2. Switch to the „Settings“ menu item and press OK to confirm.
3. Switch to the „Satellite settings“ menu item and press OK to confirm.

4. Switch to the „Transponder list“ menu item and press OK to confirm.



5. Select a transponder on which you would like to perform a search and press OK.

6. Press the blue button.
7. Press OK to confirm.
8. If you want to save the channels found, confirm the query with Yes or No after the search is complete or after cancelling with EXIT.

10. Settings

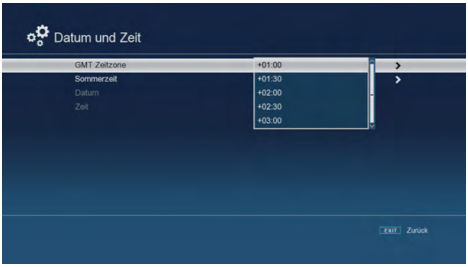
10.1 Date/Time

Here you can set the time and date of the device.

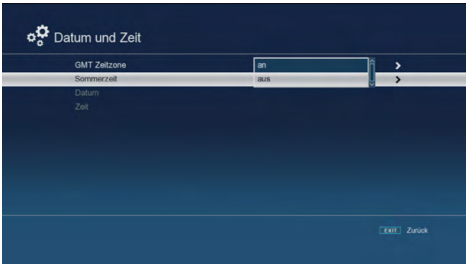
NOTE:
The device automatically receives the current time and date if an aerial signal is present. It is therefore not usually necessary to change the date. The time only needs to be adjusted after a time change (winter/summer time / summer/winter time).

1. Press the Menu button.
2. Switch to the Settings menu item and confirm with OK.
3. Switch to the Time menu item and press OK to confirm.

GMT-Time zone
If the setting is set to auto under Date Time Mode, you only need to correct the time according to your local time. Press the OK button. Now use the arrow buttons to select the time by which you want to correct the local time and press OK to confirm. For Germany, this difference is GMT+1 hour.



Summertime
In the Summer time line, switch summer time on or off, depending on the current time.

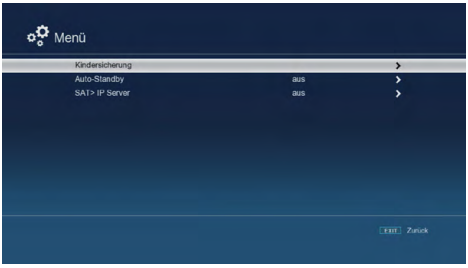


10.2 Childproof lock

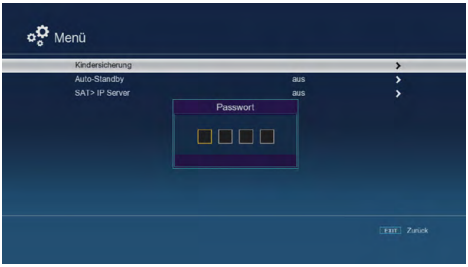
The device offers the option of adding a PIN query to menu settings. This is particularly useful if, for example, you want to protect children from potentially adult content. Programmes that are to be protected with a PIN code can be locked. When calling up a previously locked programme, a four-digit number must then be entered in order to view the programme.

1. Press the Menu button.
2. Switch to the Settings menu item and confirm with OK.
3. Go to System settings and press OK to confirm.
4. Switch to the Child Lock item and confirm with OK.
5. Enter the 4-digit PIN code using the numeric keypad on the remote control. The factory-set PIN code is 0000.

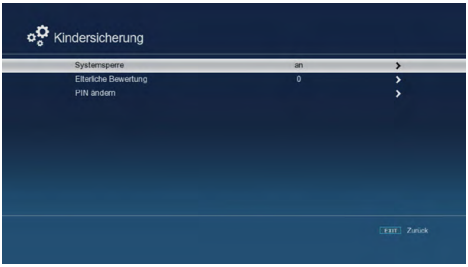
Under System lock, you can block access to the Programme editing menu item so that deleting or sorting programmes is blocked. The PIN code is set to 0000 by default.



You can change the PIN code under Change PIN. Select the Change PIN line using the arrow buttons and confirm with OK.
Enter your new password using the numeric keypad on the remote control and repeat the entry. The password is saved automatically.



Tip:
Write down the new PIN code and keep it in a safe place. If the PIN code is lost or forgotten, the locked functions can no longer be used.

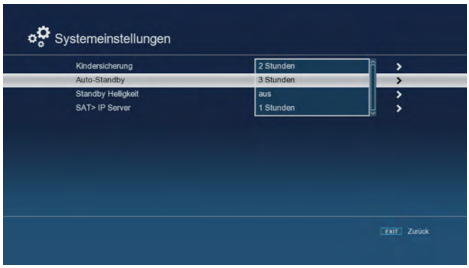


10.3 Auto-Standby

The device's power supply unit complies with a European Union directive on the environmentally friendly design of set-top boxes.
According to this directive, the appliance automatically switches to standby mode after 3 hours if no operating functions such as programme selection, volume change or similar have been carried out during this period.

Caution:
This function is activated on delivery. You can deactivate this function under this menu item.

1. Press the Menu button.
2. Switch to the Settings menu item and press OK to confirm.
3. Switch to the Menu item and press OK to confirm.
4. Switch to Auto Standby and press OK to confirm.
5. Use the arrow buttons to switch this function on or off or select a different time.



10.4 Standby brightness

In the Standby brightness setting, you can adjust the brightness of the display in standby mode. The darker the display is set in standby mode, the lower the energy consumption of the device in standby mode.

1. Press the Menu button.
2. Switch to the Settings menu item and press OK to confirm.
3. Switch to the Menu item and press OK to confirm.
4. Switch to the Standby brightness item and press OK to confirm.
5. Select the desired brightness in 4 different levels and confirm your selection with OK.

10.5 AV-Einstellungen

In this menu, you can customise the receiver to your TV to ensure the best possible display.

1. Press the Menu button.
2. Switch to the Settings menu item and confirm with OK.
3. Go to the AV settings item and confirm with OK.

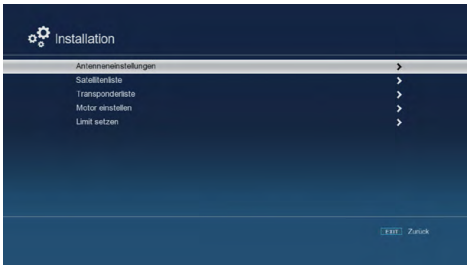
Change the settings if necessary. Please also note the technical specifications of your TV set.

10.6 Antenna settings

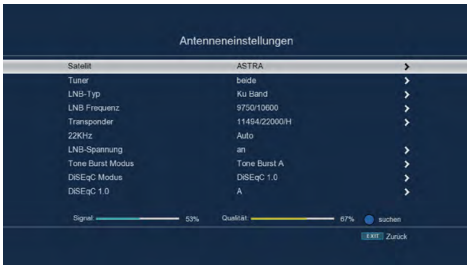
You can use the antenna settings to adjust the satellite receiver to the connected satellite antenna.

NOTE:
The receiver is preset at the factory with the parameters of the most common satellite systems and satellite positions. Changes should only be made if you want to receive satellite positions that have not yet been preset. In this case, please contact your specialist dealer or installation company.

1. Press the Menu button.
2. Switch to the Settings menu item and press OK to confirm.
3. Switch to the Satellite settings item and confirm with OK.



4. Switch to the Antenna settings item and press OK to confirm.



Procedure:
Several parameters for reception can be set in the antenna configuration. The following data is required for this:

- Satellite: Satellite position according to the orientation of the satellite antenna.
- Tuner: Assign the two LNB inputs to the satellite positions that you can receive. If you only receive Astra 19.2 E, set the setting to „both".
- LNB type: LNB type of the previously set satellite position.
- LNB frequency: LNB IF frequency for the low band and high band.
- Transponder: Transponder frequency on which a search can be performed.
- 22KHz: Activate or deactivate the 22KHz signal.
- LNB voltage: Set the LNB supply voltage.
- Tone burst mode: Switch the tone burst mode on or off according to your satellite system.
- DiSEqC: DiSEqC position setting.

For checking purposes, a display in the lower menu area shows the quality and strength of the received signal.

10.6.1 Satellit

Set the satellite positions that you can receive with your satellite system here.

1. Satellite
   Use this item to set the satellite positions that you can receive with your satellite system. Select the „Satellite“ item using the arrow buttons and press the OK button. A list of available satellites opens, which you can scroll through using the arrow buttons. Then confirm with OK.
2. LNB type
   Here you can use the arrow buttons to select the LNB type required to receive the satellite position.
3. LNB frequency
   Use the numeric keypad to set the specific IF frequencies (low and high band) for the LNB.
4. Transponder
   Select the transponder on which the receiver should receive the signal from the selected satellite.
5. 22 KHz
   The 22 KHz circuit is used to realise control commands such as switching between the low and high band in satellite systems. Use the arrow buttons to switch the 22 KHz signal on or off or set it to „Auto“.
6. LNB voltage
   Use the arrow buttons to set the supply voltage for the LNB.
7. Tone burst mode
   Switch on the Tone Burst mode according to the satellite system. This setting depends on your satellite reception system and the associated components.
8. DiSEqC
   In these fields, use the arrow buttons to set the satellite position that is controlled via DiSEqC. This setting depends on your satellite reception system and its components.

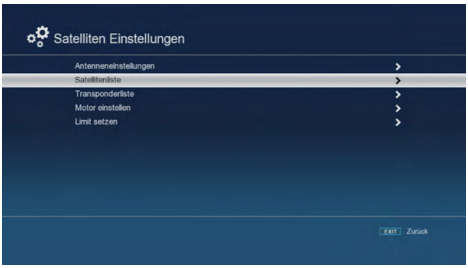
10.7 Satellite list

Under this item, you can view and edit the list of receivable satellites. This is particularly important if you operate an outdoor system with motorised control or have a satellite system with a multi-feed bracket for receiving several satellites. You can search for specific satellite signals in the satellite list.

Note:
The receiver is preset at the factory with the parameters of the most common satellite systems and satellite positions. Changes should only be made if you want to receive satellite positions that have not yet been preset in the device. If you have any questions, please contact your specialist dealer or installation company.

1. Press the Menu button.
2. Switch to the Settings menu item and press OK to confirm.
3. Switch to the Satellite settings item and press OK to confirm.

4. Switch to the Satellite list item and press OK to confirm.

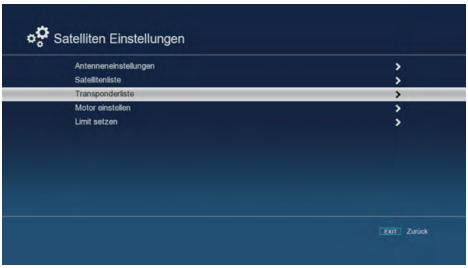


5. You can use the function buttons to add (red), delete (yellow), edit (green) or search (blue) satellites. Use the arrow buttons and the OK button to navigate.
6. Press the menu button to return to the installation menu.

10.8 Transponder list

You can search for a specific programme whose transmission parameters are known. You also have the option of adding new transponders.

1. Press the menu button.
2. Switch to the „Settings“ menu item and press OK to confirm.
3. Switch to the „Satellite settings“ item and press OK to confirm.
4. Switch to the „Transponder list“ item and press OK to confirm.
5. If necessary, use the STOP button to select the satellite position on which you want to search for a programme or add a new transponder. Press OK to confirm.
6. In the transponder list, use the arrow buttons to select the transponder on which you want to search for programmes. Press OK to confirm.
7. Press the blue function button to start the search. The programmes found will be added to the end of the programme list.
8. If a transponder is not yet in the list, you can add it. To do this, press the red function button.
9. Enter the frequency, symbol rate and polarisation using the numeric keypad on the remote control and then press the OK button.
10. The transponder is saved and you return to the transponder list. The newly set transponder is now displayed at the end of the transponder list.
11. Mark the transponder with the arrow buttons, confirm with OK and press the blue „Search“ function button.
12. Once the search process is complete, the programmes found will be displayed.



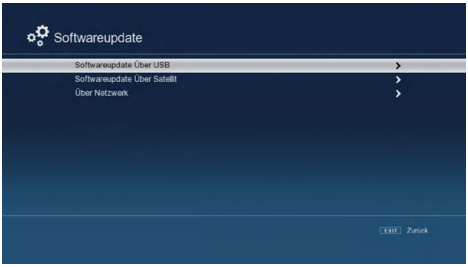
10.9 Software update

To improve the functions of the device, it may be necessary to update the operating software. There are several ways to update the device software.

10.9.1 Software via USB

You can update the operating software of your receiver via the USB interface. If necessary, the required software can be downloaded from www.megasat.tv. After downloading, the file must be unpacked. The unpacked file is then transferred to a storage medium and this is connected to the receiver via USB.

1. Press the Menu button.
2. Switch to the Settings menu item and confirm with OK.
3. Switch to the Software upgrade item and confirm with OK.
4. Select Software update via USB and press OK to confirm.
5. Select the software file and press OK again to confirm.



The update will start automatically. Once the update process is complete, the receiver will restart automatically. To activate the update, call up the factory settings after the software update.

ATTENTION:
Please do not disconnect the USB storage medium from the receiver under any circumstances during the loading process!

10.9.2 Software update via satellite

The receiver can load new software via satellite if this is available. To load the software, the satellite and frequency must be specified.

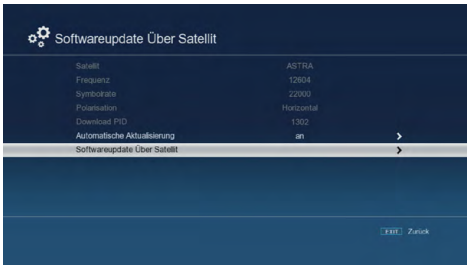
1. Press the Menu button.
2. Switch to the Settings menu item and confirm with OK.
3. Select Software update and press OK to confirm.
4. Select Software update via satellite and press OK to confirm.

The following parameters are preset and do not usually need to be changed:

- Satellite: Astra
- Frequency: 12604
- Symbol rate: 22000
- Polarisation: Horizontal
- Download PID: 1302
- Automatic update: on

The parameters specified are correct at the time these instructions were created and may differ from the current parameters. Please also contact your specialist dealer regarding these parameters. You can change all settings by selecting and adjusting the relevant item using the arrow buttons.

To start the update via satellite, switch to the Software update via satellite line and confirm with OK.

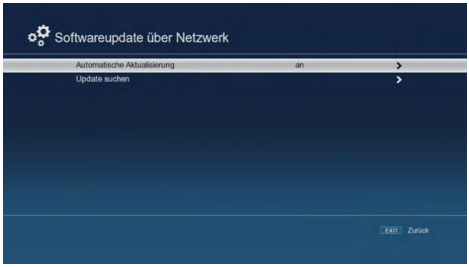


10.9.2 Software update via the network

Provided the receiver is connected to the internet via a network cable, a software update can also be carried out over the network.

To start the update via the network, switch to the Software update via network line and confirm with OK.
Then switch to the Search for update line and confirm with OK.

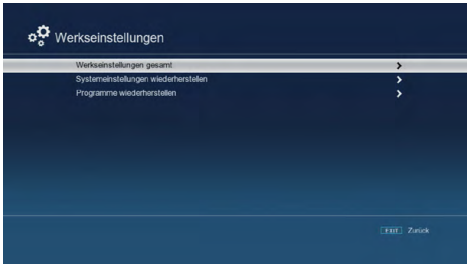
The device now checks the availability of new firmware and downloads it automatically if a new version is available.

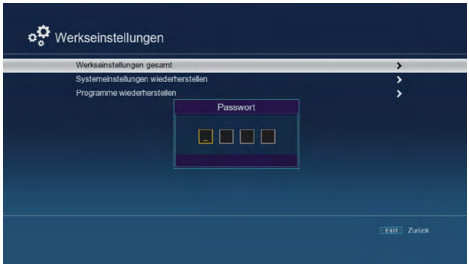


10.10 Factory settings

You can reset all changes you have made to the receiver to the factory settings. This is particularly helpful if changes result in the device not functioning optimally.

1. Press the Menu button.
2. Switch to the Settings menu item and press OK to confirm.
3. Select Factory settings and press OK to confirm.
4. Then enter the 4-digit PIN code using the numeric keypad on the remote control. The factory PIN is 0000.
5. The device is reset to the factory settings and restarts.

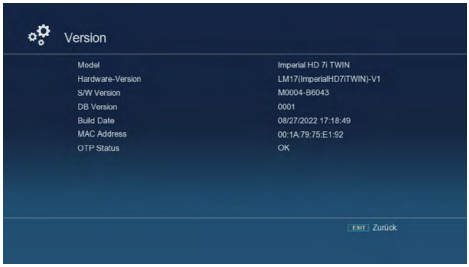




10.11 Version

To check the current software version of the receiver, the information can be called up via this menu item

1. Press the Menu button.
2. Switch to the Settings menu item and press OK to confirm.
3. Select System information and press OK to confirm.
4. You will now receive information on the software and hardware status of the device.

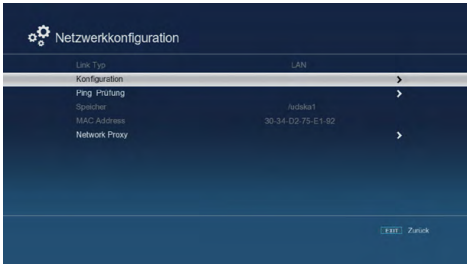


10.12 Network settings

You can change the network settings of the receiver in this menu item. If you connect the receiver to your Internet router using a network cable, the parameters should be set automatically if the configuration is set to DHCP. It is not usually necessary to change these settings.

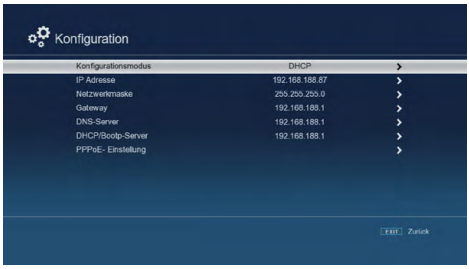
1. Press the Menu button.
2. Switch to the Settings menu item and confirm with OK.
3. Select Network on and press OK to confirm.

In this area, you can now configure the network settings according to your home network.



Configuration mode:

- DHCP: If your device is connected via a router, select DHCP. The receiver then automatically receives the IP address and subnet mask from the router, provided the DHCP function is activated in the router.
- Static: If the DHCP function is deactivated, you must manually adjust the IP address and subnet mask to the settings of your network.



Manual entries:

- IP address: Enter the corresponding IP address for the device if the DHCP function is switched off.
- Network mask: Adjust the subnet mask manually if the DHCP function is set to Static.
- Gateway: Enter the gateway address (usually the IP address of the router).
- DNS server: Enter the DNS server address(es).

These settings allow manual configuration of the network access for the receiver.

10.13 Weather

To access the Weather app on your receiver, you must ensure that the receiver is connected to a network that has access to the Internet (via LAN or W-LAN).

1. Press the Menu button.
2. Switch to the Settings menu item and confirm with OK.
3. Select Weather and press OK to confirm.

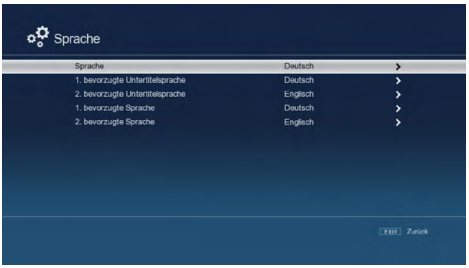
As soon as you have done this, the current weather information for the selected location will be displayed.

10.14 Language

You can set the menu language of the receiver in this area.

1. Press the Menu button.
2. Switch to the Settings menu item and press OK to confirm.
3. Select Language and press OK to confirm.
4. Change the language settings according to your requirements.

After selection, the new language setting is adopted.



11. Mediaplayer

To use the Media Player on your receiver and display or play films, pictures or music files, proceed as follows:

1. Connect the USB mass storage device (USB stick or external hard drive) to the receiver. Make sure that the device uses the FAT32 file format and that the external hard drive reaches a speed of 5400 rpm.
2. If necessary, make sure that the external USB device is supplied with power via a separate power supply unit. Check the operating instructions for the device.

11.1 Video-Player / Musik-Player / Foto-Player

1. Press the menu button on the remote control.
2. Switch to the MEDIA PLAYER menu item and confirm with OK.
3. Now select which player you would like to use:
   - Video Player for videos,
   - Music Player for music files,
   - Photo Player for photos.
4. Confirm your selection with OK.
5. Navigate to the folder containing the file you want to play.
6. Select the file and confirm with OK to start playback.

11.2 USB data carrier management

You have the option of calling up information on the memory status of the connected USB storage medium or formatting it if required.

ATTENTION:
All files on the data carrier will be deleted during formatting!

1. Press the Menu button.
2. Switch to the MEDIA PLAYER menu item and confirm with OK.
3. Select RECORDINGS and press OK to confirm.

Information on the data carrier
Press the INFO button to obtain information about the data carrier.

Format data carrier
You can specify whether the data carrier should be formatted in NTFS or FAT 32 format.
To do this, select the corresponding function using the coloured function buttons.
Confirm the selection with OK.
You will be asked whether you really want to format the data carrier.

- To format, select with the arrow buttons and confirm with OK.
- If you do not want to format the data carrier, press the EXIT button.

12. Bluetooth

The device supports the transmission of audio signals via Bluetooth®. This allows you to connect Bluetooth® headphones to the receiver, for example.
Bluetooth® wireless technology makes it possible to connect compatible devices without cables. This is a short-range wireless technology, which means that the devices do not require a direct line of sight, but still must not exceed a certain maximum distance from each other.

To connect a Bluetooth® playback device such as Bluetooth® speakers or headphones to the receiver, the receiver (as Bluetooth transmitter) and the playback device (e.g. Bluetooth® speakers or headphones) must be paired with each other.

Make sure that the device you want to connect to the receiver is switched on and the Bluetooth® reception function has been activated.

1. Press the menu button on the remote control of the receiver.
2. Switch to the Settings menu item and confirm with OK.
3. Select the Bluetooth® item and press OK to confirm.
4. The receiver now searches for available receivers in the vicinity.
5. As soon as the device is found, it is displayed in the menu.
6. Select the desired device and confirm with OK.
7. The message „Bluetooth® is connected“ appears.

The device is now paired with the receiver and can be used.

13. SAT>IP

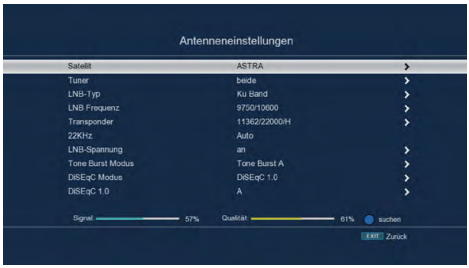
13.1 Sat>IP client function

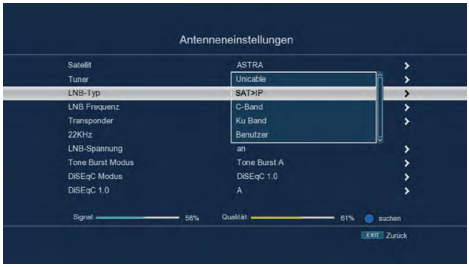
You can use the receiver as a Sat>IP client in conjunction with a Sat>IP router. The prerequisite for this is that both the receiver and the Sat>IP router are integrated into the same network.

In this mode, the receiver does not receive satellite programmes via the usual antenna cable, but via the network interface. A LAN connection is therefore required. Check the network settings under Settings > Network in the device menu.

Make sure that the Sat>IP server device is registered in the same network.

1. Press the Menu button.
2. Navigate to Settings and press OK to confirm.
3. Select Satellite settings and press OK to confirm.
4. Go to Antenna settings and press OK to confirm.
5. Select the Sat>IP option in the LNB type menu item.
6. Confirm with OK and exit the menu with Exit.





13. SAT>IP

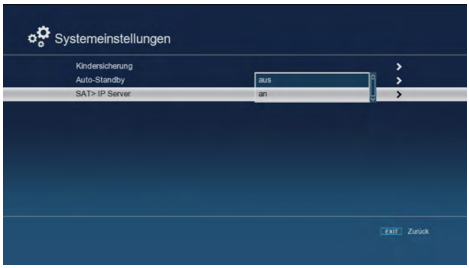
13.2 Sat>IP server function

You can use the receiver as a Sat>IP server.

In this mode, the receiver receives the satellite signals via the aerial cable and makes the TV programmes available as a stream in the home network. Sat>IP-enabled end devices can then receive these programmes via the network.

Note:
Use of the Sat>IP server function requires the second tuner of the receiver. It is therefore not possible to make a recording to a USB data carrier while another programme is being watched during an active Sat>IP transmission.

1. Press the Menu button.
2. Navigate to Settings and press OK to confirm.
3. Select System settings and press OK to confirm.
4. Activate the Sat>IP server function in the corresponding line.
5. Confirm with OK and exit the menu with Exit.



14. Troubleshooting

Symptom	Possible causes	Remedy
No picture, no sound, display and LED do not light up	No mains voltage	Check mains cable and plug
No reception for programmes that were previously OK	Antenna misaligned or defective	Check antenna
	Programme is transmitted on another transponder	Carry out search run
	Programme is no longer transmitted	None
Antenna cannot be rotated	Motor not DiSEqC 1.2 compatible	Use a suitable motor
Various programmes are not displayed in the programme list	Wrong programme list selected	Select another programme list
Ton OK, kein TV- Bild	Radio mode switched on	Switch to TV operation
Programmes such as DMAX via satellite are disrupted	Interference from „DECT telephones“ (radio telephones)	Increase the distance between the receiving station and receiver
Device cannot be operated	Defective data stream => Device blocked	USB storage medium reconnect, if necessary. Check power connection
USB functions cannot be operated	USB storage medium not connected	USB storage medium reconnect, if necessary. Check power connection
In the picture, square square blocks appear in the picture. The device occasionally switches to still image, no sound. The screen occasionally displays „no signal“.	Heavy rain or snow	Remove snow from mirrors
	Antenna incorrectly aligned	Re-align the aerial
	There is an obstacle between the mirror and the satellite (e.g. a tree)	Mirrors with „clear view“ mounted
No picture, no sound, display and LED illuminated	Short circuit in the LNB supply line	Switch off device, eliminate short circuit, put device back into operation
	Defective or missing cable connection	Check all cable connections
	Defective LNB	Replace LNB
	Antenna incorrectly aligned	Re-align the antenna

15. Specifications

General data	
Reception	DVB-S / -S2
Input frequency range	950 - 2150 MHz
Input level range	-65 dBm ... - 25 dBm
Input/output impedance	75 Ohm
Video compression	MPEG-4,264, MPEG-2, up to MP@ML
Video standard	PAL / NTSC
Active picture area	480i, 576i, 576p, 720p, 1080i
Picture format	16:9, 4:3 LB, 4:3 PS
Audio compression	MPEG-1 & MPEG-2 Layer I and II
LNB current	500 mA max. (Short-circuit proof)
LNB voltage	13 V vertical / 18 V horizontal
DiSEqC	DiSEqC 1.0 and DiSEqC 1.2
Video codec	MPEG 2/ MPEG 4
Audio codec	MPEG 1 Layer 2
Connections	
LNB tuner 1	1x
LNB tuner 2	1x
Loop-Through	1x
Ethernet 10/100	1x
HDMI output	1x
Audio/video cinch output (analogue)	1x
USB connection	2x
SPDIF digital optical	1x
Power supply	
Power supply unit	AC 100 - 240 V, 50-60 Hz, DC 12 V, 2 A
Power consumption during operation	max. 10 watts
Power consumption in standby mode	≤ 0.1 watt
Logistical data	
Dimensions 200 x 40 x 130 mm (W/H/D)	200 x 40 x 130 mm (W/H/D)
Weight 290 g	290 g

17. Conformity information

Megasat Werke GmbH hereby declares that the following devices are in compliance with the essential requirements and other relevant provisions of Directives 2014/30/EU (EMC), 2014/35/EU (LVD) and 2014/53/EU (RED):

Megasat HD 935 Twin V4 (Art. No. 0201158)

The declaration of conformity for these products is available from the company
Megasat Werke GmbH, Brückenstraße 2a, D-97618 Niederlauer

You can download the declaration of conformity from our homepage:
www.megasat.tv/support/downloads

Notes

WEEE Reg.-Nr. DE70592344

Version 1.2 (July 2026)
Technical changes, misprints and errors excepted.
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