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A large, light gray watermark of the brand name "DYON" is centered on the page. The letters are bold and sans-serif. The letter 'Y' has a small blue square at its base. The letter 'O' has a small blue square at its base. The letter 'N' has a small blue square at its base.

1 Important safety instructions

- 1) Read these notes.
- 2) Observe these notes.
- 3) Observe all warnings.
- 4) Follow all instructions.
- 5) Do not use the device in the immediate vicinity of water.
- 6) Clean the device only with a soft cloth.
- 7) Do not block the ventilation openings and install the device only in accordance with the operating instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) The unit must be plugged into a grounded outlet.
- 10) Protect the power cord from being walked on or pinched. Pay particular attention to the plug and the area where the power cord exits the unit.
- 11) Use only accessories recommended by the manufacturer.
- 12) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 13) Refer servicing to authorized service personnel only. Refer servicing to qualified service personnel when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, moisture or foreign objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. Das Gerät wird durch Ziehen des Netzsteckers vollständig vom Stromnetz getrennt. Die Steckdose muss während des Betriebes jederzeit frei zugänglich sein.

- 14) Do not block the vents with newspapers, tablecloths, curtains, etc.
- 15) Do not place naked flames (such as candles) on the unit.
- 16) Always dispose of batteries in an environmentally friendly manner.
- 17) The device is designed for use in moderate climate.



WARNING

To avoid fire and electric shock, please do not expose the instrument to rain or moisture.

Do not expose the batteries to heat (direct sunlight) or fire and the like.

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The lightning flash in the equilateral triangle indicates dangerous high voltage inside the device that may cause electric shock.

The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.



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Warning



High-voltage parts are built into this device. Do not remove the housing on the rear side. Leave repairs to qualified service personnel.



To prevent fire or electrical shock, never expose the unit to rain or moisture.



Do not throw any objects against the device, into the housing or into other openings of the device. Do not splash any liquids against the device.



Do not cover the fans on the rear panel of the TV. Sufficient ventilation is required to prevent damage to the electrical components.

Attention



Do not clamp the power cable under the TV.



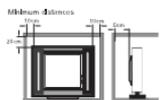
Do not stand on or lean against the device. Do not push the device. The device can be severely damaged if it falls down. You should pay particular attention to this in the case of children.



Do not place your TV on an unstable surface. The device can be severely damaged if it falls down.



Disconnect the AC plug from the power outlet if the device will not be used for an extended period of time.



If the TV is placed in a cabinet or similar enclosure, the minimum clearances must be observed. Heat accumulation may limit the lifetime of the product and it could become dangerous.



Notes on environmental protection

At the end of its service life, this product must not be disposed of with normal household waste, but must be taken to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, in the operating instructions or on the packaging indicates this. The materials are recyclable according to their marking. By reusing, recycling or otherwise recovering old equipment, you are making an important contribution to protecting our environment. Please ask your local authority for the responsible disposal point.



Disposal note

Please do not dispose of defective and discharged batteries in normal household waste. Take used batteries to your specialist dealer or to an appropriate collection point. This will enable you to dispose of them in an environmentally friendly manner. The batteries are usually discharged when the device switches off and signals "battery empty" or "no longer works properly" after a longer period of use of the batteries.

2 Customer service

On our website you will find the latest information about this device, about other products of our company and about our company itself. If you have any questions or problems, please refer to the FAQ's on our website or contact our customer service.

Service address	Support-Hotline
AXDIA International GmbH Service Center Schmelzerstraße 27 47877 Willich	+49 (0)2154 / 8826-101 Web: www.axdiaservice.de E-Mail: support@axdia.de



3 Intended use

The device is intended for the reception and viewing of encrypted and unencrypted digital SD and HD satellite, DVB-S, DVB-T and DVB-C cable TV channels, as well as for the use of the pre-installed online services for private use. It is intended exclusively for this purpose and may only be used for this purpose. This also includes observing all information contained in these operating instructions, in particular the safety instructions. Any other use is considered improper and may result in property damage or even personal injury. Furthermore, this leads directly to the loss of the warranty. The manufacturer accepts no liability for damage caused by improper use.

4 Notes on energy efficiency

The device has facilities for reducing the energy requirement. Make the appropriate settings as required.

TV mode	
During the initial installation and via the <i>MENU button - System - TV mode</i>	
Home mode	Home mode is designed for home use and offers optimized image quality with reduced power consumption.
Business Mode	The business mode especially optimizes the image brightness for a bright environment.
	Important! When using the business mode, the power consumption is increased!

Standby	
Menu setting <i>MENU key - System - Time - Auto standby</i>	
MENU key - System - Time - Auto standby	After a predefined time, the device switches to standby mode.
Automatic network standby (Network Standby)	After a predefined time, the device switches to network standby mode when the network connection is active.



Important!

The device switches itself to standby mode after 4 hours without operation.

Please note that this is NOT a defect, but a legal requirement.

A notice will appear shortly before the unit shuts down. Press any key to avoid this.

Alternatively, switch the device off and on again via the main switch to reactivate it.

In the system settings

(*MENU key - System - Time - Auto standby*)

this function can be deactivated by setting it to "OFF".



Attention!

Deactivating the automatic standby or extending the preset shutdown time results in higher power consumption.



Note

The available modes are designated below as follows, where available

Automatic standby	Autom. Standby
Automatic networked standby	Network standby

5 Declaration of conformity



Hereby, Axdia International GmbH declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directives 2014/53/EU, 2014/30/EU, 2014/35/EU and 2009/125/EC.

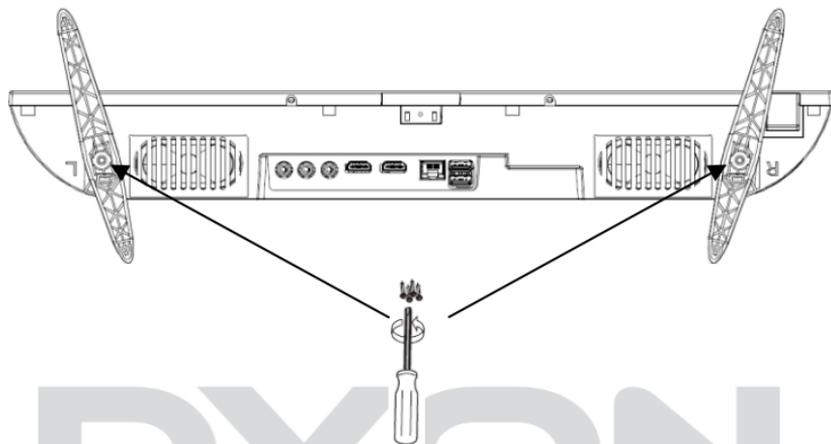
The CE Declaration of Conformity for this product can be found on the Internet at:

www.axdiaservice.de/konform

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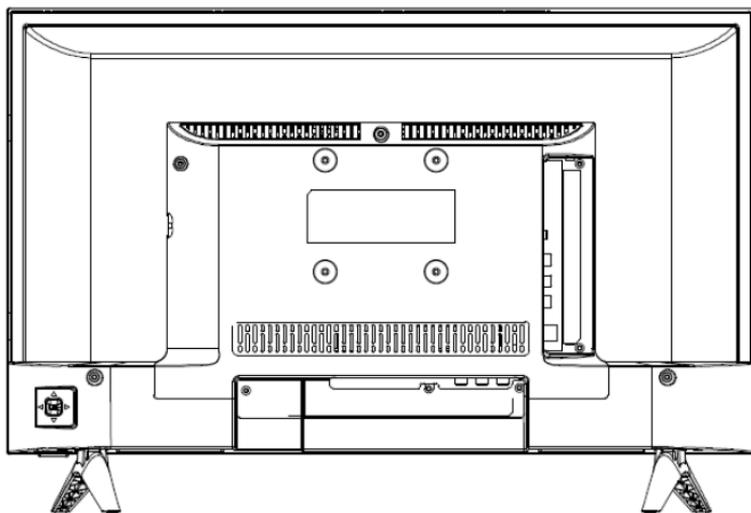
6 Mounting

6.1 Stand mounting



Use the enclosed screws to attach the stands to the corresponding fixtures on the bottom of the unit as shown.

6.2 Wall mounting

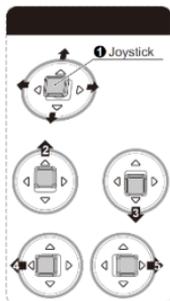
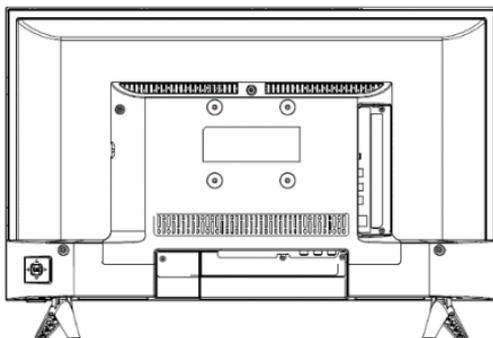


Attach your wall mount to the threads provided for this purpose on the back and observe the hole spacing. You will need two people for wall mounting. Please observe the mounting instructions of the wall mount used and the length of the screws used.

7 Operating elements and connections

7.1 Keys on the device

EN



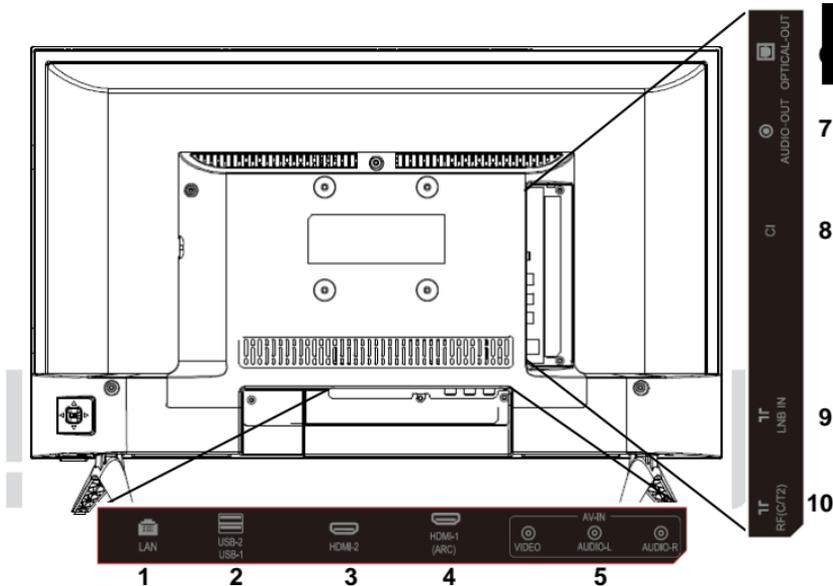
- | | |
|-----------|---|
| 1. Center | <ul style="list-style-type: none"> - OK to confirm in the menu - Press and hold to open the function menu - Press and hold to switch on from standby |
| 2. Up | <ul style="list-style-type: none"> - up in the menu - Last channel on TV |
| 3. Down | <ul style="list-style-type: none"> - down in the menu - next channel on TV - Menu back |
| 4. Left | <ul style="list-style-type: none"> - to the left in the menu - Decrease volume for TV |
| 5. Rechts | <ul style="list-style-type: none"> - to the right in the menu - Increase volume for TV |
| 6. Right | Green = Switched on, Red = Standby |



Note

The illustrations in this manual are intended to describe the functions of the unit and may vary depending on the model.

7.2 Connections



- | | |
|-------------------|-----------------------------------|
| 1. LAN (Ethernet) | 6. Digital audio output (optical) |
| 2. USB 2.0 2x | 7. audio output |
| 3. HDMI 2 | 8. CI+ slot |
| 4. HDMI1 (ARC) | 9. DVB-S connection (LNB IN) |
| 5. AV input | 10. DVB-C / DVB-T2 connector (RF) |



Please only use connection cables that are not longer than 1.5m and USB cables that are not longer than 25cm.

7.3 CI/CI+ slot



Note on the CI interface

When inserting, make sure that the front of the CI module (CAM) is facing backwards, towards the "wall".

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This device is equipped with a CI+ slot for use with CAM module and smartcard, which allows you to watch encrypted pay channels.

You can purchase the corresponding modules from your pay TV provider or your specialist dealer.

Installation

1. Unplug the power cord from the wall outlet.
2. Before inserting the module, make sure that the smart card is correctly inserted in the module (❶). Pay attention to the orientation when inserting it.

The imprint on the module and the chip of the smartcard, if any, must be on top.

3. Insert the module with the smartcard inserted and the imprint on the module facing backwards (❷).

Carefully insert the module into the slot of the device until you feel some resistance.

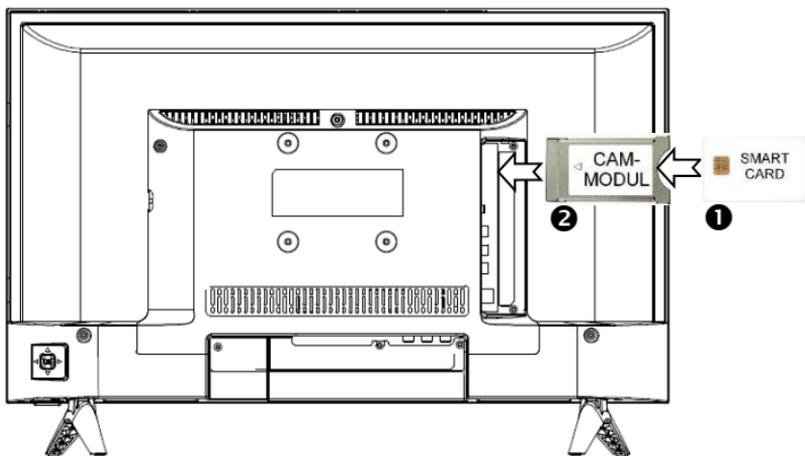
Carefully press the module into the slot until it is firmly seated.

4. Reconnect the power plug to the power outlet.

Remove module

1. Disconnect the power plug.
2. Carefully remove the module.

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Note

The module and smartcard are not included in the scope of delivery.

Install the CI+ module after the channel search and all other settings have been made.

Activation of the card may take a few minutes when it is used for the first time. The device checks the module every time it is switched on. Follow the operating instructions for the CI+ module and the smartcard. Depending on the provider, the smartcard may be omitted if necessary.



Note on CI+

Please note that some functions may be restricted on some channels. These restrictions are determined by the channel. The manufacturer is not responsible for them.

7.4 Remote control functions



1. **POWER:** Switch stand-by on/off
2. **MUTE:** Mute sound
3. **NUMBER KEYBOARDS:** Direct selection of stations
4. **RECALL:** Display the previously watched program
5. **INFO:** Shows information about the current program
6. **LIST:** *In TV Mode:* Open the channel list
7. **FAV:** Open favorites list
8. **GUIDE:** Display of program information of the current program and the following programs (Not with analog TV)
9. **NETFLIX:** open Netflix
10. **YouTube:** open YouTube
11. **USB:** Open USB menu
12. **Prime Video:** open Prime Video
13. **HOME:** Open Internet functions
14. **MENU:** Open TV settings menus
15. **PFEILTASTEN:** move through the menus
16. **OK:** Confirm selection
17. **BACK:**
In the menu: Back to the previous menu.
In TV mode: Back to previous TV mode.
18. **EXIT:** To exit the menu or a SMART function Exit.
19. **VOL+/-:** To adjust the volume
20. **Quick menu:** Opens the quick menu for quick adjustment of picture and sound settings
21. **SOURCE:** Select the input source
22. **P▲/▼:** To change the programs
23. **COLOR KEYS:**
In the menu: Menu functions as displayed
In TV mode: Teletext functions as displayed
24. **AUDIO:** *In TV mode:* Changing the sound channel or language (if available)
25. **SUBTITLE:** To switch between different subtitles in DTV/ mode

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26. **TEXT:** *In TV mode:* open Teletext
27. |◀◀: Previous title
28. ▶▶: Next title
29. **SLEEP:** Setting the automatic sleep function
30. ◀◀: Fast return
31. ▶▶: Fast forward
32. **ASPECT:** Bildseitenverhältnis ändern
33. ▶: Play
34. ||: Pause
35. ■: Stop

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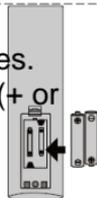
DYON SMART 22 XT-2

Inserting the battery into the remote control

- 1** Remove the battery cover.



- 2** Insert two AAA 1.5V batteries. Make sure that the polarity (+ or -) is correct. The polarity is indicated.



- 3** Put the battery cover back in place.



Notes on batteries

Alkaline batteries are recommended.

Replace the batteries when the following signs are present:

Signal is hesitant or erratic.

Operation is no longer possible.

Remove the batteries if the remote control will not be used for a long period of time. Be careful not to heat, disassemble, deform or modify the batteries.

7.5 Antenna connection

Connection for DVB-T reception or cable TV

Connect the signal cable (e.g. the antenna cable) to the antenna input (RF) on the back of the device.

After connection, turn on the device. Press the MENU key, select the channel menu, now select reception mode, and then select DVB-T/C and perform the channel search.

EN



Note on DVB-T

Whether and how many stations can be received depends on the device's location and the availability of DVB-T stations in that region.

DVB-T radio stations are only available in very few regions.

Please note that when using DVB-T, a new station scan should be performed each time you move to a larger location. Broadcast stations and their broadcast frequency vary from region to region.



Complement to DVB-T2

This device is suitable for receiving DVB-T2 channels in Germany.

Make sure that DVB-T2 is available in your region.

Please contact our support if you have any questions.

Note that you may now need a CAM module for DVB-T2 to receive.

Attention! The CAM module has the corresponding functions of a smartcard already integrated. You therefore only need the CAM module in Germany.

Connection of a satellite receiver

Connect the signal cable to the LNB IN input on the back of the device. After connection, turn on the device. Press the MENU button, select the channel menu, select Reception Mode, and then select DVB-S and perform the channel search if necessary.

EN

8 Initial installation



Note

Before proceeding, please make sure that the receiving / or antenna cable is connected.

This screen is displayed only when the TV is turned on for the first time or reset to factory default.

8.1 Language

Use the ▼/▲ buttons to select the desired language and confirm your selection with the OK button.

8.2 Country

Use the ▼/▲ keys to select the country in which you are located. Confirm your selection with the OK key. Press the BACK key to return to the previous menu.

8.3 Information on data acquisition and firmware updates

Use the ▼/▲ keys to select "Accept" or "Show more details" to obtain additional information about the data acquisition. Confirm your selection with the OK key. Press the BACK key to return to the previous menu.

Please grant your permission for the collection of non-personalized data here. This data helps us to better adapt the internet functions to your needs and is recommended for the use of Netflix and YouTube. The data does not contain any personal data or detailed location information. You can get more information by clicking "View more details".

8.4 Network

Select the desired network connection using the ▼/▲ buttons and confirm your selection with the OK button. Press the BACK button to return to the previous menu.

WIFI	Wireless network connection
LAN	Connection via network cable
Skip	Skip the network setup and set it up later

8.4.1 WIFI

Select Available networks and confirm the selection with the OK button, now select the desired network access, the network name of your network (SSID) from the list with the ▼/▲ buttons, confirm your selection with the OK button. Now select Connect and confirm your selection with the OK button.

Now enter the password. Press OK to open the keyboard. Select the letters, numbers and special characters required for the password using the arrow keys and confirm each with the OK key. After you have typed your password completely, select "ENTER".

Now press "Connect" and press OK to establish the network connection.

8.4.2 LAN

Connect a network cable that is connected to your Internet router and connect the other end of the network cable to the "LAN" port on the back of your TV. Confirm your selection with the OK button.

8.5 Set up Netflix



Note

If you set up Netflix at this point, the channel search will be skipped, so you may not see any TV channels after the setup is complete.

We therefore recommend skipping the Netflix setup at this point and continuing with the channel search.

You can start and set up Netflix at a later time simply by pressing the **NETFLIX** button on the remote control.

Select the desired option with the ▼/▲ buttons and confirm your selection with the OK button.

If you want to launch and set up Netflix, select "Launch Netflix".

If you skip this step, you can easily launch the application even after the initial installation by pressing the **NETFLIX** button on the remote control.

8.6 TV-Mode

Use the ▼/▲ buttons to select the desired setting and confirm your selection with the OK button.

In the TV mode you have the possibility to choose between two different options.

- Use the / buttons to select the desired setting and confirm your selection with the OK button. In the TV mode you have the possibility to choose between two different options.
- Select the business mode if you want to save the mode with fixed settings. This mode may cause higher power consumption. Select the OK key to confirm the "Business mode" and continue.

8.7 Receive mode

Select the desired reception path for the station search using the ▼/▲ buttons, confirm the selection with the OK button.

EN

DVBT	For the reception of digital transmitters DVB-T2 transmitters.
DVBC	For the reception of digital cable TV channels.
DVBS	For receiving digital channels via satellite.

9 Input source selection

This unit includes various input sources that can be accessed and selected with the SOURCE button on the remote control. In the input source menu, press the ▼/▲ buttons to select the desired screen mode and press the OK button to enter the selected mode.

10 TV functions

10.1 EPG (Electronic Program Guide)

In the Electronic Program Guide, you have the option of displaying the daily program of the active station. To enter the EPG menu, press the GUIDE key.

Use the ▼/▲ buttons to select the desired station or program.

Advanced functions

- The red button takes you to the programs of the previous days.
- The green button takes you to the programs for the next few days.
- With the blue button you can see more details about the program.

Inside the channel view

Press the ◀/▶ buttons to switch between **station list** and **program list**.

Press the ▼/▲ buttons to select the desired station or program.

Press the INFO button to get detailed information about the current program (not supported by all stations).

Inside the time view

Press ◀ / ▶ buttons to switch between timeline and channel list.

Use the ▼ / ▲ buttons to select the desired day or program.

In the channel list, press the OK button to switch to the highlighted channel.

In the program list, press the INFO button to get detailed information about the current program (not supported by all stations).

EN

10.2 Senderliste

In a TV mode, press the LIST button to open the channel list.

Select programs using the ▼ / ▲ buttons or switch between the pages of the list using the ◀ / ▶ buttons.

Use the OK button to switch to the marked program.

You exit the list by pressing the EXIT button.

Erweiterte Funktionen

- You can mark the station as a favorite with the red button.
- The green button takes you to the channel list menu.
- You can open the favorites list with the blue button.
- With the yellow button you can search for a station.

10.3 HbbTV functions

Many digital channels offer further additional information that can be displayed if there is an existing Internet connection.

First select the station whose HbbTV function you would like to use.

To open the function overview of the respective transmitter, press the red button on the remote control.

Use the ◀/▶ ▼/▲ buttons and the OK button to navigate the menus and open the items.



Hints

Availability and content depend on the broadcaster.

The function can be deactivated in the menu. In the event of a malfunction, the function is automatically deactivated. If necessary, reactivate HbbTV via the menu.

10.4 Teletext

Teletext is a radio information system of the individual broadcasters in which one can look up information like in a newspaper. It also offers subtitles for viewers with poor hearing ability or who cannot understand the spoken language. (cable connection, satellite channels, etc.)

EN

<i>Press</i>	<i>You get the following displayed</i>
TEXT	With this key you can call up or close the teletext. A list is displayed with the entries that can be called up. Each entry has a 3-digit page number. If the program you have selected does not support teletext, page 100 will be displayed and the picture will be white (in this case, exit teletext and select another program).
Select the page A ▲ ◇ ◇ ◇ ▼ ◇ ◇ ◇ ◇	Enter the number of the page you want to view using the 0 to 9 or up/down keys. Example: Page 120, enter 120. The number is displayed in the upper left corner, the page with the number 120 is displayed. Repeat this procedure to view another page. If the counter does not call the specified page but continues counting, this page is not supported. Select another number.
Direct call of the articles	The colors of the keys are also displayed on the screen. The 4 colored keys to connect the pages or call related pages. If the page is not available, the colors flash briefly.

10.5 Hotel mode

Note on operation in hotel mode

To enter the hotel mode, press the MENU key and enter the **password 4588** immediately afterwards. The hotel mode settings will be displayed directly.

Press the ◀ / ▶ keys to open the setting (On/Off) and then select "On". Confirm with the OK key to activate the hotel mode.

To select the individual items, use the ▲ / ▼ keys to select the desired menu item and confirm it with the OK key, where you can then change the setting using the ◀ ▶ / ▲ ▼ keys. To exit this mode completely, press the EXIT key.



Note

The database must be created on a device with the same base.

Description of the individual menu items

Hotel-Mode	Hotel Mode On / Off
Input source	DTV, ATV, AV, HDMI 1, HDMI 2, USB
Volume	0-100 adjustable
Max. Volume	0-100 adjustable
Logo-Set	
Data management	

11 Settings menu

Press the MENU key and the ▲/▼ keys to select a function. Press the ▲/▼ buttons to open a setting.

EN

11.1 Image menu

You can adjust picture settings such as contrast, brightness, etc. here.

Press the ▲/▼ buttons to select a setting, press the ◀ / ▶ buttons to change the setting, and press the OK button to confirm. Press the BACK button to return to the previous menu.

Description of the individual menu items

Image mode Setting default settings for contrast, brightness, etc. In the "User" setting, these settings can be set by the user.	User, Cinema, Sport, Vivid, Bright, Standard
Backlight	0-100 adjustable
Brightness	0-100 adjustable
Contrast	0-100 adjustable
Saturation	0-100 adjustable
Sharpness	0-20 adjustable
Aspect ratio	Auto Zoom, 4:3, 16:9
Color temperature	Cold, Standard, Warm
Noise reduction	Off, Low, Medium, High, Auto.

11.2 Sound menu

Here you can make the settings for the sound. Press the ▲/▼ buttons to select a setting, press the ◀/▶ buttons to change the setting and the OK button to confirm. Press the BACK button to return to the previous menu.

Description of the individual menu items

Sound mode Setting default settings for the sound. With the "User" setting, these settings can be set yourself.	User, Standard, Sport, Cinema, Music
EQ Detail With the "User" setting, these settings can be set by the user.	Ein / Aus
SPDIF mode Setting for the digital sound output	Dolby Digital, PCM, Dolby Digital Plus, Autom.
SPDIF delay Correction option for synchronization differences between image and sound	0-250 adjustable
Audio type	Normal, Hearing Impaired, Audio Description, Spoken Subtitles, Audio Description + Spoken Subtitles
Sound description (AD) To enable or disable additional sound descriptions, if available.	On / Off
Volume (AD)	0-100 adjustable
Soundtracks	
Sound enhancement	Off, Low, Medium, High



Note

Audio Description (AD) is only available on some stations and a few programs.

Certain sound settings may have little effect due to the design of the device and the design proximity of the stereo speakers.

EN

11.3 Channel menu

You can make settings of the station search here. Press ▲/▼ buttons to select a setting, press ◀/▶ buttons to change the setting and OK button to confirm. Press the BACK button to return to the previous menu.



Note

After the initial installation, only stations of the currently selected reception source can be edited here.

Description of the individual menu items

Receive mode Selection of the desired reception type. Select DVBT, DVBC for cable TV or DVBS for satellite here.	DVBT, DVBC, DVBS
Satellite settings (is only displayed for antenna type DVBS) Detailed settings for the reception of channels via satellite.	
Automatic search	
Manual search	
LCN	Off, On, Original
Skip station	

Swap transmitter	
Move transmitter	
Edit transmitter	
Delete channel list	



Note

All stored stations are deleted and overwritten during the automatic station scan.

After the automatic channel scan, the first DTV station is displayed. If no signal is received for 5 minutes, the TV will automatically activate sleep mode.

11.3.1 Edit channel

You can delete, skip, move, clear channel list. To do this, first switch to the DVB-T, DVB-C or satellite reception mode by first selecting the reception mode accordingly via the settings.

1. Press the MENU button on the remote control. 2.
2. Select CHANNEL menu. 3.
3. Select the setting with the ▲/▼ buttons and press the OK button to confirm the selection.

11.4 System menu

You can make settings such as menu language, factory reset, TV mode, etc. here. Press the ▲/▼ buttons to select a setting, press the ◀/▶ buttons to change the setting and the OK button to confirm. Press the BACK button to return to the previous menu.



Note

Resetting to the delivery state deletes all programs and passwords.

Description of the individual menu items

Language change the menu language	
Audio language	
Subtitle	
Teletext language	
HbbTV	On / Off
Network	
Time Here you can set time settings such as Time Zone, Date and Time, Sleep Timer, Auto Standby and Menu Display Time.	
TV mode	Home mode / Business mode
No shutdown signal	Off / On
Check Internet Update	
USB update	
Reset to factory settings	

11.5 Lock menu

Here you can lock the system, set a password, lock channels and set parental lock. If you have locked the system, you cannot search channels or change programs. Press the ▲/▼ buttons to select a setting, press the ◀/▶ buttons to change a value, press the OK button to confirm. Press the BACK button to return to the previous menu.



Note

The default password is 0000. This option is only available in DVB-T and DVB-S modes!

Description of the individual menu items

Lock system Here you can lock the system (password 0000)	Off / On
Lock transmitter Here, certain content can be blocked according to availability.	
Child lock Here you can activate and set the parental controls	Aus / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 / 14 / 15 / 16 / 17 / 18
Passwort ändern	

11.6 About menu

Here you can access version info, system info, etc. Press the ▲/▼ buttons to select a setting, press the ◀/▶ buttons to change a value, press the OK button to confirm. Press the BACK button to return to the previous menu.

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Description of the individual menu items

Netflix
Information about Netflix on this device and the possibility to quit the app.
Version info
Information about the installed software.
End User License Agreement
Accept end user license agreement or view more details .
System information
TV-Name
Here you can rename the name of your TV

12 Smart functions

Press the HOME button to open the Smart functions. Netflix, Prime Video and YouTube can be opened directly via the respective buttons. Navigation is done using the arrow keys and the OK key.

To log in to the respective service or to enter data, select the input field and then press OK.

Open Screencast to display the image of another device. In the following, use the function for wireless image transmission of this device and also its control.



Note

Please note that the respective service or portal provider is responsible for all functions and content. It may happen that some content is only available in English, that registration is necessary, or that services can be expanded, in some cases for a fee. The general terms and conditions as well as the privacy policy of the provider apply.

An existing internet connection is required to use the smart functions.

13 CI+ information

The TV has a slot for CI+ additional modules with card slot. Different modules and cards for pay TV are available from specialist retailers.

- Plug in: The TV is switched off. Insert the add-on module into the slot.
- Remove: The TV is switched off. To remove, pull out the add-on module

If there is an additional module in the CI+ slot, changes can be made via the CI Information menu.

1. Press the MENU key to display the main menu.
2. Press key ▼ repeatedly until CI Information is highlighted and press OK key to open the settings.

The sub-items will be activated and can be changed.

Please note that the settings available here are provided by the CAM module used. This menu is therefore not a fixed part of the device.

3. Use the arrow keys to highlight the desired point and press OK key to change the point.
4. Press the EXIT key to exit the menu and save the setting.



Important

Menu options and available setting items depend on the CA module used.

The CA module (not included) is required to receive encrypted channels using a smartcard (not included).

Please ensure that the CA module and smartcard are compatible with each other.

The device can be operated with CI+ capable modules.

Which channels and content are activated depends on the CA module and smartcard used.

Beachten Sie, dass nicht alle Serviceanbieter das notwendige CA Modul zur Verfügung stellen bzw. unterschiedliche Module verwenden, die möglicherweise nicht kompatibel sind.

Please consult your dealer or contact the hotline if you are not sure whether the desired combination is possible.

With DVB-T2, the smartcard is integrated in the CA module.

14 USB Medium

14.1 Connecting the USB medium

This device is equipped with two USB ports for updating software and playing media files.



Please connect USB media directly to the USB interface of the device if possible.

If this is not possible, please only use connection cables that are not longer than 25cm.

To perform a software update via USB, proceed as follows. Press the MENU key, then go to System Menu and then to "USB Update".

Please make sure that a USB device is connected. When you have connected your USB device, a window will appear after a few seconds and you can choose between the media types video, photo, music and files. Alternatively, you can also press the USB button.

Select the media type with the ◀ / ▶ buttons, then press the OK button to enter the drive selection menu.

Press the ◀ / ▶ buttons to select the correct drive and press the OK button to display the file and directory list or select the BACK button to return to the media selection menu.

14.2 Video playback

Select a media file with the ◀/▶ buttons or the ▲/▼ buttons. A preview image is displayed.

Press the Play button ▶ (at the bottom of the remote control) to play the media file in full screen mode.

Press the OK button to select a file. Proceed in the same way with other files to create a playlist.



Note on video playback

Please note that due to the large number of different video formats, it cannot be guaranteed that all files can be played even if the actual file format is supported. Video and audio format within the file may differ from the standard and cause incompatibility with the device. Similar is the case for photos and music files.

14.3 Photo playback

Select a photo with the ◀/▶ buttons or the ▲/▼ buttons. A preview image is displayed.

Press the OK button or Play button ▶ (at the bottom of the remote control) to display the photo in full screen mode.

14.4 Music playback

Select a music file with the ◀/▶ buttons or the ▲/▼ buttons. An info field is displayed.

Press the OK button or Play button ▶ (at the bottom of the remote control) to play the music file.

15 Troubleshooting

If you have any problems with this equipment or its installation, please refer again carefully to the relevant section in this manual and read details in the table below.

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15.1 Error messages

Problem	Possible cause	Proposed solution
No image	Mains plug not in the socket.	Insert the power plug into the power outlet.
	Device is not switched on.	Switch on the device.
No signal" display	Antenna cable is not connected.	Connect the antenna cable.
	Wrong setting.	Set the parameters correctly.
No sound	Audio cable not connected or not connected correctly.	Connect the audio cable correctly.
	Sound is muted.	Adjust the volume.
	Wrong soundtrack chosen.	Choose a different soundtrack.
Sound, but no picture	AV cable not connected or not connected correctly.	Connect the AV cable correctly.

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	This is a radio channel.	Press TV/RADIO to switch to TV mode.
Channel can not be seen	Channel is encrypted.	Select an alternative channel.
Channel lock code forgotten		Reinstall the channel, this will bypass the channel lock.
Remote control does not work	Device is switched off.	Insert the mains plug into the socket and switch on the device.
	Remote control is not aligned with the sensor.	Align the remote control with the front panel of the device.
	Front panel is not in clear view.	Remove obstructions.
	Batteries of the remote control not inserted correctly.	Check the polarity.
	Remote control batteries exhausted.	Replace the batteries of the remote control.
Image stops or mosaic	The signal is too weak.	Amplify the signal.

15.2 No picture / no sound

Error / Problem / Symptom		Control
Image	Sound	
 Snow	 Noise	Antenna position, alignment and connection
 Shadow	 Sound normal	Antenna position, alignment and connection
 Interference	 Noise	electronic devices, car/motorcycle, fluorescent tubes
 Normal image	 Mute	Volume (check if mute is active or if all audio system connections are intact).
 No image	 Mute	The power cord is not plugged in. The power switch is not turned on Contrast and brightness / volume settings Press the standby button on the remote control to control
 No color	 Sound normal	Color control

16 Specifications

ATV (PAL, SECAM)	Frequency response	46.25MHz ~ 863.25MHz	
	Input impedance	75 Ω	
	Video System	PAL, SECAM	
	Sound System	BG, DK, I, NICAM/A2	
	Teletext	1000Pages	
	Max. Number of	99CH	
DTV (DVB-T/C/T2/S/S2)	Frequency response	VHF (174MHz ~ 230 MHz) UHF (474MHz ~ 862 MHz)	
	Input impedance	75 Ω	
	Transmitter bandwidth	7MHz/8MHz	
	Modulation	DVB-T	QPSK, 16QAM, 64QAM
		DVB-S/S2	QPSK, 8PSK
		DVB-T2	QPSK, 16QAM, 64QAM, 256QAM
		DVB-C	16QAM, 64QAM, 128QAM, 256QAM, COFDM 2K/8K, QPSK
	Video System	MPEG-2 MP@ML, MPEG-2 MP@HL, H.265	
	Sound System	MPEG-1 layer 1/2, DD, DD+, AAC, HE-AAC	
	Basic functions	EPG, Subtitle, LCN, TELETEXT(Europe), MHEG-5(UK)	
Common Interface	Built-In		
Max. Number of transmitters	700CH(DVB-T+DVB-C, dynamic) 3500CH(DVB-S/S2, dynamic)		



The terms HDMI and HDMI High-Definition Multimedia Interface and the HDMI logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

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Product information about the energy efficiency of this device according to EU Regulation (EU) 2019/2013 can be found on the following website of the European Union from the day of validity, 01.03.2021. Please scan the following QR code with your cell phone, for example, to open the page.

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Maximum transmit power

Function	Frequencies (MHz)	Output power (dBm)
Wi-Fi	2412-2472 (802.11b/g) 2412-2472 (802.11n(HT20)) 2412-2472 (802.11n(HT40))	18.6

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Disposal of electrical and electronic equipment

This product must be disposed of properly at the end of its service life. Disposal with household waste is not permitted.

This product must be taken to the appropriate recycling collection point or to the dealer from whom a similar product is purchased. The dustbin symbol indicates that this product complies with the provisions of the Environmental Directives (2002/95/EC, 2002/96/EC, 2003/108/EC) and must be disposed of correctly. For more details on recycling collection points, please contact your local authorities. Violations will be prosecuted accordingly.

17 Glossary

DiSEqC	Digital Satellite Equipment Control; digital system that allows the receiver to control different components of the external equipment. Used especially for selecting between several satellite positions (e.g. Astra and Eutelsat).
EPG	Electronic program guide
RF-Port	Coaxial connector for LNB antenna cable.
FTA	Free to Air services (free to receive). These channels can be received without a decoder.
LNB	Low Noise Block Amplifier / Converter; device in the center of the antenna which converts the incoming high frequency signals from satellites to the low frequency range and amplifies them at the same time.
Mute	Button on the remote control that temporarily mutes the sound.
OSD	On-screen display; on-screen menu for controlling functions.
PID	Identification number of a received data stream. The PIDs ensure that a channel is received completely.
Receiver	Receiver that converts signals from the antenna into video and audio signals.
SCART	21-pin connector for satellite receiver and TV.
HDMI	High Definition Multimedia Interface. Connection for transmitting image and sound in HD quality.
Y/PB/PR	Connection for transmission of image in high quality separated by RGB colors
RGB	Separate color information transmission (red-green-blue)
HD	High definition television (High Definition)

Manufacturer

Axdia International GmbH
 Hanns-Martin-Schleyer-Straße 36-38
 D-47877 Willich (Germany)

18 Warranty conditions

Axdia International GmbH, Hanns-Martin-Schleyer-Straße 36-38, 47877 Willich, Germany, hereinafter referred to as AXDIA, provides consumers with a limited warranty for ODYS and DYON brand products hereinafter referred to as the Product, as represented by the following warranty terms and conditions. By this warranty, AXDIA warrants that the Products will be free from defects in materials and workmanship for the stated warranty period from the date of original purchase.

We provide warranty for our products according to the following conditions:

1. Within 12 months from the date of purchase, we will repair damage or defects to the product free of charge in accordance with the following warranty conditions. In the event of a defect or deficiency discovered later than 12 months after the date of purchase, a manufacturing defect must be proven for a warranty repair.
2. The warranty does not cover accumulators, batteries, tires, brake pads and other parts that belong to the consumer goods, easily breakable parts, such as glass or plastic as well as defects due to normal wear. A warranty obligation is not triggered by minor deviations from the nominal condition, which are insignificant for the value and usability of the product, by damage from chemical and electrochemical effects, from water and generally from abnormal conditions. Damage caused by disregarding the operating instructions or other improper handling, unauthorized interventions in the installed system or the installation of additional software is also excluded.
3. Furthermore, the warranty does not extend to the mere availability of software updates, provided that the intended use as well as the data security of the product are further guaranteed according to AXDIA's professional and well-founded assessment.
4. The warranty service is provided in such a way that defective parts are repaired or replaced by faultless parts at our discretion free of charge. AXDIA reserves the right to exchange the product for a replacement of equal value if the returned product cannot be repaired within a reasonable time and cost frame. Likewise, the product may be exchanged for another equivalent model. On-site repairs cannot be requested. Replaced or exchanged parts become our property.

5. The warranty claim expires if repairs or interventions are carried out by persons who are not authorized by us to do so, or if our products are provided with supplementary or accessory parts that are not matched to our products.
6. Warranty services do not cause an extension of the warranty period, nor do they start a new warranty period. The warranty period for installed spare parts ends with the warranty period for the entire product.
7. Further and other claims, in particular claims for compensation for damage incurred outside the product, are excluded unless liability is mandatory by law. We are therefore not liable for accidental, indirect or other consequential damages of any kind, which lead to restrictions in use, loss of data, loss of profit or operational downtime.
8. If the device has a built-in data storage, the customer is responsible for a data backup before return. AXDIA is not liable for data loss of returned customer devices. AXDIA reserves the right to restore factory settings on returned devices. Therefore, please make a note of your personal settings if necessary.
9. This warranty does not affect your free statutory warranty claims in the event of a detected defect and is subject to the applicable law of the country in which the initial purchase of the product by the end customer took place.
10. Place of performance is Axdia International Service-Center, Schmelzerstrasse 27, 47877 Willich, Germany.

Assertion of a warranty claim

1. To make use of the warranty service, please contact the AXDIA Service Center by e-mail or telephone (see below for contact details). You can also use our service form on our website or on the back of the warranty conditions.
2. AXDIA service center will try to diagnose and solve your problem. If a warranty case is detected, you will receive an RMA (Return Material Authorization) number and will be asked to send the product to AXDIA.

ATTENTION: AXDIA will only accept shipments that have an RMA number.

The following must be observed when sending in the product:

1. The shipment must be sent with sufficient postage, insured and in proper condition for transport. The product must be accompanied by the original accessories, such as USB cable and power supply, unless otherwise specified by the AXDIA Service Center.
2. The RMA number must be visibly and legibly marked on the outside of the packaging.
3. A copy of the purchase receipt must be included as proof of warranty.
4. Upon receipt of the returned product, AXDIA will provide warranty according to warranty conditions and return the product free of charge insured.

Out of warranty

AXDIA may refuse a service claim outside the warranty. If AXDIA agrees to a service outside the warranty, all repair and transport costs will be charged.

AXDIA will not accept shipments that have not been pre-approved by AXDIA through RMA (Return Material Authorization).

Contact

Axdia International Service-Center, Schmelzerstrasse 27, 47877
Willich, Deutschland

Internet address: www.axdiaservice.de

Contact form: www.axdiaservice.de/kontakt

Phone: +4921548826111



Note updates

You can find the availability of updates at
www.axdiaservice.de.