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1 Important Safety Instructions

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings, install in accordance with the instructions.
- 8) Do not install near any heat sources such as radiations, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized plug. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protected the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Unplug this apparatus during lighting storms or when unused for long periods of time.

13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

14) Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.

15) The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloth, curtains, etc.

16) No naked flame sources, such as lighted candles, should be placed on the apparatus.


17) Attention should be drawn to the environmental aspects of battery disposal.


18) The use of apparatus in moderate climate.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

WARNING: The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.



 The symbol indicates that dangerous voltages constituting a risk of electric shock are present within this unit.

 The symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.



The symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.

Warning



High voltages are used in the operation of this television receiver. Do not remove the cabinet back from your set. Refer servicing to qualified service personnel.



To prevent fire or electrical shock hazard, do not expose the television receiver to rain or moisture



Do not drop or push objects into the television cabinet slots or openings. Never spill any kind of liquid on the television receiver.



Do not block the ventilation holes in the back cover. Adequate ventilation is essential to prevent failure of electrical components.

Caution



Do not trap the power supply cord under the television receiver.



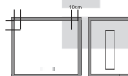
Never stand on, lean on, or suddenly push the television or its stand. You should pay special attention to children. Serious injury may result if it should fall.



Do not place your television on an unstable cart, stand, shelf or table. Serious injury to an individual, and damage to the television, may result if it should fall.



When the television receiver is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.



If the television is to be built into a compartment or similar enclosure, the minimum distances must be maintained. Heat build-up can reduce the service life of your television, and can also be dangerous.

Tips regarding environmental protection



At the end of its operating life, this product may not be disposed of by way of your normal household waste. Instead it must be delivered to a collection point for recycling electrical and electronic equipment. The icon on the product, in the operating instructions or on the packaging, indicates this.

The materials used in manufacturing this product are recyclable, depending on their identifying markings. By recycling this equipment, by recycling its components, or through other procedures of re-using outdated equipment, you are making an important contribution to protection our environment. Please ask you local municipal administration for the location of the corresponding recycling point.



Battery Recycling

In order to ensure the environmentally friendly disposal of batteries, please do **NOT** dispose of used batteries through normal household waste. Please take the batteries to your local retail or community collection point for recycling.

The following may be an indication of a discharged battery: The device cannot be switched on. The device switches off automatically and "Battery Empty" is shown in the display. The device and or battery do not function properly.

Support

URL: <http://www.dyonhilfe.de>

See our website for the latest information on this engine, on other products by our company and on our company itself.

If you have questions or problems, please read the FAQs on our website or contact our customer support service

support@axdia.de

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

Appropriate use

The device is designed for receiving and watching encrypted and unencrypted DVB-T2, DVB-S2 and DVB-C TV channels (free-to-air) for private use. It is exclusively meant for this purpose and must only be used for the same. This also includes paying attention to all information contained in this operating manual, especially in the safety instructions. Any other usage is considered to be improper and may lead to material damages and even personal injuries. Moreover, it will result in the immediate loss of guarantee. The manufacturer does not bear any liability for damages caused due to improper use.

This device is future-proof and ready for the reception of DVB-T2 in Germany. The reception of DVB-T2 HD allows you to receive high-definition HD stations via antenna. For this we use the transmission codec H.265 / HEVC. By the end of March 2017, or at the latest by the end of 2018, the digital antenna television DVB-T will be completely removed from the grid. Enjoy more high resolution HD channels with this unit!

Visit our homepage (www.dyon.eu) to get more information about DVB-T2 HD in Germany.



Caution

The device turns off after 2 hours without pressing any key. Please note that this is NOT a defect. The device is designed like this.

Please use the system settings to turn off this function if necessary.

Please use the Main Power key to turn the device off and on again for further use.

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2 Conformity



We, Axidia International GmbH, hereby declare that this device corresponds to the basic requirements and relevant regulations outlined in guidelines 2014/53/EU and 2009/125/EC.

The CE declaration of conformity for this product may be found on the following link:

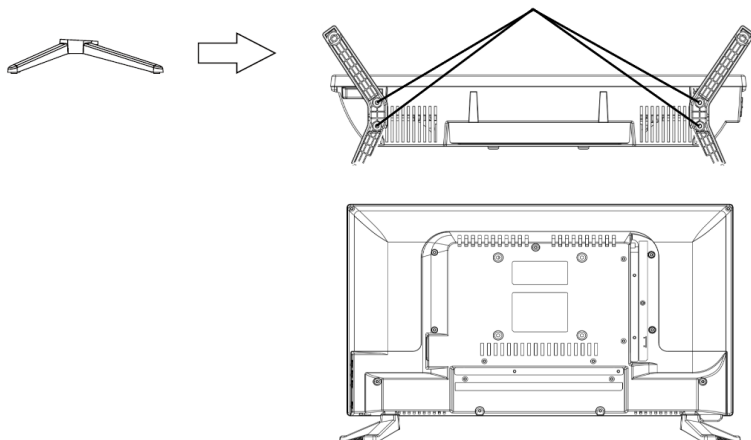
www.dyonhilfe.de/konform

The image shows the DYON logo in a large, light gray, sans-serif font. The letters are bold and blocky. The 'Y' has a small blue square at its base. The 'O' has a small blue square at its base. The 'N' has a small blue square at its base.

3 Mounting – dismantling

Stand mounting

Fix the feet in the device as described in the picture and fix them with the enclosed mounting screws

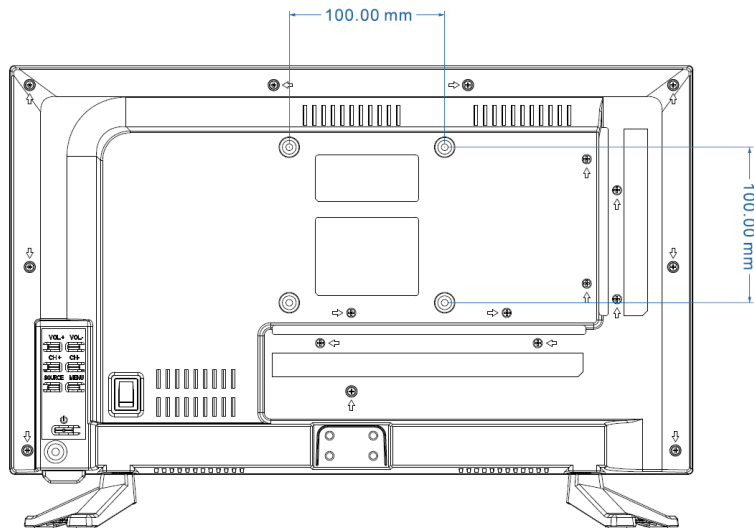


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3.1 Wall mounting

Fasten your wall bracket to the threads on the back and observe the whole spacing.

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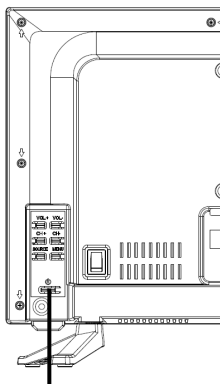
4 Front and Rear Panel Illustration

The Device



Remote Sensor and Status indicator

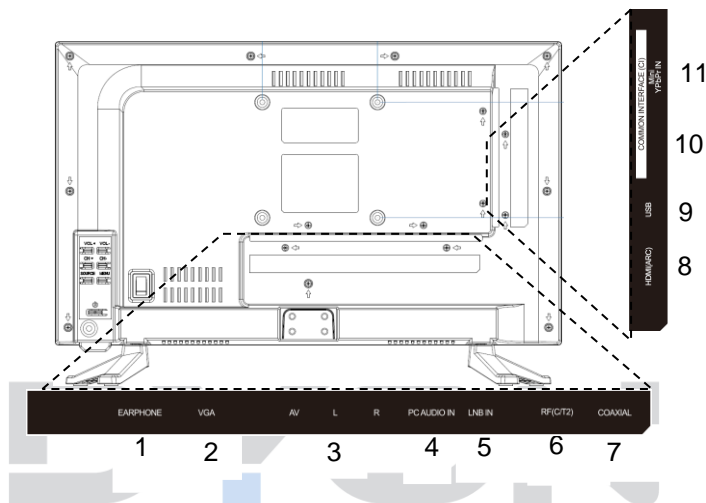
In stand-by mode, the status indicator lights up red.



Turn the TV on or off

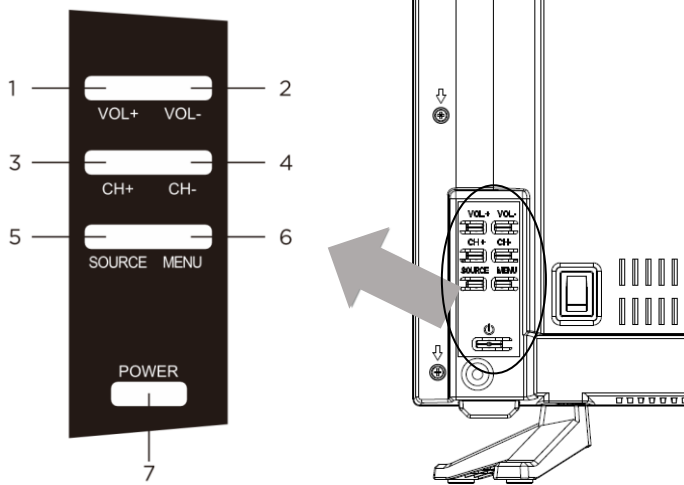


Connections and operation



Connections from 1 to 11:

- | | |
|----------------|--------------------------------|
| 1. Earphone | 7. COAX
(digital audio out) |
| 2. VGA | 8. HDMI (ARC) |
| 3. AV In | 9. USB |
| 4. PC Audio In | 10. CI |
| 5. DVB-s | 11. YpbPr(mini) |
| 6. DVB-C/T | |



The buttons from 1 to 7:

1. Volume + (Turns the volume up)
2. Volume – (Turns the volume down)
3. Channel + (Switches to the next channel)
4. Channel – (Switches to the previous channel)
5. Source (Opens the source menu)
6. Menu (Opens the menu)
7. Power (Turns the device on or off)

5 CI/CI+ Slot

Note:

According the CI Slot:

Please take care to insert the CI-Module (CAM) in the correct way.

The Top side of the module must face against the wall behind.

This device is equipped with a CI+ slot for use with cam modules and smart cards which allow for the viewing of encrypted Pay-TV channels.

The corresponding modules may be purchased from the Pay-TV provider or specialized dealer.

Installation

1. Disconnect the TV set from power.

Before inserting the module into the device, insure that the smart card has been properly installed into the module . Pay close attention to the direction when inserting(①).The printing on the module and the chip of the smart card must be on top.

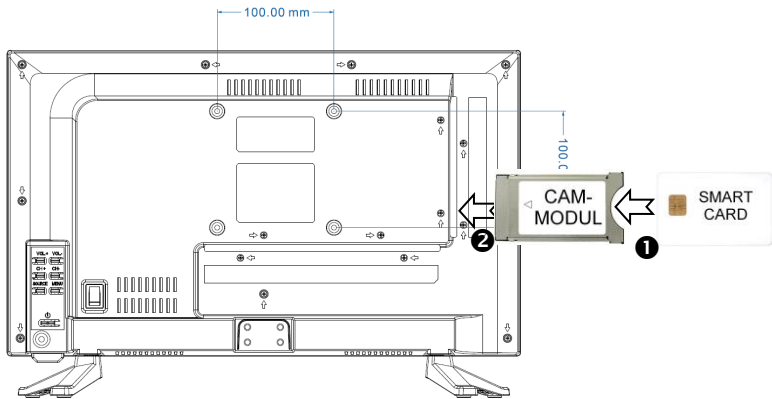
2. Insert the Module with inserted smart card with the printing of the module facing backwards (②).
Insert the module carefully into the slot of the device until a little resistance is felt.
Using a little pressure, carefully press the module into the slot until it sits firmly.

3. Reconnect the power source.

Remove the module

1. Disconnect the TV set from power.
2. To take the module out carefully.

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Notice

Module and smart card are not including in the packaging.

Install the CI+ module after the channel scan has been accomplished and all other settings have been set.

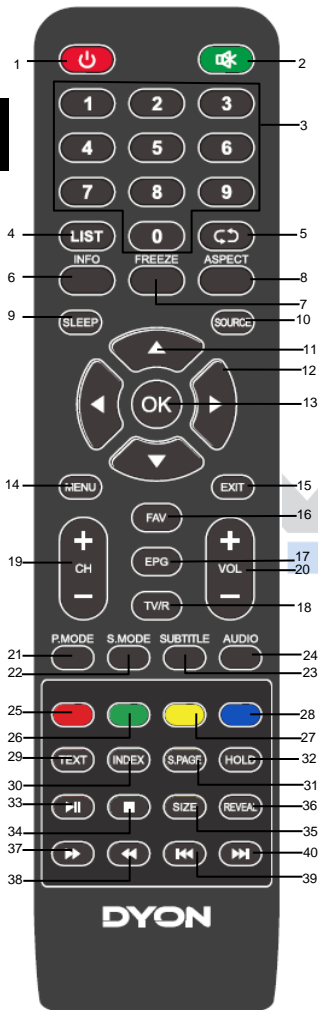
The activation of the card may take several minutes for the first time it is used. When necessary, the device will check the module every time the device is switched on.

Pay close attention to the manual of the CI+ module and smart card.

Depending on the provider, the smartcard may be omitted.

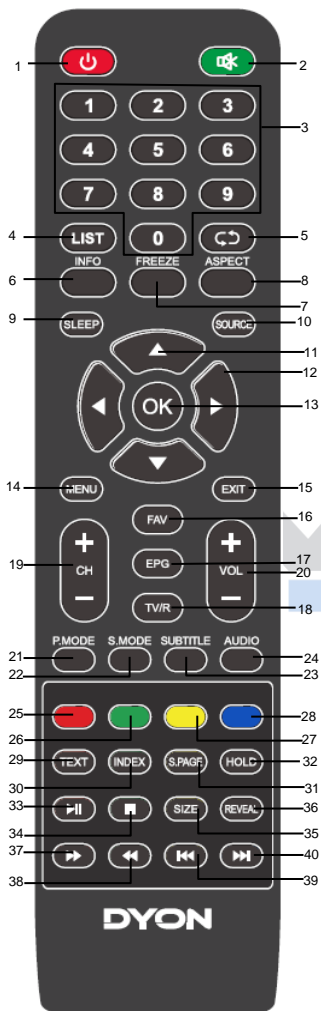
4.3 Remote Key Function

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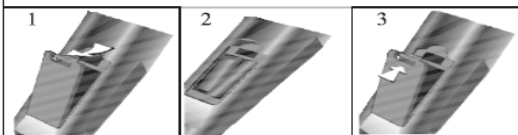
1. **POWER:** To switch the set device to on or standby.
2. **MUTE:** To disable or enable the sound output.
3. **NUMBER KEYS:** used to select channel numbers or input numbers in menus.
4. **LIST:** Shows the channel list.
5. **RECALL:** To show the last viewed channel.
6. **INFO:** Used to display information about the channel being viewed or further information about the program when in TV mode.
7. **FREEZE:** Press this button to hold the picture.
8. **ASPECT:** To switch the aspect ratio.
9. **SLEEP:** Set timer to turn off the TV.
10. **SOURCE:** Select input source.
11. **ARROW KEYS:** Move within the menus.
12. **ARROW KEYS:** Move within the menus.
13. **OK:** Used to confirm a selection within a menu.
14. **MENU:** Open the menu of the current title.
15. **EXIT:**
In menu: Used to return to the previous screen or menu
16. **FAV:** Used to access your favorite channels.
17. **EPG:**
To display information about the program being viewed and what's on next. (Not for ATV)
18. **TV/R:** It is used to switch between digital TV channels and radio stations if existing.
19. **CH +/-:** Channel selection.
20. **VOL +/-:** Adjust the volume level.
21. **P.MODE:** Change image settings.
22. **S.MODE:** To change the sound settings.
23. **SUBTITLE:** Used the switch among different subtitles that are broadcasted in DTV mode
24. **AUDIO:** to change the audio track.
25. **RED Color Key:**
In Menu: Menu function as displayed.
In TV Teletext Mode: To open further teletext pages directly, as shown at the bottom. If the page is not available, the color display on the screen flashes briefly

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26. **GREEN Color Key:**
Refer to RED Color Key
27. **YELLOW Color Key:**
Refer to RED Color Key
28. **BLUE Color Key:**
Refer to RED Color Key
29. **TEXT:**
TV mode: to open teletext if teletext is available in the broadcasted stream.
30. **INDEX:**
In TV mode: to open the record settings
31. **SPAGE:**
In TV Teletext mode: To open a subpage if available
32. **HOLD:**
*IN TV Teletext Mode:
Stop automatic teletext page advance.*
33. **PLAY/PLAY (Only in USB mode):** Play / Pause
34. **■ (Only in USB mode):** Stop playback.
35. **SIZE (Only TV Teletext Mode):** Change view.
36. **REVEAL (Only TV Teletext Mode):** Show or hide hidden teletext information, if available.
37. **▶▶ (Only in USB mode):** Fast forward
38. **◀◀ (Only in USB mode):** Fast rewind
39. **◀◀ (Only in USB mode):** Previous track
40. **▶▶ (Only in USB mode):** Next track

Insert Batteries Into the Remote Control



1. Remove the battery cover.
2. Inserting the 2 AAA 1.5V batteries making sure the polarity (+ or -) of the batteries matches the polarity marks inside the unit.
3. Mount the battery cover. Replace with new batteries when the TV set begins to show the following symptoms: Operation is unsteady or erratic. Sometimes the TV set does not function with Remote Control Unit.

Remark:

- 1) Alkaline Battery Recommended.
- 2) Remove batteries when they are exhausted or if the remote control is not to be used for Long time.



Notes on batteries

If the remote control is not used for a long period of time, please remove the battery from the compartment.

Do not heat batteries or dispose of them in fires.

Do not dismantle, deform or modify batteries.

4.4 Connecting to TV-Signal Input

4.4.1 Connection for DVB-T2 reception or cable TV

Connect the TV signal cable (the antenna cable, for example) to the Antenna Input Jack (RF) on the back of the unit.

After connection, switch on the device. Perform the initial installation or press SOURCE, select DVB-T/C and perform the station search. Please note the reception path settings.

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Note on DVB-T

Whether and how many transmitters can be received depends on the location of the device and the availability of DVB-T transmitters in this region. DVB-T radio stations are only available in very few regions.

Please note that when using DVB-T, a new station search should be performed every time you change location.

Broadcast stations and their transmission frequency vary from region to region.



Supplement to DVB-T2

This device is suitable for the reception of DVB-T2 transmitters in Germany.

Make sure DVB-T2 is available in your region. If you have any questions, please contact our support.

Please note that you may now need a CI+ module for DVB-T2 to receive private channels.

Public broadcasters such as ARD and ZDF can also be seen without a module.

Attention! The CI+ module has the corresponding functions of a smart card already integrated. Therefore you only need the CI+ module in Germany.

4.4.2 Connection for Satellite reception

Connect the signal cable to the LNB IN input on the rear panel.

- 5 After connection, switch on the device. Perform the initial installation or press SOURCE, select SATELLITE and perform the station search. Please note the reception path settings.



6 First Time Setup

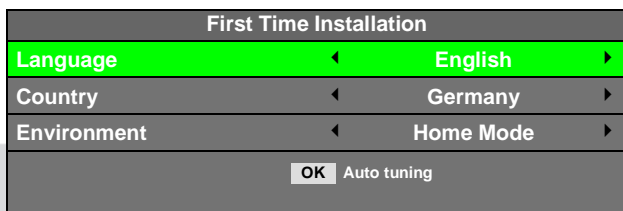


Note

Before you proceed, please make sure that the receiver/antenna cable is connected.

Basic Settings

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



Please use the ◀ / ▶ buttons to select the desired language and country. Press OK to proceed.

Environment:

Home Mode Adjusted illuminance for the home.

Shop Mode Adjusted illuminance for bright environments (e.g., sales areas).

Channel search



Note

If you receive television for private use, DTV is usually the right choice for the type of reception.

Then select the reception mode available to you. Other settings are usually not necessary.

Tune Type

Now select the desired reception mode with the ◀ / ▶ arrow keys.

ATV ATV refers to analogue TV channels which are now only used in large satellite distribution systems such as hotels.

DTV For private TV reception, regardless of which reception path you use, DTV is the correct setting for digital TV channels. A simultaneous analogue search does not have to be carried out.

Digital Type

Then select the reception path depending on how TV channels are received by you.

DVB-C → Cable Television

If you want to watch cable television, please select the DVB-C option for RECEPTION WAY using the arrow keys.

Further settings are usually not necessary.

Confirm with OK to start the channel search.

DVB-T →

Terrestrial reception via indoor or roof antenna

Terrestrial reception via indoor or roof antenna

If you are using an indoor or roof antenna to receive TV channels, please select the DVB-T option for RECEPTION WAY using the arrow keys.

Further settings are usually not necessary.

Confirm with OK to start the channel search.

Tuning Setup	
Tune Type	◀ DTV + ATV ▶
Digital Type	DVB-T
Scan Type	Full
Network ID	Auto
Frequency	Auto
Symbol Rate	Auto
LCN	Off
Menü Back	OK Start

Satellit

For TV reception via a satellite dish on the roof, please select the option **Satellite** using the arrow keys for **RECEPTION PATH**.

Further settings are usually not necessary.

Confirm with **OK** to start the channel search.

A channel list for the satellite **Astra 19.2° East** is pre-installed. Press the left arrow key to load this list, or press the right arrow key to start a new channel search.

Tuning Setup	
Digital Type	◀ Satellite ▶
Satellite	01 Astra 1...
Scan Mode	Blind Scan
Channel Type	Free+Scram...
Service Type	All
Menü Back	OK Start



Hints for satellite reception

By default, only the satellite **Astra 19.2° East** is searched for available channels. Within the initial installation only one satellite can be searched. To add further satellites, please use the channel settings for "Satellite" as the set reception source below.



Important!

Use the EXIT or MENU button to cancel the channel scan.

Please note that if you cancel the scan, no stations will be stored and therefore no station picture will be displayed.



First aid!

No transmitter is displayed after the first installation.

- Check that the antenna cable is correctly connected to both the junction box and the device.
- Make sure that both the correct reception mode and the correct reception path have been selected. If you are not sure, please perform the initial installation again using the "ADVANCED" menu and the "First installation" menu item.
- If a CI module error such as "NO CI module" or "Error code 17" is displayed, this can have various causes. Please refer to the chapter "Troubleshooting".

6 OSD Settings (Main Operations)

Press the MENU button and ◀ / ▶ to select the page.

Press ▲ / ▼ to select the setting.

EN

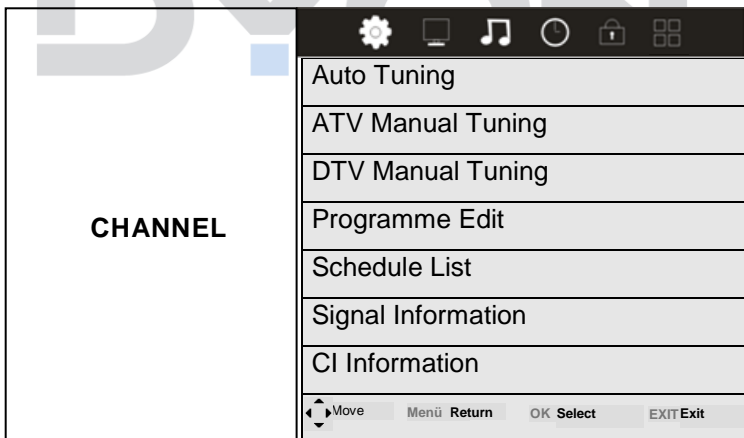
6.1 CHANNEL MENU



NOTE:

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

The first menu item is the MENU CHANNEL (only for TV or DTV sources).



You can search and edit channels here.

2) DTV Manual Tuning:

You can select a DTV channel and then search the channels in this channel. To select a channel, please press ◀ / ▶ Then press OK to search the channel.

NOTE: Bad (bad) - Normal (normal) - Good (good) is the signal strength.



NOTE: Press the red videotext button to store channels after manual search.

3) Programme Edit:

You can delete, move, skip, or add channels to your favorites.

1. First, change to the reception mode DVB-T/C or Satellite, in which you want to edit the channel list and sort channels.
2. Press the MENU button on the remote control.
3. Select "Program Edit" from the CHANNEL menu and press the OK button.
4. Select the channels you want to edit individually using the ▲/▼ button.
5. Now perform one of the following functions:

Red Button Delete	Press the red videotext button. The selected program will be deleted.
Yellow Button Move	Press the yellow button, then use the ▲/▼ button to move the selected channel. Press the yellow button again to save the setting.
Blue Button Skip	Press the blue videotext button to skip the program. The icon ⊘ appears to the right of the program. Select the skipped program, press the blue button again, you can now revert the skipping. The icon ⊘ disappears.
FAV (Favorites)	Press the FAV button, to the right of the program the icon ♥ is displayed. Select the FAV program, press the FAV button again, the program is removed from the favorites, the icon ♥ disappear.

5) Signalinformation

Use the "▲ ▼" buttons to select the menu item Signal Information. To get signal information, press OK to confirm. Press the Menu button to return to the previous menu. Press the EXIT key to exit the menu.

6) CI Information

Use the "▲ ▼" buttons to select the menu item CI Information. To get CI information, press OK to confirm. Press the Menu button to return to the previous menu. Press the EXIT key to exit the menu. Only information about the CI module can be displayed when the CI module is installed.

6.2 PICTURE MENU

The second item of the MENU is PICTURE MENU. You can adjust picture effect here, such as contrast, brightness, etc. (just if in picture mode personal has been selected)

Press ▲▼ to select the setting, press ◀▶ to change the setting. Press TV MENU to step back to the previous menu.

<p>PICTURE</p>		
	Picture Mode	Standard
	Contrast	50
	Brightness	50
	Colour	50
	Tint	50
	Sharpness	50
	Colour Temp	Normal
	Noice Reduction	Middle
	HDMI Mode	Auto

Description of the individual menu items:

Picture Mode	Dynamic, Standard, Mild and Personal
Contrast	Setting 0 - 100
Brightness	Setting 0 - 100
Colour	Setting 0 - 100
Tint	Setting 0 - 100
Sharpness	Setting 0 - 100
Color Temp	Cold, Normal, Warm
Noise Reduction	
HDMI Mode	auto

**Note:**

Tint is available in NTSC system only.

There are three colours temperature modes can be selected: cold, normal and warm

Contrast, Brightness, Color, Tint, Sharpness can only be set when "Personal" is set as the picture mode.

Otherwise the setting is made using the predefined profiles Standard, Dynamic and Mild.

The HDMI mode setting is only available when HDMI is selected as the input source and a device is connected.

6.3 SOUND MENU

The third item of the MENU is the SOUND MENU.

You can adjust the sound effect here such as treble, bass, balance etc.

Press ▲ ▼ to select the setting, press ◀ ▶ to change the setting.

Press TV MENU to step back to the previous menu.

		SOUND 	Sound Mode	Standard					
Treble	50								
Basse	50								
COAXIAL Mode	PCM								
AD Switch	Off								
				Move	Menü	Return	OK	Select	EXIT

Description of the individual menu items:

Sound Mode	Standard, Music, Movie, Sports, Personal
Treble	Setting 0-100
Bass	Setting 0-100
COAXIAL Mode	PCM / Auto
AD Switch	On / Off

6.4 TIME MENU

The fourth menu item is the TIME menu. You can set the sleep timer, the auto standby, and the display time. Press ▲ ▼ to select a setting, press ▲ ▼ to change the value and OK to confirm. Press the MENU button to return to the previous menu.

EN

		TIME	Clock	23/Jun 13:31			
Time Zone	GMT+1						
Sleep Timer	AUS						
Auto Standby	2 H						
OSD Timer	30s						
			◀▶ Move	Menu Return	OK Select	EXIT Exit	

Description of the individual menu items:







Clock	Automatically by time zone
Time Zone	Set Time Zone GMT+1
Sleep Timer	Off, 15min, 30min, 45min, 60min, 90min, 120min und 240min
Auto Standby	Off, 2H, 3H, 4H (Hours)
OSD Timer	5 s, 15 s und 30 s (Seconds)

6.5 LOCK MENU

The fifth item of the menu is the LOCK MENU You can lock system, set password, lock channel and set parental guidance. Once you set the lock system on you can not search the channels or change any channels.

Press ▲ ▼ to select the setting, press ▲ ▼ to select the value to change, press ◀ ▶ to change the setting.

Press TV MENU to step back to the previous menu.

LOCK	     
	System Lock Off
	Set Password
	Channel Lock
	Parental Guidance Off
	Key Lock Off
	Hotel Mode

Description of the individual menu items:

System Lock	Here you can lock the system, the password is 0000
Set Password	Here you can change the password
Channel Lock	Here you can lock certain channels
Parental Guidance	Here you can set the protection of minors (select age)
Key Lock	Key Lock On or Off
Hotel Mode	Lock different functions and change presets

**Note:**

The default password is 0000.

If the menu is completely locked, the hotel mode can be opened directly with the key combination MENU - 4 - 5 - 8 - 8 (without hyphens).

Lock station: Press ▲ ▼ to select a program (station), press the green teletext key to lock the program. If you want to release the program, please go to the main menu, enter the password, then press the green button again. **Parental Guidelines:** Press ◀▶ to select a level / age.

This option is only available in the DVB-T and DVB-S modes

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6.6 SETUP MENU

The sixth item of the MENU is the SETUP MENU.

You can adjust the Menu language, Audio language, Subtitle language etc.

Press ▲ ▼ to select the setting, press ▲ ▼ to select the value to change, press ◀▶ to change the setting.

Press TV MENU to step back to the previous menu.



Language

English

SETUP	TT Language	West
	Audio Languages	English
	Subtitle Language	English
	Hearing Impaired	Off
	PVR File System	
	Aspect Ratio	Auto
	Blue Screen	On
	First Time Installation	
	Reset	
	Software Update (USB)	
	Invironment	Home Mode
	HDMI CEC	
◀ ▶ Move Menü Return OK Select EXIT Exit		

NOTE: Resetting to the delivery state deletes all programs and passwords.

Description of the individual menu items

Language	Select the menu language
TT Language	Select the videotext language
Audio Languages	Select Audio Language
Subtitle Language	Select Subtitle Language
Hearing Impaired	On / Off
Aspect Ratio	Select aspect ratio between: Automatic (4: 3 and 16: 9 - these 2 settings are not supported on all channels)
Blue Screen	On / Off

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First Time Installation

Reset	Reset to the factory setting (all data will be lost)
Software Update (USB)	Software update, if available via USB
Environment	Home Mode / Shop ...
HDMI CEC	Control of HDMI connected devices

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7 Hotel Mode

Note on operation in hotel mode:

To enter the hotel mode, select "System Lock " under the menu item "LOCK". Confirm with OK and enter the password (0000). Now this menu item is activated, press ◀▶ to change the setting (On / Off) and you can select "Hotel mode", confirm with OK.

A list is displayed. To select the individual points, use the arrow buttons (up, down) to select the desired menu item and confirm with the arrow (right), then use the ◀▶ / ▲ ▼ buttons to change the setting and press the OK button To confirm. To return to the menu selection point, press the TV menu on the remote control. To exit this mode completely, press the Exit button.

Key functions in the hotel mode	
Up / Down arrow buttons	Selection of menu items
Right arrow button	Confirm the menu items
Arrow button left / right or up / down	Change Settings
OK button	Confirm setting
MENU button	Return to the menu selection
EXIT button	Exit the menu

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Hotel Menu		
Hotel Mode		Enable or disable hotel mode
Lock source		Lock individual sources (satellite, HDMI, etc.)
Start source		"Off" or signal source such as (satellite, HDMI, etc.)
Start channel		Set channel at system start
Standard volume	40	Volume at system start
Max Volume	100	Maximum adjustable volume
Import database		
Export the database		
CHANNEL		On/Off
PICTURE		On/Off
SOUND		On/Off
TIME		On/Off
LOCK		On/Off
SETUP		On/Off
Reset locks		



NOTE:







If the menu is completely locked, the hotel mode can be selected via the key combination

MENU - 4 - 5 - 8 - 8 (without hyphens) can be opened directly.

8 EPG Menu (Electronic Program Guide).













The EPG menu is used to look at what is being broadcasted on DTV or Radio channel in the day. To access the EPG menu, press the EPG button, the following menu will be displayed:

Program guide		
10. April 2014 14:45 – 15:14		
The Big Bang Theory		
10. April	14:23 – 14:45	The Big Bang Theory
1. ProSieben	14:45 – 15:14	The Big Bang Theory
2 Das Erste HD	15:14 – 15:37	The Big Bang Theory
3 ZDF HD	15:37 – 16:04	The Big Bang Theory
4 RTL Television	16:04 – 16:31	The Big Bang Theory
5 SAT.1	16:31 – 16:59	How I meet your mother
6 Kabel eins	16:59 – 17:59	Taff
7 RTL2	17:59 – 18:09	Newstime
		● Prev Day ● Next Day
	Move View	Display Details EXIT EXIT

	Press  /  to toggle between channel and programme selection.
	Press  /  to select the desired channel or the channel of the currently selected channel.
Blue Key (Next Day)	Press the blue button to display the next day (new date is displayed at the top right of the screen).
Yellow Key (Prev. Day)	Press the yellow button to return to the previous day.
DISPLAY Key	If a program is selected and highlighted in yellow, the DISPLAY button can be used to display or hide detailed information about it.

9 Troubleshooting

No sound /No Picture

Trouble phenomenon Symptom		Inspection Check	
Picture	Audio		
 Snow	 Noise	antenna position, direction or connection	
 Ghost	 Normal audio	antenna position, direction or connection	
 Interference	 Noise	electronic equipment, car/motorcycle, fluorescent light	
 Normal Picture	 Mute	Volume (check if mute is activated or if the audio system connections are not correct)	
 No picture	 Mute	Power cord is not inserted Power switch is not opened Contrast and brightness/volume	
 No colour	 Normal audio	Colour control	

Problem	Potential Reasons	What to do
Remote control unit is not workable	The battery is exhausted	Change new battery
	Remote control unit is not in the right opposite of the front panel or too far from it	Adjust the way of holding remote control unit and near from the panel

Error notes

Display	Possible cause	Solutions
No CI Module	An encrypted transmitter is displayed, but the CI module is not present or does not respond.	<ul style="list-style-type: none"> - If no module is used and you do not want to use a module, please change the transmitter. - Check whether the module is inserted correctly. - Restart the device.
Error code 17	The module used is not suitable or configured for the selected reception path, or the station search was not completed successfully.	<ul style="list-style-type: none"> - In a TV mode, press the OK button to check if your station list contains stations. If the list is empty, perform a station search.

<p>No Signal</p>	<p>The reception is disturbed, the antenna cable is not connected, an unused reception path has been selected, or the station search has not been completed successfully.</p>	<ul style="list-style-type: none"> - Check the input source using the SOURCE button. - Check the antenna cable. - In TV mode, press the OK button to check if your station list contains stations. If the list is empty, perform a station search.
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NOTE:

In some cases, in the event of a malfunction, the TV should simply be reset to the factory setting (in the SETUP MENU).

NOTE:

If the display shows the USB mode or the options "PHOTO", "MUSIC" and "FILM" and no longer your TV program, please press the SOURCE button on the remote control and select the desired source..

10 CI+ information

The TV set contains a Common Interface CI+ Slot. Different CAM cards with smart card reader can be found at local dealers for different Pay-TV provider.

- Set in: Turn off the TV. Now insert the module.
- Remove: Turn off the TV. Now just unplug the module.

If a Module is set in some more options are available at the *CI Information page of the OSD*.

1. Press the MENU key to open the system settings.
2. Use the arrow keys to select *CI Information* and press **OK** to open the settings. Wait until the sub menu is loaded.
3. Use the arrow keys to select an option and press **OK** to change or open the selected function.
4. Press **EXIT** to store the changes and exit the menu.



Important:

Menu options and existing setting points depend on the CI+ module you are using. The CI+ module (not included in the scope of delivery) is necessary to be able to receive encrypted stations using a smart card (not supplied). Please ensure that the CI+ module and smart card are compatible with each other.

The device can be operated with CI + capable modules. Which channels and contents are enabled depends on the CI+ module and smart card used. Note that not all service providers will provide the necessary CI+ module, or use different modules that may not be compatible.

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

With DVB-T2, the smart card is integrated in the CI+ module

11 TELETEXT Function Keys

Teletext is an information system broadcast by certain channels which can be consulted like a newspaper. It also offers access to subtitles for viewers with hearing problems or who are not familiar with the transmission language(cable networks, satellite channels, etc.)

Press:	You will obtain:
<p>TEXT</p>	<p>This is used to call or exit teletext modes. The summary appears with a list of items that can be accessed. Each item has a corresponding 3 digit page number. If the channel selected does not broadcast teletext, the indication 100 will be displayed and the screen will remain blank (in this case, exit teletext and select another channel).</p>
<p>SELECTING A ▲ ◆◆◆◆ ▼ ◆◆◆◆</p>	<p>Enter the number of the page required using the 0 to 9 up/down. Example: page 120, enter 120. The number is displayed top left, the counter turns and then the page is displayed. Repeat this operation to view another page. If the counter continues to search, this means that the page is not transmitted. Select another number.</p>

DIRECT ACCESS TO THE ITEMS	Coloured are as are displayed at the bottom of the screen. The 4 coloured keys are used to access the items or corresponding pages. The coloured areas flash when the item or the page is not yet available.
INDEX	This returns to the contents page (usually page 100).
SUB PAGE	Certain pages contain sub-pages which are automatically displayed successively. This key is used to stop or resume sub- page acquisition. The indication appears top left.
HOLD	To freeze the page.
REVEAL	To display or hide the concealed information (games solutions).
LIST	The user can set four favorite pages to be directly linked to the four color keys. While list mode is activated, it is not possibility to use TOP or FLOF navigation with the colorkeys. The favorite page numbers should be stored and restored to/from nonvolatile memory for each channel by the system software.

12 Selecting the input source

This unit includes a variety of input sources, which can be selected and selected using the SOURCE button on the TV or on the remote control.

Press SOURCE to enter the input source menu, the following screen appears:



Navigation buttons ▲ ▼ and OK

In the input source menu, press the ▲ ▼ direction buttons to select the desired screen mode and press the OK button to enter the selected mode

13 Connecting USB Devices

The Dyon Core has an USB Port to upgrade the software and playing media files.



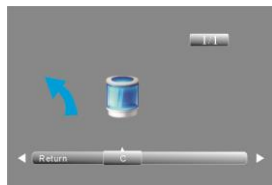
! If possible, please connect USB devices directly to the Devices USB interface.
If this is not possible, use only USB extension cables not exceeding 25 cm.

Press SOURCE then direction buttons to select USB mode, then press the OK button to confirm.

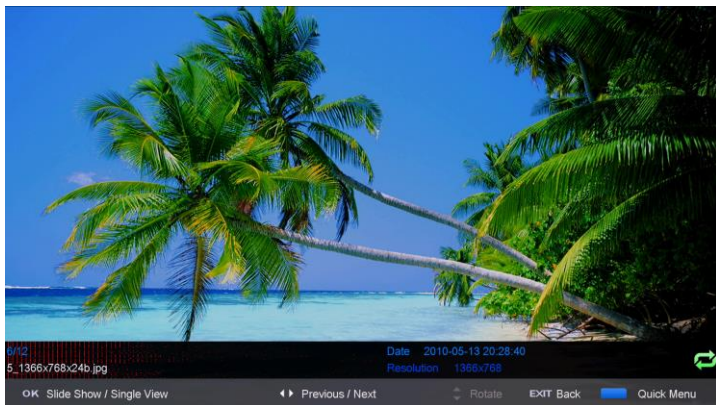
Please make sure that the USB device have plugged in the slot. There are four type media item can be selected, such as photo, music, movie and text. Select the type media item by pressing ◀▶, press OK button to enter the disk selection menu.



Press the ◀▶ to select the right disk and press OK to display media files and folder list or choose Return to back to the media type selection menu.



13.1 Photo Playback



- Use ◀▶ or ▲ ▼ to select a photo. 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.

When the media file (photo, music, movie) is played, press the OK or DISPLAY button to display the control bar:



Press ◀▶ to select the icon of the desired function.
 Press the OK button to call up the function. Press ▼ or the EXIT button to hide the control bar.

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13.2 Music Playback

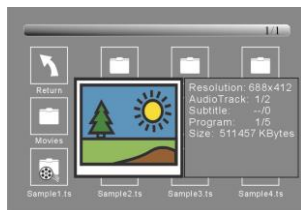
- Use ◀▶ or ▲ ▼ to select a music file. An infofile is displayed.
- Press the OK button or Play button ▶ (at the bottom of the remote control) to play the music file

When the media file (photo, music, movie) is played, press the OK or DISPLAY button to display the control bar:



Press ◀▶ to select the icon of the desired function. Press the OK button to call up the function. Press ▼ or the EXIT button to hide the control bar.

13.3 Video Playback



- Use ◀▶ or ▲ ▼ to select a photo. A preview image is displayed.
- Press the OK button or Play button ▶ (at the bottom of the remote control) to display the movie in full screen mode.

Note on video playback

Please note that due to the variety of video formats, you can not guarantee that all files will be played back even if the actual file format is supported. Video and audio format within the file may differ from the standard and lead to incompatibility with the device.

The same applies to photos and music files.

When the media file (photo, music, movie) is played, press the OK or DISPLAY button to display the control bar:



Press ◀▶ to select the icon of the desired function. Press the OK button to call up the function. Press ▼ or the EXIT button to hide the control bar.

14 Specifications

Item	Specification	
ATV/DTV Tune	Frequency Range	VHF: 174MHz to 230 MHz UHF: 470MHz to 862 MHz
Connections	RF IN	IEC 169-2 female connector
	TV SCART	Composite Video, Audio L/R
Power	Input	100-240V ~ 50/60Hz
	Consumption	60 W.
Display	Decoder Module	PAL, NTSC
	Aspect Rate	4:3 (Letterbox, Pan & Scan), 16:9
Decoding	Video	MPEG2 Transport MP@ML
	Audio	MPEG2 Audio Layer
Others	Compliance	ETSIEN 300 744 DVB-T ComplianceETSIEN 300 421 DVB-S2 Compliance
	Sound Mode	Right, Left, Stereo

* Specifications are subject to change without further notice.

A	Name of supplier		AXDIA
B	Model name		ENTER 19 PRO X2
C	Energy efficiency class		A
D	Screen size	E Centimeter	47
		F Inch	18,5
G	Power consumption (W)		16,2
H	Annual energy consumption* (kWh)		23,6
I	Power consumption in standby mode (W)		0,26
J	Power consumption in the off state (W)		0
K	Screen resolution		1366 x 768

* Energy consumption 23,6 kWh / year, based on a daily four-hour operation of the television on 365 days. The actual energy consumption depends on the type of use of the tv.



— This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of life separately from your household waste. There are separate collection systems for recycling in the EU. For more information, please contact the local authority or your retailer where you purchased the product.

Important Note

The above energy efficiency class is valid until the end of February 2021. The power consumption will of course remain the same thereafter.



As of 01.03.2021, TV sets will be classified in new energy efficiency classes and provided with new energy labels. A device with the energy efficiency class "A" thus now becomes a device of class "F".

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.



15 Glossary

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DiSEqC	Digital Satellite Equipment Control Digital system, with which the receiver can control different components of the external unit. It is especially used for selecting from multiple satellite positions (for example Astra and Eutelsat).
EPG	Electronic Programme Guide
RF connector	Coaxial connector for LNB antenna cable.
FTA	Free to air services Free of charge services that can be received without a special decoder.
LNB	Low Noise Block Amplifier / Converter A device at the centre of the antenna, which converts high frequency incoming signals from satellites into a low frequency range and amplifies them simultaneously.
Mute	Key of the remote control for turning off sound
OSD	On screen display Menu control displayed on the screen.
PID	Identification number of a received data stream. The PIDs ensure that a channel is received completely.
Receiver	Receiver unit, which converts signals from the antenna into video and audio signals.
SCART	A21 pole connector for connecting the TV set to the receiver.
HDMI	High Definition Multimedia Interface. A connector for connecting the TV set to the receiver and transmit picture and sound in HD quality.
Y/PB/PR	A connector for connecting the TV set to the receiver and transmit picture in high quality
RGB	Separated colour information transmission (Red-Green-Blue)
HD	High Definition TV

Manufacturer

Axdia International GmbH
 Formerweg 9
 D-47877 Willich (Germany)

Tel: +49(0) 2154 / 8826-0
 Fax: +49(0) 2154 / 8826-100
 Web: www.dyon.eu

Support hotline: +49 (0)2154 / 8826-101

E-Mail: support@axdia.de

16 Warranty condition

The following conditions comprise the requirements and scope of our warranty conditions and do not affect our legal and contractual warranty obligations.

We offer a warranty on our products in accordance with the following conditions:

1. DYON products are covered by a 12 month warranty. We will resolve damages or defects on DYON products free of charge within 12 months of the purchase date under the following warranty conditions. For any damage or defect determined later than 12 months after the purchase date, proof of a manufacturing fault must be submitted for repair under warranty.
The warranty does not cover batteries and other parts, which are considered consumables, parts that break easily such as glass or plastic or defects based on normal wear and tear. There is no warranty obligation in the event of marginal differences compared to the target appearance and workmanship provided these have a negligible effect on the product's fitness for use, in the event of damage caused by chemical or electrochemical effects, by water or generally from abnormal conditions.
2. The warranty will be performed in such a way that we shall decide whether to repair the defective parts or to replace them with working parts free of charge. AXDIA reserves the right to exchange the product for a replacement product of equal value if the product that is sent in cannot be repaired within a reasonable time or at reasonable cost. The product can also be exchanged for a different model of the same value. Requests cannot be made for repairs to be carried out on site. Parts that have been replaced or exchanged become our property.
3. The warranty claim does not apply if repairs or other work is carried out by unauthorized persons or if our products are equipped with additional parts or accessories that are not approved for our products.
4. Warranties that have been activated do not cause the warranty period to be extended, nor do they trigger a new warranty period. The warranty period for any replacement parts installed ends with the warranty period for the entire product.
5. Any other or further claims are excluded, especially those for replacement due to damage caused outside of the product, provided there is no obligatory legal liability. We therefore accept no liability for accidental, indirect or other consequential damage of any kind, which leads to usage restrictions, data loss, loss of earnings or interruption to business.

Asserting a warranty claim

1. To make use of the warranty service, you must contact the AXDIA Service Center by e-mail, fax or phone (support@axdia.de). You can also use the 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 it is determined that a warranty claim exists, you will be given an RMA number (Return Material Authorization) and you will be asked to send the product to AXDIA.

IMPORTANT: AXDIA will only accept parcels that have an RMA number.

Please observe the following when sending the product:

1. Send the product suitably packaged with carriage and insurance paid. Do not enclose any accessories with the products (no cables, CD's, memory cards, manuals, etc.), unless the AXDIA Service Centre specifies otherwise.
2. Mark the RMA number on the outside of the package in such a way that it is visible and clearly legible.
3. You must enclose a copy of the sales slip as proof of purchase.
4. Once AXDIA has received the product, it will meet its warranty obligations in accordance with the warranty conditions and will return the product to the sender with carriage and insurance paid.

Service outside of warranty

AXDIA can refuse any service claim made that is not covered by the warranty. If AXDIA agrees to provide a service outside the warranty, the customer will be invoiced for all repair and transport costs.

AXDIA will not accept any packages that have not first been approved by AXDIA by means of an RMA (Return Material Authorization).

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