

Index

Index	1
1 Important Safety Instructions	3
2 Front and Rear Panel Illustration.....	5
3 Remote Control.....	6
3.1 Key introduce.....	6
3.2 Installing the Batteries	7
3.3 Using the Remote Control	7
4 Connections	8
4.1 Connecting to TV	8
4.2 Connecting the Cable	9
5 First Time Installation.....	10
6 Channel Settings.....	11
6.1 Edit channel	11
6.1.1 Favorites	11
6.1.2 Lock / unlock channels	12
6.1.3 Skip channels	12
6.1.4 Move channels	12
6.1.5 Delete channels	12
6.1.6 Rename channels	12
6.1.7 Sort channels (A-Z; Z-A, u.s.w.)	12
7 Installation	13
7.1 Quick Search	13
7.2 Auto Search	13
8 System Setup.....	14
8.1 Language	14
8.2 TV System	14
8.3 Display Setting	15
8.4 Local Time Setting	15
8.5 Timer Setting.....	15
8.6 Parental Lock.....	16
8.7 OSD Setting	16
8.8 Favorite	17
8.9 Other	17
9 Tools	18
9.1 Information	18
9.2 Factory Setting.....	18
9.3 Common Interface	18
9.3.1 CAM Modul.....	18
9.4 Firmware upgrade.....	19
9.5 USB Media Player	19

9.6	Remove USB device safely	19
10	Game	19
11	Record Setting	20
11.1	PVR Speicher Einstellungen	20
11.2	PVR Setting	20
12	Record & MediaPlayer	21
12.1	Record & Timeshift	21
12.1.1	Record.....	21
12.1.2	Timeshift	21
12.1.3	Recording List	22
12.2	MedienPlayer	22
12.2.1	Record.....	22
12.2.2	Music.....	22
12.2.3	Bilder	23
12.2.4	Video	23
13	General functions	24
13.1	OK List	24
13.2	Favorite List	24
13.3	EPG (Eletronic Program Guide)	25
13.4	Teletext	25
13.5	Program Information	26
13.6	Audio.....	26
13.7	Subtitle	26
13.8	Zoom In.....	26
14	Glossary	27
15	Troubleshooting	28
16	Technical Specification	29
17	Warranty condition	31

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, table-cloth, 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.

**CAUTION:**

When the apparatus was in electrostatic circumstance, it may be malfunction and need to reset by user.If.

**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.dyon.eu>

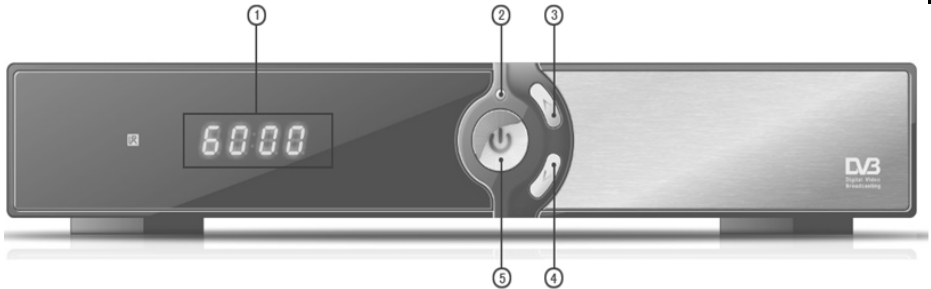
See our website for the latest information on this product, on other products by our company and on our company itself. If you have questions or problems, please read the FAQs on our website or contact our customer support service support@dyon.eu.

Appropriate use

The receiver is designed for receiving encrypted and unencrypted digital SD and HD cabel channels 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.

2 Front and Rear Panel Illustration

1. Front panel



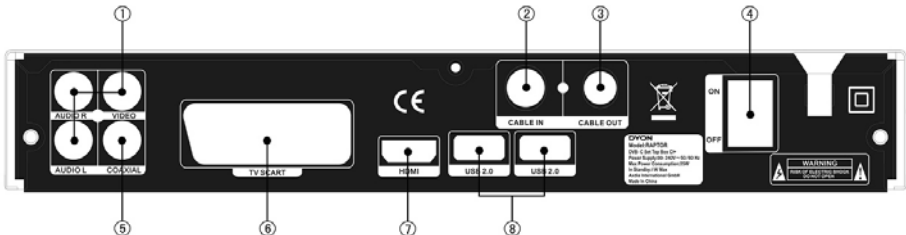
1. **LED Display:** Used to display information.
2. **DVB-C Signal indicator** (green if signal)
3. **CH+** (Navigates through the Menus. Selects the next Channel)
4. **CH-** (Navigates through the Menus. Selects the previous Channel)
5. **Standby** (Used to switch the set top box to on or standby)
Stand-by-indicator ()



Caution:

If possible, please connect USB devices directly to the DYON Harrier's USB interface.
If this is not possible, use only USB extension cables not exceeding 25 cm.

2. Rear panel



1. **AV Video Output:** This socket outputs analog audio L/R / video signal.
2. **RF-Input:** Used to connect the cable to receive the signal.
3. **RF-Reloop:** This socket will bypass the RF signal to another STB.
4. **Powerswitch:** Turn on / off the engine.
5. **Coaxial:** This socket connects to a coaxial socket on your surround sound system.
6. **TV Scart:** This socket connects to your TV.
7. **HDMI OUT:** This socket connects to HDMI in device.
8. **USB-Port:** Data input from USB storage devices.



!!!!ATTENTION!!!!

THE DEVICE HAS A POWER SWITCH. IN THE CASE THE POWER SWITCH IS IN OFF POSITION, THE DEVICE CANNOT WORK!!!

3 Remote Control

3.1 Key introduce

No.	Key	Function
1	STANDBY	Switch the product to on or standby
2	MUTE	Mute or restore audio output
3	DISP	Set the HDMI mode
4	AUDIO	Display the audio list
5	SLEEP	Set the sleep time
6	TV/RADIO	Switch between TV and RADIO
7	0-9 (No.Keys)	Enter a TV/radio channel number or menu option number
8	EPG	Display the program guide
9	USB	Enter USB menu
10	MENU	Activate main menu
11	EXIT	Exit current menu Step by step
12	CH ▲	Navigates through the Menus. Selects the next Channel.
13	VOL ◀	Navigates through the Menus. Decreases volume.
14	VOL ▶	Navigates through the Menus. Increases volume.
15	CH ▼	Navigates through the Menus. Selects the previous Channel.
16	OK	Confirm
17	P ▲	Page up
18	P ▼	Page down
19	RECALL	Switch to the previous viewed channel
20	ZOOM	Picture zooming function
21	FAVOURITE	Display favorite channel list
22	FIND	Quickly find channels which you want
23	JUMP MARK	Jump to the marked position
24	MARK	Mark a position when play the video
25	INFO	Display the program information
26	SUB	Display the subtitle language list
27	TXT	Display the teletext
28	DVR Info	Display the information of the video and the recording
29	⏮ (PREV)	Previous
30	⏭ (NEXT)	Next
31	⏩ (FWD)	Fast forward
32	⏮ (REV)	Fast rewind
33	⏸ (PAUSE)	Pause/Step
34	● (RECORD)	Record
35	■ (STOP)	Stop
36	▶ (PLAY)	Play



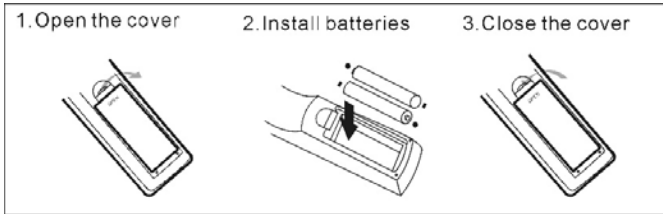
Note:

SUB / TEXT / AUDIO may not be available for all channels.

3.2 Installing the Batteries

Remove the battery cover from the remote control and put 2xAAA size batteries inside the compartment.

The diagram inside the battery compartment shows the correct way to install the batteries.



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.

3.3 Using the Remote Control

To use the remote control, point it towards the front of the digital set top box. The remote control has a range of up to 7 metres from the set top box at an angle of up to 60 degrees.



The remote control will not operate if its path is blocked.



Note:

Sunlight or very bright light will decrease the sensitivity of the remote control.

Please do not plug out the storage media directly when it is being used, such as the following functions or menus: music/album/ movie/, PVR timeshift/recording/playback. If you want to plug out it, please close or stop the functions and menus above firstly.

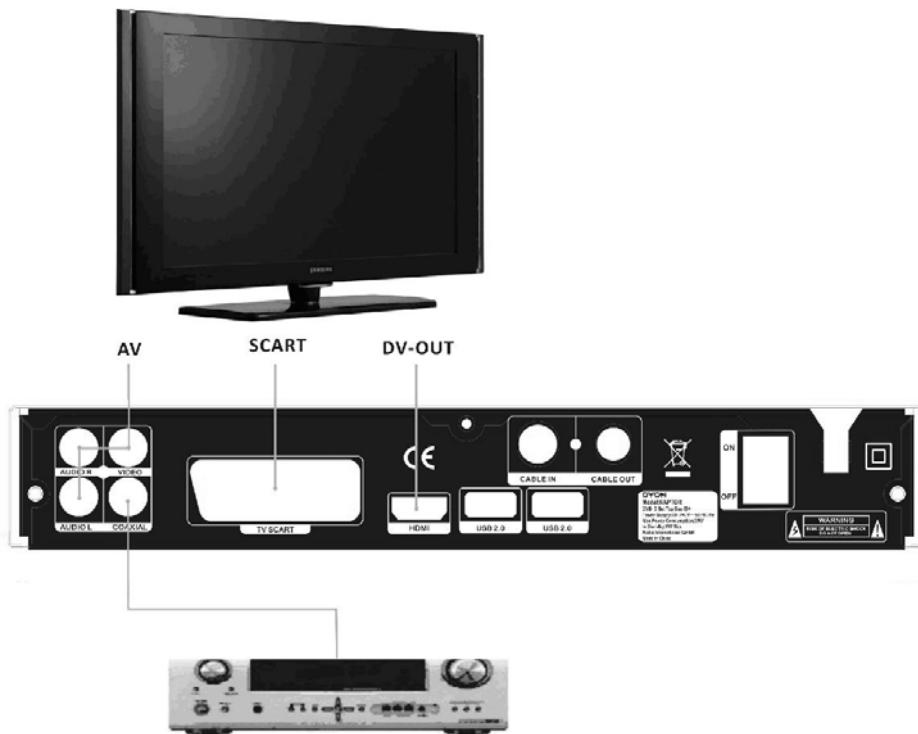
4 Connections

4.1 Connecting to TV



Caution:

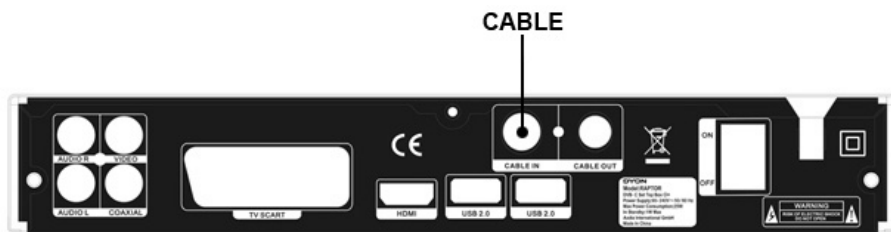
Make sure to check the voltage specification of the wall outlet is the same rating with the receiver. To prevent the risk of electric shock, do not open the cover or the back of the receiver.



Note:

When connecting the receiver to other equipment, e.g., TV, VCR and amplifier, make sure to refer to relevant user manual for instruction. Also, make sure you disconnect all the equipments from the mains supply before the connection.

4.2 Connecting the Cable



Connect the antenna cable as shown above.



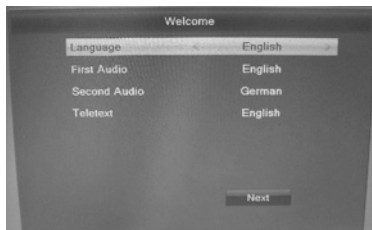
Note:

You can only use a DVB-C cable connection to receive.

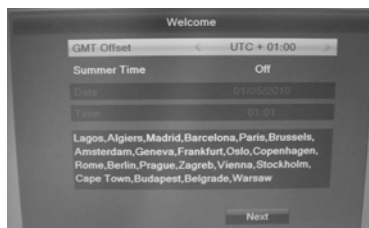
5 First Time Installation

After all connections have been made properly, switch on TV and make sure the receiver is connected to the Main Power. Press Power button to switch receiver on. If you are using the receiver for the first time or restored to Factory Default, the Main Menu will appear on your TV screen.

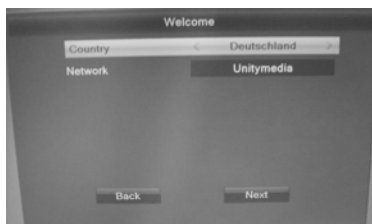
- (1) Select [OSD-Language] and press ◀ / ▶ to switch your choice.
- (2) Select first audio language.
- (3) Select second audio language.
- (4) Select teletext language.



- (5) Select your timezone.
- (6) Switch summer time on or off.



- (7) Select your country.
- (8) Select your cable provider.



Do you want to load default channels?

- Yes: the preinstalled channel list will be load. You can watch tv directly.
- No: the auto search will be started.

6 Channel Settings

Press the **Menu** Key to open the main settings and select „Programm Edit“.

You can set the following options:

TV Channel List: Edit TV Channel

Radio Channel List: Edit Radio Channel List

Delete all: Delete all programs

Select one of three options and press „Ok“ to confirm.



6.1 Edit channel

To edit channels (Lock, skip, favourite, move, or delete) open TV Channel List or Radio Channel List menu.

As shown on the right side:

Press „Vol ◀ / ▶“ to switch between the program lists.



6.1.1 Favorites

Use the **CH+/CH-** keys to select the channel then press the **FAV** button and use the **CH+/CH-** keys to select a FAV group, then press OK button to confirm. And the channel added to the FAV group which you selected.

Open favorites

If you have set several favorite lists, press the **FAV** button to enter the favorite list.

Press the **CH+/CH-** button to change different favorite list and press the **OK** button to select a fav-group.

6.1.2 Lock / unlock channels

Use the **CH+/CH-** keys to the channels and press the RED button.

6.1.3 Skip channels

Use the **CH+/CH-** keys to the channels and press the GREEN button.

6.1.4 Move channels

Use the **CH+/CH-** keys to the channels and press the YELLOW button. Then you can using the **CH+/CH-** keys to move the channel to the new location or using the numeric keys input the number of the position that you want to move to, and press the OK button.

6.1.5 Delete channels

Press the BLUE to edit the channels.

You can mark multiple channels with BLUE button. Then exit the edit window, you will get a security message asking whether you want to save the operation or not.

6.1.6 Rename channels

Press the BLUE to edit the channels.

Use the **CH+/CH-** keys to the channel and press the GREEN button.

6.1.7 Sort channels (A-Z; Z-A, etc.)

Press the BLUE to edit the channels.

Press the RED button and the sort menu is showed up. Then you can sort channels by (Z-A, A-Z, FTA/Scramble and lock).

7 Installation

7.1 Quick Search

Scan mode

Select how you want to find the channels:

Frequency: Input directly the frequency of the data packet.

Channel: Name of the single frequency.

Symbol rate

Input the symbol rate value.

QAM

Input the QAM value.

Network Search

Select Networkscan to add transponder from program providers to your transponderpool.

7.2 Auto Search

Auto Search allows you to configure the cable setting parameters.

Before search, you must select the correct network option which you want to search. And then move highlight to Search, and press OK button to search.

8 System Setup

EN



8.1 Language

Enter Language menu, you can set the OSD Language, First Audio Language, Second Audio Language and Teletext Language.

8.2 TV System

1. Video Resolution

Here you define the resolution, which is output via the HDMI. The options are 480i / 480p, 576i / 576p, 720p_50 / 720p_60, 1080i_25 / 1080i_30, 1080p_50 / 1080p_60 / 1080p_25 / 1080p_30 / 1080p_24.

Note: Please use the native resolution of your TV. To do this, follow the specifications of your TV equipment. E.g. 720p for HD-Ready TV sets or 1080i/1080p for FULL-HD TV sets.

2. Aspect Mode

With this menu you can change the aspect ratio to your TV television, AUTO, 4:3 PS, 4:3 LB, 16:9.

Note: In general, allows to 16:9 optimal output. This shows in the correct 4:3 aspect ratio display.

3. Digital Audio Out

With this option you can define the nature of the digital audio output via coaxial audio output. BS Out Sound is in RAW mode to the coaxial audio output unchanged issued
LPCM Out Output is in PCM format

8.3 Display Setting

The display settings can set Brightness, Contrast, Saturation, Hue, Sharpness and Led Brightness. You can press the **VOL+ / VOL-** button to adjust the value.

8.4 Local Time Setting

The Local Time Setting contains option for GMT Offset, Summer Time, Date, Time.

8.5 Timer Setting

You can setup a View or Record Timer here. Select a timer and press OK button.

Timer Mode

Once: only one time.

Daily: Repeat every day.

Off: Close this timer.

Timer Service

Channel: Will switch to the channel when the timer is started.

Record: Only if there is a USB device, it will be recorded automatically when the timer is started. And the recorded PVR will be saved in USB device.

Wakeup Channel

Select the Channel from Channel List.

Wakeup Date

Input start date of the timer.

On Time

Set Start time of the timer.

Duration

Set the timer duration.



8.6 Parental Lock

1. Menu Lock

Menu Lock determines that when users wish to enter "Edit Channel/Installation/Tools" menu, whether have to input Password or not.

2. Channel Lock

Channel Lock determines that when users wish to play the lock channels, whether have to input the password or not.

3. New Password

New Password is used for change the password. You can input the new password in this item by using numeric keys directly.

4. Confirm Password

After you finished the New Password, the highlight will auto skip to Confirm Password and ask you to input the new password again. If the password is correct, the screen will show up a message of "Saving Data, Please wait...". After finish saving and back to "system Setup" menu, the password is changed.



Please note:

Default password: „0000“

Master password „2580“

8.7 OSD Setting

1. OSD Timeout

OSD Timeout can set the duration time of the information bar show up on the screen. The range of the duration is "1 second~10 seconds".

2. OSD Transparency

Press the **VOL+ / VOL-** button to change the OSD Transparency. There are 5 levels of transparency, 10%, 20%, 30%, 40% and "Off".

3. OSD Aniamation

Press the **VOL+ / VOL-** button to switch the OSD Aniamation status.

8.8 Favourite

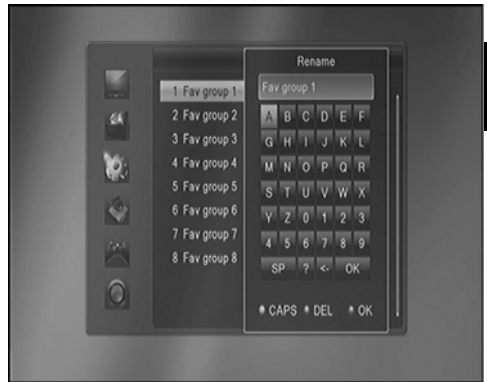
You can rename the favourite group's name in this menu.

Press **Ok** to input the name over the software keyboard.

Press **Red** to delete

Press **Yellow** for capslock

Press **Blue** to save



8.9 Other

Channel Play Type

Beeper

Auto Standby

9 Tools

9.1 Information

Display version information such as software or hardware.

9.2 Factory Setting

You have the opportunity to make undo all the settings and changes by load the default settings.

9.3 Common Interface

This option allows you to view, change the settings and information of a Common Access Module.



9.3.1 CAM Modul

You can press the **DVR INFO** button to enter the recording list directly. Press the **CH+/CH-** to highlight the PVR file you want to play, press the **OK** button to play. And you can watch the PVR file while recording.

CI+ module authenticate

If you insert the CI+ module, it will appear the prompt box such as the right picture. Waiting few minutes, it will appear the other prompt box. The information is "Your Module is operational". Then the prompt box will disappear automatically.

And you can watch the Pay-TV.

Note: If you inset the module first time or switch to another module, the module will authenticate for a long time. Please wait patiently.



9.4 Firmware upgrade

Let you install a new software version on the device. This of course must be connected to a USB HDD or memory stick with the update file in the root directory.

You can select "Upgrade" or "Save ".

- Upgrade Upgrading a new software version
- Save Saving the data of current software version or the program list.

9.5 USB Media Player

Open the USB media player.

9.6 Remove USB device safely

You can use this item to remove USB device safely.

10 Game

You can play 2 games here, **Othello and Sudoku**.

11 Record Setting

11.1 PVR Setting

You can press **VOL+ / VOL-** button to see the selected partition information of USB HDD or memory stick. If you are connecting 2 USB device, then press **CH+ / CH-** to change USB device.

DVR Set

Press **BLUE** button to set the DVR type. There are three options of DVR Type, **REC** & **TMS**, **REC** and **TMS**.

REC & TMS: Both for recording and Timeshift in current partition

REC: Only for recording in current partition

TMS: Only for timeshift in current partition.



Note:

There are two icons display under the partition. The red icon means recording, the green icon means timeshift.

11.2 PVR Setting

The PVR settings contain relevant options for the inclusion or time-shift function. These are Timeshift, Jump, Timeshift to Record and display REC icon.

1. Timeshift

With this function you can turn off Time shifting or activate.

Note: If you select "On", it will remain maximum size of 20G for timeshift.

2. Jump

You can set the jump time.

3. Time-shift to Record

It allows you to whether add the content of auto timeshifted into recorded file or not.

4. Display REC Icon

You can set the display time of REC icon when recording.



12 Record & MediaPlayer

12.1 Record & Timeshift

12.1.1 Record

You can watch another channel from the same TP while recording. You can also record two FTA channels in the same transponder at the same time. You can also do many operations while recording.

1. Start Recording

- 1) You can press the **●** button to start recording while watching program.
- 2) If you have set the timer, and set the **Time Record** on, it will start recording automatically according to the start time of the timer.

2. Stop Recording

- 1) You can press the **■** button to stop recording. If you don't press the **■** button, it will stop recording according to the record duration.
- 2) If you have set the timer, it will stop recording automatically according to the stop time of the timer.
- 3) If the free space on the USB HDD or USB disk is insufficient, recording will stop.

3. Watch the Other Program while Recording

At the same time, you can only watch the program from the same TP.

4. Other Operations while Recording

While the recording channel is current channel, press the **INFO** button can display the channel information. And press the **DVR INFO** button can display the recording time. And press the **DVR INFO** button twice can display all the previous recording files. Press the **●** button can set the record duration. Press the **||** button to pause the program and press the **▶** button to play the program. Press the **◀◀/▶▶** button can fast rewind or fast forward in playback mode.

12.1.2 Timeshift

Timeshifte allows you to pause a live broadcast and return to it later and continue where you left off.

In order to use the Time Shift function, you must navigate to Menu -> REC Setting -> PVR Setting-> Timeshift with the option "ON". And the timeshift will start automatically while play the program. While it is in timeshift mode, press the **DVR INFO** button can display the timeshift information, press the **||** button can pause the program and press the **▶** button to play the program, press the **◀◀/▶▶** button can fast rewind or fast forward. Press **YELLOW** button to mark on current time when info bar display. And press the **BLUE** button to jump to mark.

12.1.3 Recording List

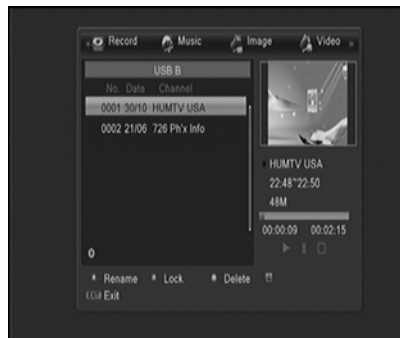
You can press the **DVR INFO** button to enter the recording list directly. Press the **CH+/CH-** to highlight the PVR file you want to play, press the **OK** button to play. And you can watch the PVR file while recording.

12.2 MedienPlayer

Press „USB“ on remote control to open the Media Player. It can play many kinds of media files, you also can record channels and playback them and you can do various operations when using USB HDD or USB disk. You can press **VOL+/VOL-** button to change media type in Image/Video/Record/Music.

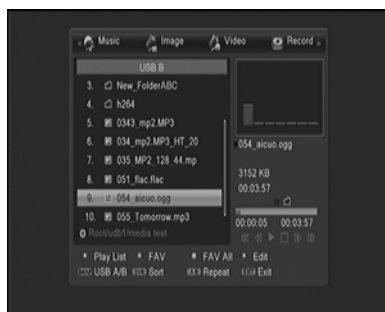
12.2.1 Record

CH+/-	Move to the previous or next recording or folder
Ok	Starts playback of the file or open the folder
Red	Rename the selected file
Green	Lock the selected file
Yellow	Delete the selected file
Exit	Return to previous directory



12.2.2 Music

CH+/-	Move to the previous or next music or folder
Ok	Play the selected music file
Red	Display the Play List of the music files
Green	Add the highlighted music to the Play List
Yellow	Add all music files in current directory to the Play List
Blue	Edit (Rename/Delete/Copy/Add Folder)
SWAP	Switch to the other USB device
DVR	Sort the files by Name/Time/Size/Favourite
A-B	Set the Repeat mode (Single, Folder, Folder Random)
Exit	Return to previous directory



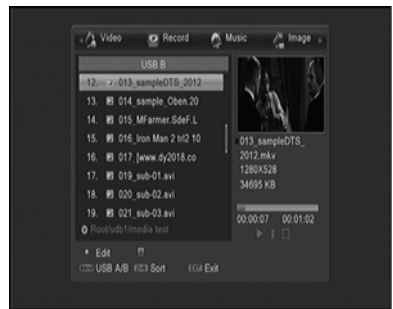
12.2.3 Bilder

- CH+/-** Move to the previous or next image or folder
- Ok** Start the slide show of all images in this folder
- Red** Display the Play List of pictures
- Green** Add the highlighted image to the Play List
- Yellow** Add all images in current directory to the Play List
- Blue** Edit (Rename/Delete/Copy/Add Folder)
- SWAP** Switch to the other USB device
- DVR** Sort the files by Name/Time/Size/Favourite
- A-B** Set menu with the options for the slide show time and slide show repeat
- TXT** Display all images as small thumbnails
- Exit** Return to previous directory



12.2.4 Video

- CH+/-** Move to the previous or next video or folder
- Ok** Play the selected video file
- Blue** Edit (Rename/Delete/Copy/Add Folder)
- SWAP** Switch to the other USB device
- DVR** Sort the files by Name/Time/Size/Favourite
- Exit** Return to previous directory



13 General Functions

13.1 OK List

Press the **OK** button to enter the channel list while watching a program.

Press the **VOL+/VOL-** button to switch the satellite and FAV group.

Press the **CH+/CH-** button to move the highlighting, and press OK button to watch the highlighting channel.

RED: Program find function

YELLOW: Shows only a type of programmes
HD, Crypte, FTA...

GREEN: Sort function



Multifeed channels

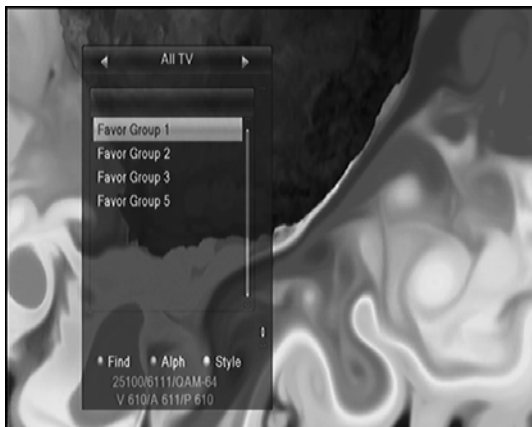
If a program have multifeed channels, press "**Green**" Key to open the select menu.
Press "Up/Down" to select the multifeed channel and confirm with "Ok".

13.2 Favourite List

If you have set several favorite lists, press the **FAV** button can enter the favorite list.

Press the **CH+/CH-** button to change different favorite list and press the **OK** button can select a favorite group.

Press **CH+/CH-** button to select the channel in the current favorite list.



Note:

If you selected a favorite list, press the **CH+/CH-** button can only change the channels in this favorite list and press the **OK** button can only display the channels in this favorite list.

13.3 EPG (Eletronic Program Guide)

You can view the EPG information of all channels in time and date order.

1. Press the **EPG** button.
2. Press the **CH+/CH-** button to change channel.
3. Press the **VOL+/VOL-** button to change EPG event of the highlighted channel.
4. Press the **OK** button to display the detail information of the highlighted EPG event.



- Go to the EPG of current time
 - ◀ Go to the EPG of previous hour
 - ▶ Go to the EPG of next hour
 - ◀◀ Go to the EPG of previous 2 hours
 - ▶▶ Go to the EPG of next 2 hours
 - ◀◀◀ Go to the EPG of previous day
 - ▶▶▶ Go to the EPG of previous day

Press the **GREEN** button to enter **Timer Setup** menu. After setup, press the **OK** button can add the highlighted EPG event to the Timer.

13.4 Teletext

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.)

1. Press the **TXT** button.
2. Press the **CH+/CH-** button to page up or page down.
3. Press the **NUMERIC(0-9)** buttons can go to the designated page directly.



13.5 Program Information

You can press the **INFO** button to display the general information of the current channel. And the info bar will disappear automatically after few seconds or you can press the **EXIT** button to exit the info bar.

You can press the **INFO** button twice to display the detail information of the current channel. It can display the channel name, satellite, transponder, PID and signal information. And you can press the **EXIT** button or **INFO** button to exit the info frame.

13.6 Audio

You can select the language you prefer in **Audio** if the current program is available in multiple audio languages.

1. Press the **AUDIO** button.
2. Press the **OK** button to select the audio language you prefer.
3. Select audio direction (**Left**, **Right**, **Stereo**) using the **VOL+/VOL-** button.
4. Press the **EXIT** button to close.

13.7 Subtitle

You can select the language for the subtitle if the program provides subtitle information.

1. Press the **SUB** button.
2. Select the required subtitle language and press the **OK** button. The subtitle of the selected language will be displayed at the bottom of the screen.

13.8 Zoom In

You can zoom in the current video picture.

1. Press the **ZOOM** button.
2. Press the **CH+/CH-/VOL+/VOL-** button to move the icon to the position you want to zoom in.
3. Press the **OK** button to display.
4. Press the **EXIT** button to close.

14 Glossary

DVB	The Digital Video Broadcast group was created to establish a technical framework for the introduction of digital video broadcasting systems.
EPG	Electronic Programme Guide
RF connector	Coaxial connector for antenna cable.
FTA	Free to air services Free of charge services that can be received without a special decoder.
S/PDIF	Sony/Philips Digital Interface Format. Digital audio output.
Mute	Key of the remote control for turning off sound
OSD	On screen display Menu control displayed on the screen.
Symbol rate	Speed of the digital transmission
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.
Transponder	Satellite frequency. Several digital channels can be broadcasted simultaneously on a transponder.
VCR	Abbreviation for Video Cassette Recorder or DVD Player.
HDMI	High Definition Multimedia Interface. A connector for connecting the TV set to the receiver and transmit picture and sound in HD quality.
Coaxial	Electrical digital audio output for connecting an audio amplifier.

15 Troubleshooting

If you experience problems with this receiver or its installation, in the first instance please read carefully the relevant sections of this User Manual and this Troubleshooting section.

Problem	Possible cause	What to do
No picture	Power isn't connected	Connect the power
	The power switch is not on	Switch on the power
Screen shows No Signal	Not connect DVB-C cable	Plug in the DVB-C cable
	Incorrect setting	Set up correct parameter
No sound from Speaker	No or incorrect connection with audio cable	Connect the audio cable correctly
	Mute the sound	Switch on the correct volume control
	Incorrect sound track	Try another sound track
Only sound, no image on the screen	No or incorrect connection with AV cable	Connect the audio cable correctly
	The program is a radio program	Press <TV/RADIO> key to shift into TV mode
Scrambled channel message	Channel is scrambled	Select an alternative channel
		Input Cam module
Forgotten channel lock code		Re-install channels to cancel channel lock
No response to remote control	Receiver off	Plug in and turn on receiver
	Handset not aimed correctly	Aim handset at front panel
	Front panel obstructed	Check for obstructions
	Remote control batteries are inserted incorrectly	Check batteries direction
	Handset batteries exhausted	Replace remote control
The image stop suddenly or mosaic	The signal is too weak	Strengthen the signal
	Not shielded TV cable	Use a shielded TV cable
Missing Channels in the pre-installed list	Sometimes the cable provider changes the frequencies. We try to keep the list updated	Please do a auto scan (or manual scan if the new frequencies are known)."

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16 Technical Specification

Tuner & Channel



No. of Tuners	QPSK ,8PSK
Frequency Range	950 MHz to 2150 MHz
Signal Level	-25 to -65 dBm
LNB Power	13V/18V/14V/19VOFF, I _{max} = 400mA
LNB Tone Switch	22KHz+/-2KHz, 0.6Vpp+/-0.2V
DiSEqC Control	Version DiSEq C 1.0/1.1/1.2/1.3(USALS)Compatible, Tone burst A/B

MPEG

Transport Stream	MPEG-2 ISO/IEC 13818Transport stream specification
Profile Level	MPEG1,MPEG-2 MP@ML,H.264, VC1, DV, DivX, and MPEG4
Input Rate	80 Mbps for MPEG Transport Stream and 25 Mbps for DV streams
Aspect Ratio	4:3, 16:9
Video Resolution	576i, 576p, 480i, 480p, 720p50, 720p60, 1080i,1080p
Audio Decoding	MPEG-2 layer I and II (Music cam),MPEG4 AAC and MPEG4 AAC-HE (AAC+),Dolby Digital (AC-3) with bit rates up to 640 K bits /s, LPCM up to 48 KHz,MP3.
Audio Mode	Single channel/Dual channel/Joint stereo/Stereo
Sampling	32, 44.1 and 48 KHz

Power Supply

Input Voltage	AC 90 ~240V, 50/60Hz
Power Consumption	Max. 18 W
Protection	Separate internal fuse. Input shall have lightning Protection

Physical Specification

Weight (Net)	About 2.5kg
Operating Temp	0C° to + 40C°
Storage Temp	-40C° to + 65C°

* Specifications are subject to change without further notice.

Declaration of conformity

We declare that the product is in conformity with the requirements of the following directives and standards:

European Directive 2004/108/EC

**EN 55013: 2001 +A1:2003 +A2:2006, EN 55020 :2007
(EN61000-3-2:2006, EN61000-3-3:1995+A1+A2)**

European Directive 2006/95/EC

EN 60065:2002 +A1:2006 +A11:2008

European Directive 2009/125/EC + Commission Regulation 107/2009

Willich, 17.09.2010

Axdia International GmbH

17 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 24 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 (see below for contact details). 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).

