OPERATING MANUAL
FTA HD SATELLITE RECEIVER

Model	Item no.
TRIAX HDS 110	**305211**

Version	EN

triax.com

Operating Manual

- The illustrations and the OSD in this operation manual are for explanation and guidance purposes only.
- The examples used throughout this manual are based on the HDS 110 model.

Dear Triax customer

Thank you for purchasing the **TRIAX HDS 110 FTA HD Satellite Receiver**.
To ensure safety and many years of trouble-free operation, please read the **Important Safety Precautions** carefully before using this product.

Contents

Introduction

- Cleaning - Unplug the AC power from the mains supply before cleaning the product. Use a damp cloth to clean the product. Do not use liquid cleaners or aerosol cleaners.

- Use a soft damp cloth to gently wipe the product when it is dirty. To protect the product, do not use a chemical cloth to clean it. Chemicals may cause damage or cracks in the casing of the product.

- Water and moisture - Do not expose the unit to wet or damp conditions.

- Do not place vases or any other water-filled containers on this product. The water may spill onto the product causing fire or electric shock.

- Ventilation - The vents and other openings in the casing are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/or shorten the life of the product. Do not place the product on a bed, sofa, rug or other similar surface, since they can block ventilation openings. This product is not designed for built-in installation; do not place the product in an enclosed place such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions are followed.

- Heat sources - Keep the product away from heat sources such as direct sunlight, radiators, heaters, stoves and other heat-generating products (including amplifiers).

- To prevent fire, never place any type of candle or naked flames on the top or near the product.

- The product uses power even in Standby. Unplug the product from the AC outlet when you are not using it.

- Servicing - Do not attempt to service the product yourself. Removing covers can expose you to electric shock and other dangerous conditions. Maintenance should be performed by a suitably qualified person.
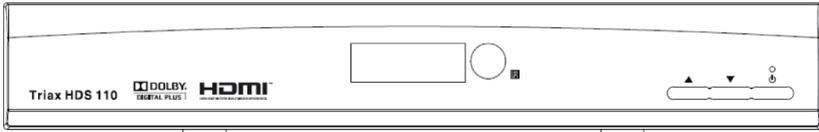
Introduction

1. **STANDBY**
   Switches the receiver into and out of Standby.

2. **NUMERICAL KEYS**
   Allows the user to enter numerical values
   such as a channel number.

3. **INFO**
   Press to view channel information.

4. **MEDIA**
   Enter Media Menu

5. **USB**
   Enter USB Menu

6. **RECORD**
   Record a programme

7. **PLAYBACK CONTROLS**
   Play, Pause, Stop, Fast Forward, Rewind, Previous, Next.

8. **CURSOR**
   Ch+ / Ch- / Vol+ / Vol-

9. **MENU**
   Open and Close the Menu screen.

10. **TTX**
    Displays Digital Text, (when available).

11. **TIMER**
    Enter the Timer Menu.

12. **RED/GREEN/YELLOW/ BLUE**
    Function buttons where applicable.

13. **MUTE**
    Turns the Volume On / Off.

14. **RECALL**
    Switches to the previous channel.

15. **AUDIO**
    Selects the Audio Channel.

16. **TV / RADIO**
    Switches between TV and Radio channels.

17. **SUBTITLE**
    Turns Subtitles On / Off.

18. **EPG**
    Opens the Electronic Programme Guide.

19. **OK**
    Confirms an action.

20. **EXIT**
    Exits a Menu screen.

21. **GOTO**
    Selects a time within media playback.

22. **FAV**
    Opens the Favourite Lists.

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Introduction

Receiver (Front View)

Triax HDS 110

Channel Up

Channel Down

Standby

Receiver (Rear View)

Rear Panel

Audio Out Left

Composite Video Out

Mains Supply In

Model: Triax HDS 110   Part No: 305211
Power Supply: AC 220-240V ~50/60Hz
Maximum Power Consumption: 10W

CVBS

AC 220-240V
~50/60Hz

LNB IN   LNB OUT   RJ45   USB   HDMI   SCART OUT   COAXIAL

LNB In   LNB Out   RJ 45   USB   HDMI Out   Scart Out   Audio Out Right   Coaxial Digital Audio Out

5
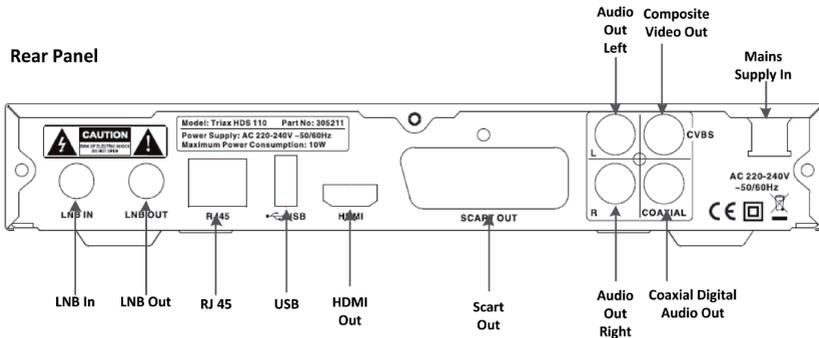
Introduction

Supplied Accessories

Remote Control Unit (x1)

HDMI Cable (x1)

HDS 110 Operating Manual

AAA Batteries (x2)

Preparation

Inserting the batteries

Before using the Receiver for the first time, insert the two supplied "AAA" size zinc-carbon batteries. When the batteries become depleted and the remote control unit fails to operate, replace the batteries with new "AAA" size batteries.

1   Open the battery cover.
2   Insert the two supplied "AAA" size zinc-carbon batteries.
  •   Place batteries with their terminals corresponding to the (+) and (-) indications in the battery compartment.
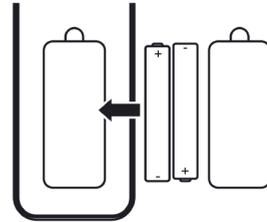**3   Close the battery cover.**

CAUTION

Improper use of batteries can result in chemical leakage or explosion.
Be sure to follow the instructions below.

•   Do not mix batteries of different types. Different types of batteries have different characteristics.
•   Do not mix old and new batteries. Mixing old and new batteries can shorten the life of new batteries or cause chemical leakage in old batteries.
•   Remove batteries as soon as they have worn out. Chemicals that leak from batteries can cause skin irritation. If you find any chemical leakage, wipe thoroughly with a cloth.
•   If you will not be using the remote control unit for an extended period of time, remove the batteries from it.
•   When replacing the batteries, use zinc-carbon batteries instead of alkaline ones.

Note on disposing batteries:
The batteries provided contain no harmful materials such as cadmium, lead or mercury.
Regulations concerning used batteries stipulate that batteries may no longer be thrown out with the household rubbish
Deposit any used batteries free of charge into the designated collection containers set up at your local recycling centre.

Using the remote control unit

Use the remote control unit by pointing it towards the front of the Receiver.
Objects between the remote control unit and sensor may prevent proper operation.

Cautions regarding the remote control unit

•   Do not expose the remote control unit to shock. In addition, do not expose the remote control unit to liquids and do not place in an area with high humidity.

•   Do not place the remote control unit under direct sunlight. The heat may cause deformation of the unit.

•   The remote control unit may not work properly if the remote control sensor of the Receiver is under direct sunlight or strong lighting. In such cases, change the angle of the lighting or the Receiver, or operate the remote control unit closer to the remote control sensor.

Quick Guide

Follow the steps below one by one when using the Receiver for the first time

1 Preparation

2 Run the Initial Settings

3 Watch TV

1 Connect the Satellite cable to LNB IN

LNB IN   LNB OUT

2 Connect the Receiver to your TV using the supplied HDMI cable

OPTICAL   HDMI
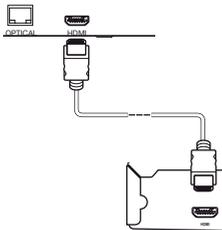
3 Connect the Mains Plug to the Mains socket and switch socket on.

1 Turn on the standy button on the Receiver

2 Run the installation guide

Ensure the satellite cable is connected

Installation Guide

OSD Language ◄ English ►
Country UK
Channel Search

EXIT EXIT   OK Confirm

Press OK to continue, then press the Blue button followed by OK to scan the default settings

Start Searching Channels

You will receive a message when installation is complete.

1 Congratulations! You can now watch TV

2 If neccessary, adjust the satellite to obtain maximum signal reception

Getting Started

If you are using the Set Top Box (STB) for the first time, the 'Installation Guide' menu appears. Press the cursor button to setup the OSD Language and Country settings. Highlight "Channel Search', then press the "ok" button to enter "Dish Setup" menu.

Installation Guide

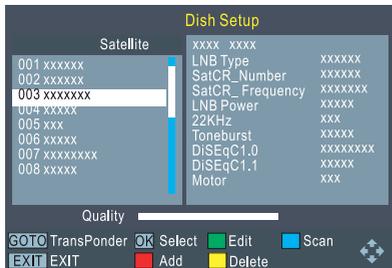| OSD Language	◀ English ▶
Country	UK
Channel Search	

EXIT EXIT   OK Confirm

In "Dish Setup" menu, Astra 28.2° East is set as the default satellite. If a different satellite is required press the 'UP' or 'DOWN' button to select the Satellite. Press "OK' button to select. Select the 'RIGHT' button to enter the setup menu. To scan the selected satellite press the "BLUE" button.

Dish Setup

Satellite	
001 xxxxxx	XXXX XXXX
002 xxxxx	LNB Type XXXXXX
003 xxxxxxx	SatCR_Number XXXXXX
004 xxxxx	SatCR_ Frequency XXXXXXX
005 xxx	LNB Power XXXXX
006 xxxxx	22KHz XXX
007 xxxxxxxx	Toneburst XXXXX
008 xxxxx	DiSEqC1.0 XXXXXXXX
	DiSEqC1.1 XXXXX
	Motor XXX

Quality

GOTO TransPonder OK Select ■ Edit ■ Scan
EXIT EXIT ■ Add ■ Delete

This menu allows you to change settings like LNB Type, SatCR_Number. SatCR_Frequency, LNB Power, 22K Hz, Toneburst, DiSEqC 1.0, DiSEqC 1.1 and Motor. Press 'EXIT' button to exit the setup menu.
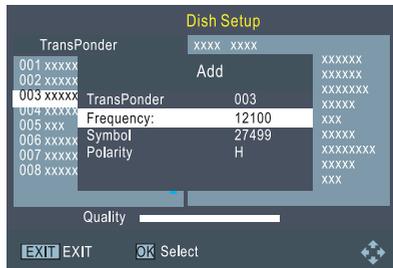
Channel Search

Scan Mode	◀ Default ▶
Crypted	FTA Channels
Service Type	All
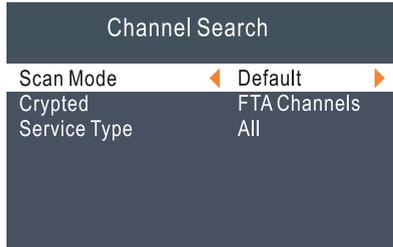
On the "Dish Setup " menu the following options are also available:

GREEN button: Edit satellite
RED button: Add satellite
YELLOW button: Delete satellite
BLUE button: Search Channels

Press the "GOTO' button to enter the Transponder menu. Pressing "GOTO" again takes you back to the "Dish Setup" menu.

GREEN button: Edit Transponder
RED button: Add Transponder
YELLOW button: Delete Transponder
BLUE button: Search Transponder for Channels

Dish Setup

TransPonder	
001 xxxxx	XXXX XXXX XXXXXX
002 xxxxx	Add XXXXXX
003 xxxxx	XXXXXXX
004 xxxxx	TransPonder 003 XXXXX
005 xxx	Frequency: 12100 XXX
006 xxxxx	Symbol 27499 XXXXX
007 xxxxx	Polarity H XXXXXXXX
008 xxxxx	XXXXX XXX

Quality

EXIT EXIT   OK Select

When the selected scan is complete, all active channels found will be stored automatically. To stop scanning at any time, press the EXIT button. The channels already found will be automatically stored.

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Programme

Programme Main Menu

1. Press the MENU button to enter main menu.
2. Press RIGHT or LEFT button to highlight and select the required icon, then press the OK button to enter the Programme menu.
3. Press the UP or DOWN button to high light the desired item, and then press OK or RIGHT button to enter the sub-menu.
4. Press EXIT button to return to main menu.

Programme

Programme Edit
EPG
Sort   Default

EXIT Return   OK Confirm

Programme Edit

1. In 'Programme' menu, highlight 'Programme Edit' and press the 'OK' button, you are asked to input the password, the default password is"000000".
2. In the Programme Edit menu, you can press the 'GOTO' button to select "All TV" or any other satellite.
3. Press the "UP" or "DOWN" button to highlight the required channel, press the 'OK' button to preview the desired TV channel. Use this menu to move, skip, lock, delete, rename and set favourite channels.

Programme Edit

All TV
017 BBC Parliament
018 CBeebies
019 BBC FOUR
020 305
021 Community
022 303

XXX XX
XXX

Move Skip Lock Delete FAV FAV INFO Rename
GOTO Satellite

Set a Favourite Channel

Move

Press the "RED" button. The selected channel will be marked with the move symbol. Press the 'UP' or 'DOWN' button to move the selected channel to the desired position. Press 'OK' button to confirm.

Skip

Press the "GREEN" button. The selected channel will be marked with the skip symbol. The selected channel will be skipped when you change the channel in full screen. To remove the skipped channel highlight the channel and press the GREEN button again. This removes the skip symbol.

Lock

Press the YELLOW button. The selected channel will be marked with the lock symbol. The selected channel will be locked. To remove the locked channel highlight the channel and press the YELLOW button again. This removes the lock symbol.

Delete

Press the BLUE button. The selected channel will be marked with the tick symbol. Press the "Exit" button, a confirmation window appears. Press the "OK" button to confirm the delete, the selected channel(s) are then deleted from the channel list. Press "EXIT" button to cancel.

FAV

Press the 'FAV" button, then press the "Up" or "DOWN" button to select "Favourite Type", press the 'OK' button, the selected channel will be marked with the symbol. The selected channel will be added to the FAV list. To exit from "Favourite Type" press the "EXIT" button. To remove the FAV symbol enter the "Favourite Type" menu and select "Disable".

After setting up your Favourite channel list(s) they can be accessed by pressing the "FAV" button while viewing Live TV. Pressing the "RIGHT" or "LEFT" buttons will display the different favourite lists. To select the required channel press the "OK" button.

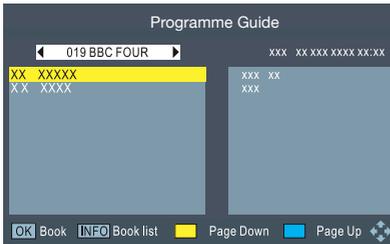Favorite Type
Disable
Movie
News
Sport
Music

Rename

Press the "INFO' button to open the virtual keypad. Enter the characters one by one by pressing the Cursor button, press 'ok" button on the virtual keyboard to confirm the change. The name will be changed automatically.
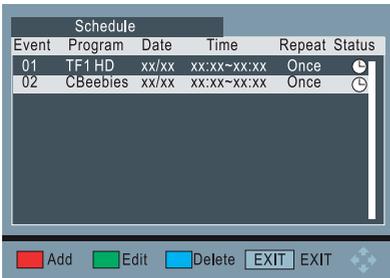
EPG Electronic Programme Guide

In the EPG menu, you can press the 'RIGHT' or 'LEFT' buttons to change channels. Press the "UP" or "DOWN" buttons to select programmes. Press the "OK" button to schedule an event. Pressing the 'INFO' button shows the scheduled events List.

Programme Guide

◄ 019 BBC FOUR ►   XXX XX XXX XXXX XX:XX

XX XXXXX   XXX XX
XX XXXX   XXX

| OK Book | INFO Book list | | Page Down | | Page Up |

Note: *You can also press "EPG' button to enter EPG menu directly.*

In Schedule menu (book List) you can set a programme event.
Press' RED' button to Add event.
Press' GREEN' button to Edit event.
Press' BLUE" button to Delete event.

Schedule

Event	Program	Date	Time	Repeat	Status
01	TF1 HD	xx/xx	xx:xx~xx:xx	Once	
02	CBeebies	xx/xx	xx:xx~xx:xx	Once	

| Add | Edit | Delete | EXIT EXIT |

Event Add

Channel Type	◄ TV ►
Channel No.	0001
Channel Name	TF1 HD
Start Date(M/D/Y)	xx/xx/xxxx
Start Time	xx:xx
End Time	xx:xx
Repeat	Once
Mode	View

Channel Type:
TV/Radio

Channel No:
Press the "LEFT/RIGHT" buttons to change the channel No.

Channel Name:
You can select a desired channel as the wake-up channel.

Start Date:
Press the number buttons on the Remote Control to input the required date.

Start Time:
Input the start time using the number buttons.

End Time:
Input the end time using the number buttons.

Repeat:
Once/Daily/Weekly

Mode:
View/ Record

Sort

Press the "RIGHT" or "LEFT" buttons to select the required sort feature, such as Default/ By Encrypt/ By Freq/ By Service name.

Picture

1. Press the "MENU" button to enter the main menu.
2. Press the "RIGHT" or "LEFT" buttons to select "Picture", then press the "OK" button to enter the Picture menu.
3. Press the "UP" or "DOWN" buttons to highlight the desired item. Use the "LEFT" or "RIGHT" buttons to change the item to the required setting.
4. Press the "EXIT" button to return to main menu.

The picture menu allows you to set the Aspect Ratio, Resolution, TV Format, and Video Output.

Aspect Ratio:
Auto//16:9 Pillar Box/ 16:9 Pan & Scan/4:3Letter Box/4:3 Pan &Scan/4:3 Full/16:9 Wide Screen

Resolution:
576i/576p/720p/1080i /1080P

TV Format: PAL/NTSC

Video Output: CVBS/RGB

Main Menu

1. Press the "MENU' button to enter the main menu.
2. Press the "RIGHT" or "LEFT" buttons to select "Channel Search", then press the "OK" button to enter the Channel Search menu.
3. Press the "UP" or "DOWN" buttons to highlight the desired item, then press "OK" or "RIGHT" buttons to enter the sub-menu.
4. Press the "EXIT" button to return to the main menu.

Dish Setup

Select "Dish Setup" and press the "ok" button to enter the "Dish Setup" menu. Please refer to Installation Guide' page 4 for detailed information.
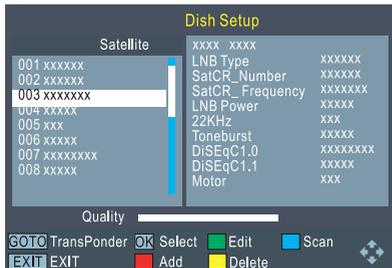
DB Management (Database)

This feature allows the user to save/load a channel list to the STB using a USB memory device.

Select "DB Management" and press the "ok" button to enter the "DB Management" menu. To save the channel list to a USB device, (USB device not included), select the "Backup to USB" option and press "OK"

To load the channel list from a USB device, select the "Load from USB" option and press the "OK". Select the relevant file on the USB device and press the "OK" button. When the "Load database successfully" is shown press the "EXIT" button to return to the "DB Management" menu.

Time

1. Press the "MENU" button to enter main menu.
2. Press the "RIGHT" or "LEFT" buttons to select the "Time", press the "OK" button to enter the "Time" menu.
3. Press the "UP" or "DOWN" buttons to select the desired option. Press the "LEFT" or "RIGHT" buttons to set the item to the required setting.
4. Press the "EXIT" button to return to main menu.

Time Offset:
You can set the time offset to Auto/Manual.

Time Zone:
The time zone allow the user to select the GMT offset

Date & Time
Date and Time menus are only valid when Manual is selected in the "Time Offset" menu

Time

Time Offset	Auto
Time Zone	GMT+1
Date	xx/xx/xxxx
Time	xx:xx
Sleep	Off

EXIT Return   OK Confirm

Auto Standby
The Auto shutdown feature will place the STB into standby if there is no user intervention within a set time. This can be set to the following:

3 Hours (Default Setting)
2 Hours
1 Hour
Off

OSD Off
This determines the length of time the information banners are displayed on the screen, default is 3 seconds.
*Note: to adjust the settings within the "Time" menu use the "Left" or "Right" buttons.

Option

Option Menu

1. Press the "MENU" button to enter main menu.
2. Press the "RIGHT" or "LEFT" button to highlight "Option". Press the "OK" button to enter the "Option" menu.
3. Press the "UP" or "DOWN" button to highlight the desired item. Press the "LEFT" or "RIGHT" button to set the item.
4. Press the "EXIT" button to return to main menu.

Option

OSD Language	English
Subtitle Language	English
Audio Language	French
Digital Audio	PCM

EXIT Return   OK Confirm

This menu allows you to set the following:

OSD Language
Subtitle Language
Audio Language
Digital Audio - Select the required setting when used with a surround sound system
Audio Description - Use this option to turn audio description On / Off

System Settings

System Main Menu

1. Press the "MENU" button to enter main menu.
2. Press the "RIGHT" or "LEFT" buttons to highlight "System". Press the "OK" button to enter the System menu.
3. Press the "UP" or "DOWN" buttons to highlight the desired item. Press the "OK" or "RIGHT" buttons to enter the sub-menu.
4) Press the "EXIT" button to return to main menu.

System

Parental Guidance
Set Password
Restore Factory Default
Information
Recall List
Software Update   Off

EXIT Return   OK Confirm

Parental Guidance

1. In "System" menu, select "Parental Guidance" and press the "OK" button. Enter password (Default password is "000000").
2. After entering the correct password by using the numbered buttons, the Parental Guidance menu appears.
3. Press the "RIGHT" or "LEFT" buttons to set the age to 04-18, or Off.

Parental Guidance

Age   ◄ Off ►

EXIT Return   OK Confirm

Set Password

1. In "System" menu, select "Set Password" and press the "OK" button to enter the menu.
2. Input the "Old Password" (the default password is "000000")
   Input New Password: (user defined)
3. Confirm the new password.

*Note: Please keep a record of your password in a safe place see page 23.

Set Password

Input Old Password   ◄ ------ ►
Input New Password   ------
Confirm Password   ------

EXIT Return   OK Confirm

Restore Factory Default

The "Factory Default" menu allows you to re-set the STB back to factory settings, deleting all existing channels.
1. In "System" menu, select "Restore Factory Default" and press the "OK" button. You are asked to input a password (default password is "000000").
2. After inputting the correct password by pressing the numbered buttons, press the "OK" button to restore factory default, or press "EXIT" to cancel.

System

Parental Guidance
Set Password   [OK]: Start   [EXIT]: QUIT
Restore Factory Default
Information
Recall List
Software Update   Off

EXIT Return   OK Confirm

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Information

The "Information" menu displays the STB Model Number, SW Version, and HW Version.

Recall List

Press the "RIGHT" or "LEFT" buttons to set Recall List to On/Off. When the "Recall List" is On pressing the "Recall" button will display a list of the most recent channels that have been selected since the setting was turned on.

Software Update

The "Software Update" menu allows the user to update the STB to the latest software version using a USB memory device.

1. Highlight the "USB Upgrade" and press the "OK" button.
2. Select the required file from the USB memory device and press the "OK" button to start the upgrade process.

Hotkey

In TV viewing mode, you can do the following:

- Press the UP/DOWN button to change channel.
- The Standby button toggles the STB between Standby and Active modes.
- The Mute button toggles between Audio on/off Press the LEFT/RIGHT button to adjust volume.
- Use numbered keys to change channel directly.
- Press the OK button to enter the channel List.
- Press the RECALL button to switch to the previous channel.
- Press the SUBTITLE button to select the subtitle language.
- Press FAV button to enter favourite list
- Press the EPG button to enter Electronic Programme Guide menu.
- Press the TV/Radio button to toggle between TV and Radio programmes or channel lists
- Pressing the INFO button opens the information banner, pressing the INFO button again will show current channel information. To exit press INFO again.

Software Update
USB Upgrade

EXIT Return   OK Confirm

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USB Main Menu

1. Press the "MENU" button to enter main menu.
2. Press "RIGHT" or "LEFT" buttons to highlight the "USB". Press the "OK" button to enter the "USB" menu.
3. Press the "UP" or "DOWN" buttons to highlight the desired option. Press the "OK" or "RIGHT" button to enter the sub-menu.
4. Press the "'EXIT"' button to return to main menu.

Multimedia

This option allows you to play files from a USB memory device. You can play music, photos, movies and PVR files.

1. In the Multimedia menu, press the "LEFT" or "RIGHT" buttons to select the desired option.
2. Press the "OK" button to enter the sub-menu. Within the sub-menu the contents of your USB device will be displayed.
3. Press the "UP" or "DOWN" buttons to select the relevant folder/file.
4. Press the "UP" or "DOWN" buttons to highlight the file you want to play, and press the "OK" button to select.
5. Press the "EXIT" button to return to the "Multimedia" menu.

You can also access the "Multimedia" menu by pressing the "USB" button.
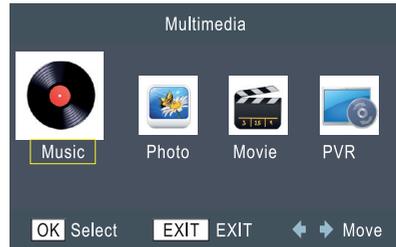
Music

To Play the selected music file press the "OK" button
To Pause the selected music file press the "PAUSE" button
To Resume playback press the "PLAY" button
To Fast Forward press the ">>" button
To Rewind press the "<<" button
To go to the next track press the ">>|" button
To go to the previous track press the "|<<" button
To stop the playback press the "STOP" button
To move to a specific time in the track press the "GOTO" button and enter the required time
Press the "YELLOW" button to set "REPEAT" options

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Photo

To view the selected photo file press the "OK" button
To Play a slide show press the "PLAY" button (See "Photo Configure" section for settings)
To Pause the slideshow press the "PAUSE" button
To Resume the slideshow press the "PLAY" button
To go to the next photo press the ">>|" button
To go to the previous photo press the "|<<" button
To stop the slideshow press the "STOP" button
Press the "YELLOW/GREEN" button to rotate the picture.
Press the "BLUE" button to view the photos as a "Thumbnail"

Movie

To Preview the selected movie press the "OK" button
Press the "RED" button to toggle between Preview/Full Screen
To Play the selected movie press the "PLAY" button
To Pause the selected movie press the "PAUSE" button
To Resume playback press the "PLAY" button
To Fast Forward press the ">>" button
To Rewind press the "<<" button
To go to the next movie press the ">>|" button
To go to the previous movie press the "|<<" button
To stop the playback press the "STOP" button
To move to a specific time in the movie press the "GOTO" button and enter the required time
Press the "GREEN" button to set the "RepeatAB" option (Repeats between points A and B as set by the user)
Press the "YELLOW" button to set "REPEAT" options

PVR

The PVR files can also be accessed by pressing the "MEDIA" button
To Preview the selected recording press the "OK" button
Press the "RED" button to toggle between Preview/Full Screen
To Play the selected recording press the "PLAY" button
To Pause the selected recording press the "PAUSE" button
To Resume playback press the "PLAY" button
To Fast Forward press the ">>" button
To Rewind press the "<<" button
To go to the next recording press the ">>|" button
To go to the previous recording press the "|<<" button
To stop the playback press the "STOP" button
To move to a specific time in the recording press the "GOTO" button and enter the required time
Press the "YELLOW" button to delete a recording, press the "OK" button twice to confirm the delete, or press the "EXIT" button to cancel the delete.
Press the "GREEN" button to "Rename" the recording using the virtual keyboard. Press the "OK" button on the virtual keyboard to confirm the change

Photo Configure

The "Photo Configure" menu allows the user to setup a Slide Show. The "Photo Configure" options are shown below:

Slide Time
Sets the photo slide time to 1, 2, 3,4, 5, 6, 7 or 8 seconds

Slide Mode
Sets the transition effect between photographs

Aspect Ratio
Sets the photo Aspect Ratio to Keep/discard

Photo Configure

Slide Time	◀ 2S ▶
Slide Mode	Random
Aspect Ratio	Keep

EXIT EXIT

Movie Configure

The "Movie Configure" menu allows the user to setup Subtitle style in Movie Mode. Please note that the recorded programme must contain the relevant information in order to display subtitles.

Subtitle Specific
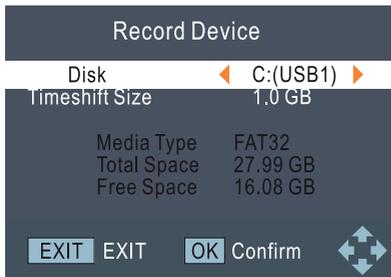Sets the Movie Subtitle Specific to NORMAL/ BIG/ SMALL

Subtitle BG
Set the Movie Subtitle BackGround to Transparent/Gray/ Yellow Green/ White

Subtitle Font Color
Set the Movie Subtitle Font Color to Red/ Blue/ Green/ White/ Black

Movie Configure

Subtitle Specific	◀ NORMAL ▶
Subtitle BG	Transparent
Subtitle FontColor	Red

EXIT EXIT

PVR Configure

The "PVR Configure" menu allows you to configure the PVR settings.

1. Press the "UP" or "DOWN" buttons to highlight the desired option. Press "OK" or "RIGHT" buttons to enter the sub-menu.
2. Press the"'EXIT" button to return.

PVR Configure

Record Device ▶
Format

EXIT Return   OK Confirm

PVR Configure Cont.

Record Device

1. Press the "LEFT" or "RIGHT" buttons to select Record Device. This gives information about the USB memory device connected to the STB.

Record Device

Disk   ◀   C:(USB1) ▶
Timeshift Size   1.0 GB

Media Type   FAT32
Total Space   27.99 GB
Free Space   16.08 GB

EXIT EXIT   OK Confirm

Format

This menu allows you to format the USB memory device.

1. Press the "OK" button to select disk and File System menu (Format Menu).
2. Press the "OK" button, an information banner appears. Press the "OK" button to format the USB memory device, please note all information on the USB memory device will be deleted.
3. Press the "EXIT" button to cancel.

Format

Format   ◀   Usb 1/C   ▶
File System   FAT32

XXXX XXX

OK Select   EXIT EXIT
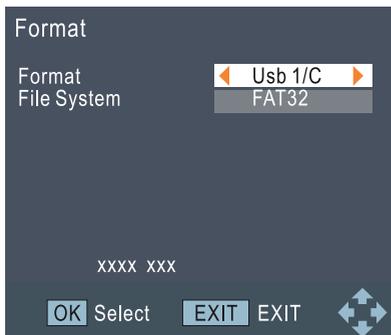
Record

Instant record

While viewing a programme, pressing the "RECORD" button will instantaneously start to record the current channel.

*Note An instant recording must be manually stopped by pressing the "Stop" button.

Pressing the "INFO" button displays recording information.

Pressing the "STOP" button stops the recording, then a confirmation window appears.

Press the "OK" button to stop the recording.

Press the "EXIT" button to continue recording.

Time Shift

Time Shift can be activated in viewing mode by pressing the "PAUSE" button.

During "Time Shift", it is possible to perform the following actions:
Press the "PLAY" button to start the playback
Press the "PAUSE" button to pause the playback
Press the ">>" button to fast forward the playback
Press the "<<" button to rewind the playback
Press the "STOP" button to stop the Time Shift. You are then brought back to live TV.

* Please note for Multimedia, Record, and Time Shift functions a USB memory device must be connected to the USB port on the rear panel of the STB. The read/white speed must be high enough to perform these operations reliably.

Troubleshooting

The following conditions in the table below do not always indicate a problem. Please perform the checks described below before calling for service. If the problem cannot be corrected by the use of this manual, remove the mains plug from the power socket and contact the **Helpline on 01443 778910** to obtain service or advice (Normal operator charges apply).

Alternatively you can email us at: **stbsupport@triax.co.uk**.

In the unlikely event of this equipment requiring repair during the guarantee period, you will need to provide proof of purchase to your point of sale. Please keep your purchase invoice or receipt in a safe place.

WARNING
Under no circumstances should you try and repair this product yourself.
This will invalidate the guarantee. Do not open the unit as there is risk of electric shock.

Problem	Possible Cause	
Standby light not lit	Mains lead unplugged Mains fuse blown	Check mains lead Check fuse
No signal found	Satellite is disconnected Dish is damaged/misaligned	Check Satellite lead Check Dish
No picture or sound	Incorrect source selected on TV Faulty cable or connections	Select correct source Check cables and connections
Scrambled channel message	Channel is scrambled	Select alternative channel
No response to remote control	Receiver off Handset not aimed correctly Front panel obstructed Handset batteries exhausted	Plug in and turn on. Aim handset at front panel. Check for obstructions. Replace handset batteries.
Forgotten channel lock code		Re-install channels to cancel channel lock
Forgotten menu lock code		Contact helpline

Specifications

TUNER & CHANNEL	IF INPUT CONNECTOR x1 (F-Type, IEC169-24, FEMALE) IF OUTPUT CONNECTOR x1 (F-Type, IEC 169-24, FEMALE (LOOP THROUGH)) FREQUENCY RANGE 950MHz – 2150MHz
FEATURES **VIDEO DECODER**	MPEG-2 MP@HL, MPEG-4 SP, DIVX13.11, 4.X, 6.X, FLV Format, H.264, MP@HL, AP(81_3,RM&RMVB)
AUDIO DECODER	MPEG-1, MPEG-2 (Layer1/11),MP3,ACC-LC
VIDEO FORMATS	4:3/16:9
VIDEO OUTPUTS	CVBS, RGB, HDMI
MODULATION	QPSK, 8PSK
CONNECTION **MAIN POWER CABLE** **TUNER** **SCART** **SPDIF** **DATA PORT** **HDMI** **RCA OUTPUT**	 FIXED TYPE DISH INPUT x I, IF OUTPUT x1 TO TV x1 COAXIAL x1 USB Slot HDMI OUTPUT x1 V/L/R x1
POWER SUPPLY **INPUT VOLTAGE** **POWER CONSUMPTION**	 AC220-240V, 50/60Hz 8W

Appendix

PIN Code Reminder

NOTE
You need to insert the PIN code here and refer it to the pages in the manual where this is covered.

IMPORTANT
Removal of a lost PIN code could be subject to a service charge.

Trademarks

This product is capable of receiving and decoding Dolby Digital Plus. Manufactured under licence from Dolby Laboratories. Dolby and the double D symbol are trademarks of Dolby Laboratories.

This product has a HDMI connector so that you can watch high definition TV with a HDMI lead when con-nected to a HD Ready TV.
HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Information on the software license for this product

Software composition

The software included in this product is comprised of various software components whose individual copyrights are held by TRIAX UK Ltd or by third parties.

Software developed by TRIAX and open source software

The copyrights for the software components and various relevant documents included with this product that were developed or written by TRIAX are owned by TRIAX UK LTD and are protected by the Copyright Act, international treaties, and other relevant laws. This product also makes use of freely distributed software and software components whose copyrights are held by third parties. These include software components covered by a GNU General Public License (hereafter GPL), a GNU Lesser General Public License (hereafter LGPL) or other license agreement.

Obtaining source code

We are unable to answer any questions about the source code for the open source software. The source code for the software components whose copyrights are held by TRIAX are not distributed.

End of life disposal

Attention:
Your product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste. There is a separate collection system for these products.

A. Information on Disposal for Users (private households)

1.   In the European Union

Attention: If you want to dispose of this equipment, please recycle.

Used electrical and electronic equipment must be treated separately and in accordance with legislation that requires proper treatment, recovery and recycling of used electrical and electronic equipment.

Following the implementation by member states, private households within the EU states may return their used electrical and electronic equipment to designated collection facilities free of charge*. In some countries your local retailer may also take back your old product free of charge if you purchase a similar new one.

* Please contact your local authority for further details.

If your used electrical or electronic equipment has batteries or accumulators, please dispose of these separately beforehand according to local requirements.

By disposing of this product correctly you will help ensure that the waste undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health which could otherwise arise due to inappropriate waste handling.

Pb

The battery supplied with this product contains traces of Lead.

For EU: The crossed-out wheeled bin implies that used batteries should not be put to the general household waste! There is a separate collection system for used batteries, to allow proper treatment and recycling in accordance with legislation. Please contact your local authority for details on the collection and recycling schemes.

Terms of Guarantee

This product is supplied with a 12 month manufacturers guarantee from date of original purchase.

In the unlikely event of an issue occurring within this period, please contact your point of sale.
Proof of purchase will need to be supplied.

1   This guarantee only applies to defects due to faulty workmanship or materials.
    It does not cover faults or damage caused by (but not limited to) accident, misuse, fair wear and
    tear, signal related issues, neglect, tampering with the product or repair other than by a facility
    appointed by Triax UK Ltd.

2   This product is intended for private domestic use only.
    The guarantee will not apply if the product is used in the course of a business, trade or profession.

3   The product must be correctly installed and operated in accordance with the instructions contained
    in this operating manual.

4   Triax UK Ltd disclaims any liability for incidental or consequential damages.

5   This guarantee is in addition to, and does not diminish your statutory or legal rights.

Declaration of Conformity

Company Name: **Triax UK Ltd**

Company Address: **Abergorki Industrial Estate,**
Treorchy, Rhondda-Cynon-Taff
CF42 6DL, UK

Object of the Declaration: **Triax HDS 110, Part Number 305211**

The object of the declaration described above is in conformity with the requirements of the following documents:

Low voltage directive 2006/95/EC
EMC Directive 2004/108/EC
WEEE Directive 2002/96/EC
Batteries and Accumulators Directive 2006/66/EC
RoHS Directive 2002/95/EC
REACH Regulation 1907/2006/EC
CE Marking Directive 93/68/EEC
Packaging Directive 94/62/EC

The product identified above complies with the relevant EC Directives by meeting the following standards:

BS EN55013:2001+A1:2003+A2:2006 Test Limits for STB Receivers Disturbance Characteristics
BS EN55020:2007 Test Limits for STB Receivers Immunity Characteristics
BS EN60065:2002:A1:2006+A11:2008 Audio and Video Equipment Safety Requirements
BS EN 61000-3-2:2006 Test Limits for EMC Harmonic Currents
BS EN61000-3-3:2008 Test Limits for EMC Voltage Changes and fluctuations

The Declaration of Conformity is made in relation to the associated tests carried out and verified by our suppliers and their authorised test facilities.

Signed for and on behalf of:
TRIAX UK LTD

KEVIN EDWARDS…………………………………………………………………QUALITY MANAGER.
1st March 2012

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CE