USER
MANUAL

SYTECH®

When technology turns to art

RF OUT
DC IN
RF IN
USB

SYTECH
SYTECH

TDT USB **RECORDER**
SY·3122

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

⚠ This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.
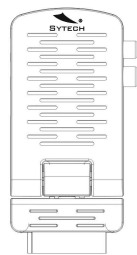
▢ This symbol indicates that this product incorporates double insulation between hazardous mains voltage and use accessible parts. When servicing use only identical replacement parts.

Package contents:

Package Contents:

Before installation, please check the contents of the package. The package should contain the following items:
1) DVB-T TV Receiver   x1pc
2) Remote Control   x1pc
3) AAA Battery for the Remote Control   x1pair
4) Infrared Lead   x1pc
5) User Manual   x1pc
6) Adaptor   x1pc

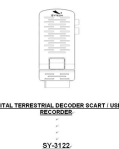DVB-T TV Receiver   Remote Control   AAA Battery

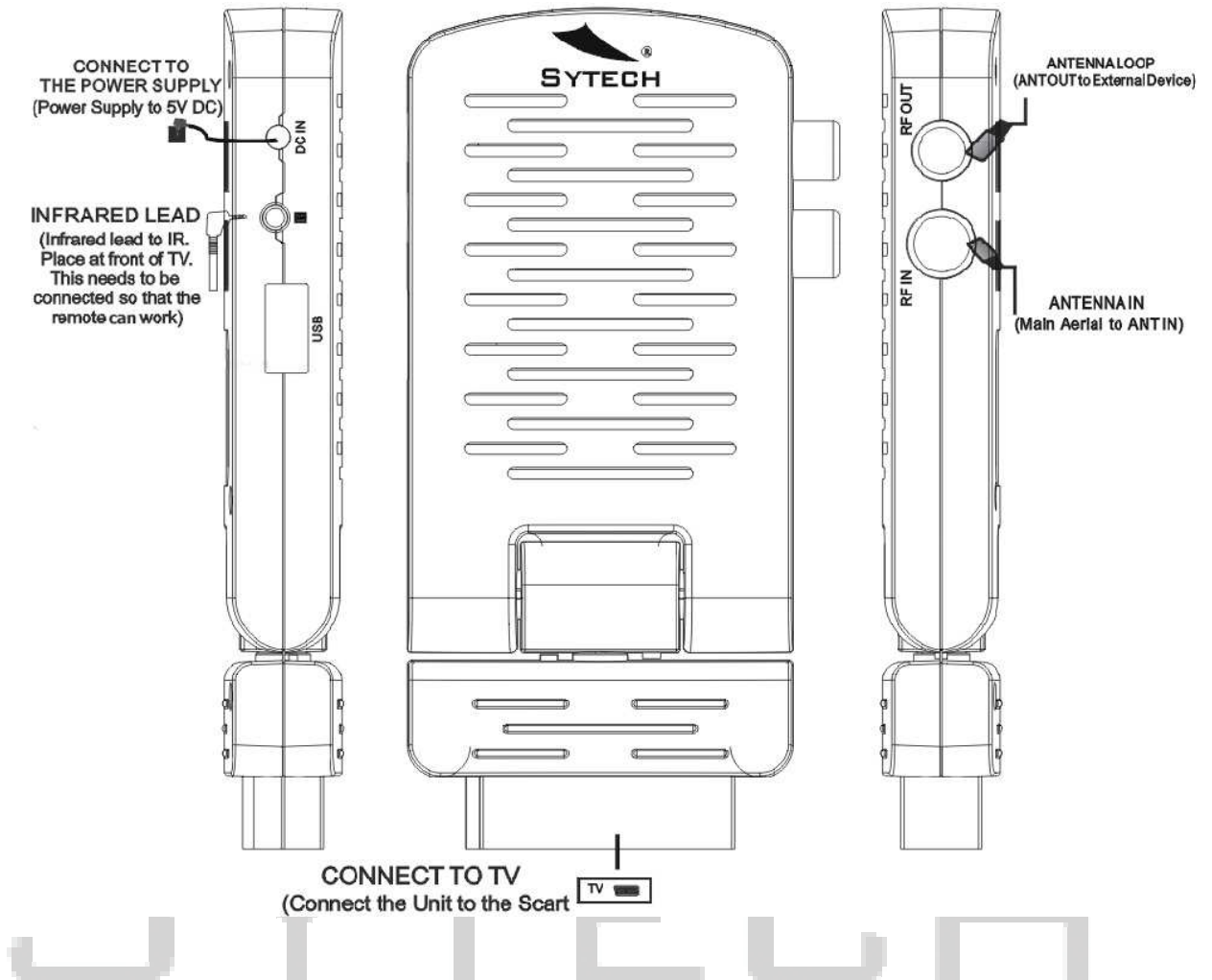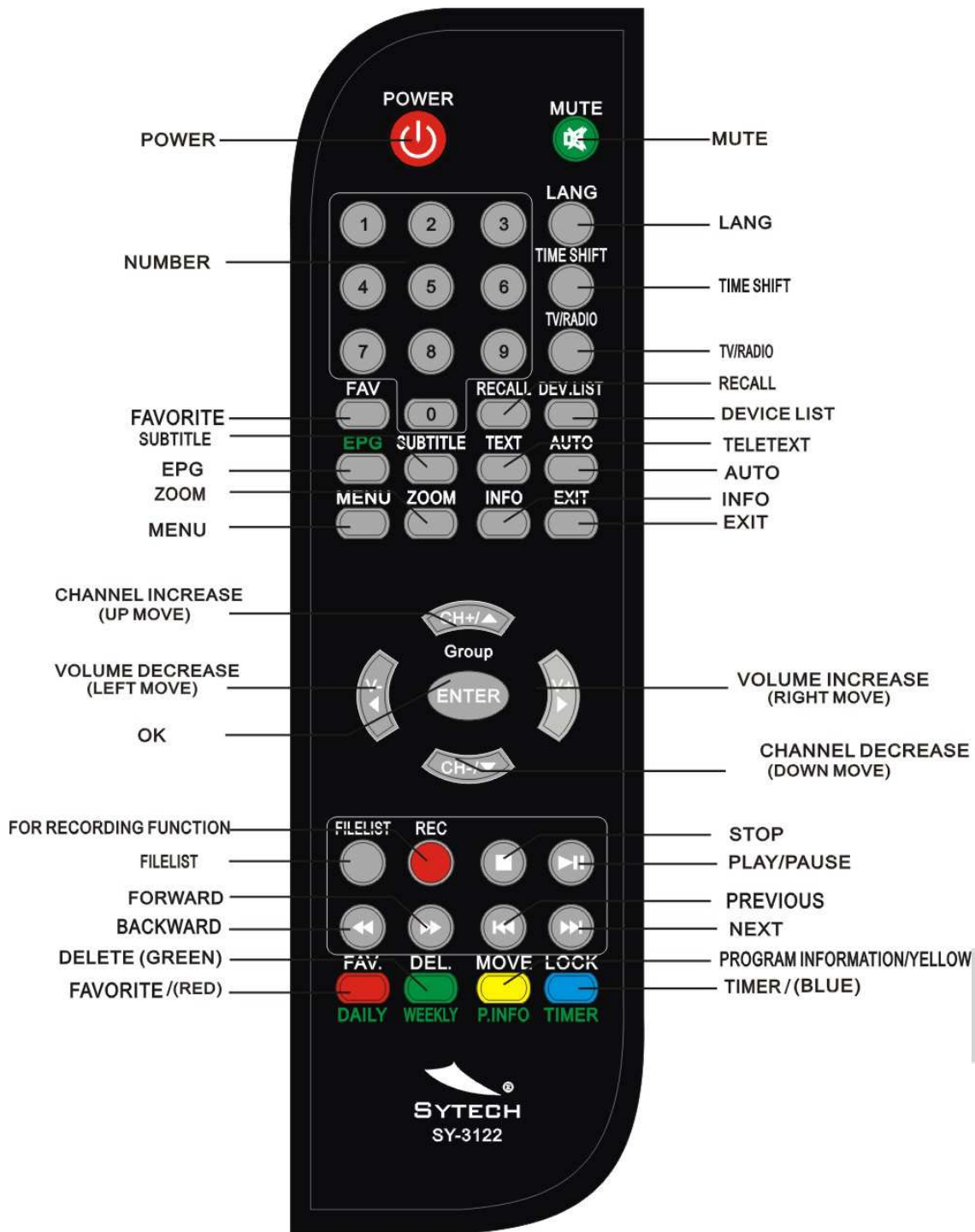Infrared Lead   User Manual   Adaptor

WELCOME!

Thank you for purchasing the SY-3122 digital terrestrial decoder scart with USB recorder. In order to fully benefit from this product, please follow the instructions in this user manual very carefully. Store this user manual in a safe place for future reference.

INTRODUCTION

CONNECT TO THE POWER SUPPLY (Power Supply to 5V DC)

INFRARED LEAD (Infrared lead to IR. Place at front of TV. This needs to be connected so that the remote can work)

DC IN

USB

SYTECH

RF OUT

RF IN

ANTENNA LOOP (ANT OUT to External Device)

ANTENNA IN (Main Aerial to ANT IN)

CONNECT TO TV (Connect the Unit to the Scart

POWER — POWER

MUTE — MUTE

NUMBER — NUMBER

LANG — LANG

TIME SHIFT — TIME SHIFT

TV/RADIO — TV/RADIO

FAVORITE — FAV

SUBTITLE

RECALL — RECALL

DEV.LIST — DEVICE LIST

EPG — EPG

ZOOM

SUBTITLE

TEXT — TELETEXT

AUTO — AUTO

MENU — MENU

ZOOM

INFO — INFO

EXIT — EXIT

CHANNEL INCREASE (UP MOVE) — CH+/▲

Group

VOLUME DECREASE (LEFT MOVE) — V-/◄

ENTER

V+/► — VOLUME INCREASE (RIGHT MOVE)

OK

CH-/▼ — CHANNEL DECREASE (DOWN MOVE)

FOR RECORDING FUNCTION — FILELIST

FILELIST

REC

STOP — STOP

PLAY/PAUSE — PLAY/PAUSE

FORWARD

BACKWARD

PREVIOUS — PREVIOUS

NEXT — NEXT

DELETE (GREEN) — DEL.

FAVORITE /(RED) — FAV.

MOVE

LOCK

PROGRAM INFORMATION/YELLOW

TIMER / (BLUE) — TIMER
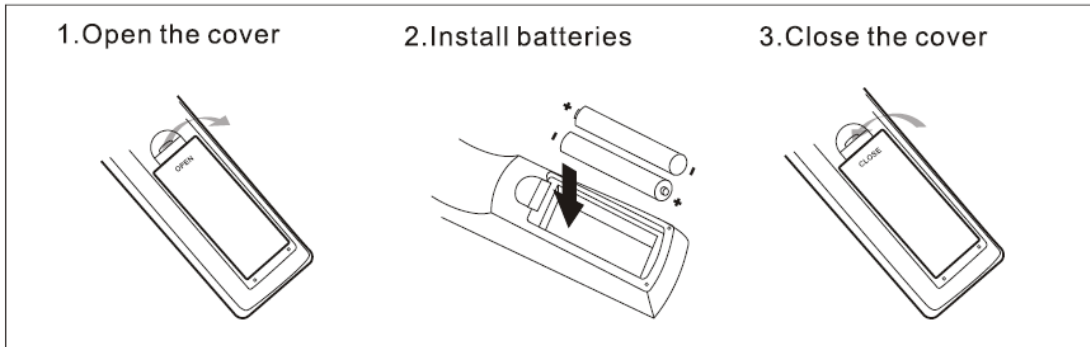
DAILY WEEKLY P.INFO TIMER

SYTECH
SY-3122

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3

Installing the batteries

Remove the battery cover from the read of the Remote Control and place 2xAAA size batteries inside the compartment.
Please make sure the battery polarities match the polarity markings inside the compartment.

1.Open the cover   2.Install batteries   3.Close the cover

Using the Remote Control

To use the Remote Control, point it towards the front of the remote infrared sensor of the DVB-T receiver. The remote control has a range of up to 7 metres from the sensor at an angle of up to 60 degrees.

REMOTE SENSOR

30°   30°

The Remote Control will not operate if its path is blocked.

Sunlight or very bright light will decrease the sensitivity of the Remote Control.

INSTALLATION

Automatic Channel Search

Two options are available:

Option 1
1) Press the AUTO button on the remote control. A confirmation box will pop up. Press YES to continue or press NO to cancel and exit this option. If YES has been selected, the searching process will begin, if NO has been selected the screen will go back to the main menu.
2)

Option 2
1) Press the MENU button on the remote control to enter the main menu.
2) DIGITAL TV will be highlighted. Press ENTER.
3) Select the INSTALLATION option and press ENTER
4) Select AUTO SEARCH and press ENTER.
5) The channel search will now begin.
6) Once it has finished, the screen will exit and go to TV mode.

Manual Channel Search

1) Press the MENU button on the remote control to enter the main menu.
2) DIGITAL TV will be highlighted. Press ENTER
3) Select the INSTALLATION option and press ENTER
4) Select MANUAL SEARCH and press ENTER
5) Using the "▲ ▼" browse through the channels and press ENTER to save a desired TV/Radio Channel.

CHANNEL MANAGER

There are 3 ways to select a TV or Radio channel.

1) One by one
-Press "▲ ▼" keys to skip channels one by one

2) Entering the number
-Enter the program number on the remote control using the numeric keypad

3) Choosing a channel from the list
-Press ENTER to display the list of channels
-Press "▲ ▼" to scroll through the channels. Press ENTER when the desired channel is selected.
-Press EXIT to close the window.

Channel Organizer

- Press the MENU button on the remote control.
- DIGITAL TV will be highlighted. Press ENTER.
- Select the CHANNEL MANAGER option and press ENTER
- Then select the CHANNEL ORGANIZER option and press ENTER.
- Use the YELLOW key to move a channel.
- Select where you want to move the channel to using the "▲ ▼"
- Press ENTER to move the channel in the desired place

(NOTE: LCN function must be switched to OFF in order to move channels)

Channel Sorting

- Press the Menu button on the remote control
- DIGITAL TV will be highlighted. Press ENTER
- Select the CHANNEL MANAGER option and press ENTER
- Then select the CHANNEL SORTING option and press ENTER
- You have three options to sort channels:
  - o First option: According to the Area
  - o Second option: ALL, FTA, Scramble
  - o Third option: in alphabetical order (A-Z) or (Z-A)
- Press "◄ ►" to skip between both windows to make your selection.

Channel Grouping

- Press the Menu button on the remote control
- DIGITAL TV will be highlighted. Press ENTER
- Select the CHANNEL MANAGER option and press ENTER
- Then select the CHANNEL GROUPING option and press ENTER
- You can group your channels according to its content by selecting the channel and pressing a number according to the group desired:
  - o 1 – None
  - o 2 – New
  - o 3 – Science
  - o 4 – Sports
  - o 5 – Movies
  - o 6 – Kids
  - o 7 – Music
  - o 8 – Fashion
- Press EXIT to return to the main menu
- When watching TV, press ENTER to display the channels list.
- Press "◄ ►" to change the content and "▲ ▼" to select the channel.
- Press ENTER to view the channel selected.
- Finally press EXIT to close the window.

Channel Editing

This option allows you to modify the channels broadcasting parameters. Generally, no modification is needed and SYTECH recommends you not to make any modifications unless you are an advanced user. Any incorrect modification may result in a lack of reception.

Channel Deleting
This option allows you to delete all the channels that have previously been saved. Select DELETE ALL and press ENTER to confirm.
(NOTE: All channels will be deleted without the possibility of recovering them. Follow Installation steps for re-tuning).

CONFIGURATION

To access the configuration menu of the SY-3122:-

- Press the MENU button
- DIGITAL TV will be highlighted. Press ENTER
- Select the CONFIGURATION option and press ENTER
- Press the "▲ ▼" to select the desired option and press ENTER to access it.

OSD
Edit settings of the menu windows.

- Enter CONFIGURATION
- Select OSD and press ENTER.
- Press "▲ ▼" to select the parameter and "◄ ►" to select the options under the parameter.
- Press ENTER to confirm.

OSD: Select window colour

Time on OSD: A small digital clock will appear permanently on the top right side of the screen. To deactivate this option, set it to OFF. (NOTE: when subtitles are active, the clock is hidden).

OSD timeout: Set how many seconds you want the windows to be displayed on screen.

OSD trans: Set the level of transparency of the OSD windows.

OSD language: Select your preferred language.

1ˢᵗ audio language: In the case where many soundtrack languages are present, the one set in this option will be selected by default.

2ⁿᵈ audio language: This language will be used when the 1ˢᵗ audio language is unavailable.

SYSTEM SETUP
Edit settings of sound and image

- Enter CONFIGURATION
- Select SYSTEM SETUP and press ENTER
- Press "▲ ▼" to select the parameter and "◄ ►" to select the options under the parameter.
- Press ENTER to confirm.

EQ Setup: Adapt the sound to the broadcasting content
Surround: Activate or deactivate the Surround effect
JPEG effect: Activate or deactivate this Transition effect
LCN: Sort your channels according to the logical channel number
Area: Set the current area

TV
Edit the TV settings

- Enter CONFIGURATION
- Select TV and press ENTER
- Press "▲ ▼" to select the parameter and press "◄ ►" to select the options under the parameter.
- Press ENTER to confirm.

Display Mode: Select the TV system (PAL, NTSC, AUTO)
Aspect Ratio: Select the TV aspect ratio (4:3LB, 4:3PS, 16:9, AUTO)
Video Output: Select the video output (RGB, CVBS)
Brightness: Select the brightness level (0%-100%)
Contrast: Select the contrast level (0%-100%)
Hue: Select the hue level (-6 - +6)
Saturation: Select the saturation level (0-12)

TIME
Edit the time settings

- Enter CONFIGURATION
- Select TIME and press ENTER
- Press "▲ ▼" to select the parameter and press "◄ ►" to select the options under the parameter.
- Press ENTER to confirm.

Timer Mode: Auto
Date: Use "◄ ►" to change date
Time: Use "◄ ►" to change time
GMT offset: Auto, -12 - +12
Summer time: On or Off

WAKE UP TIMER

- Enter CONFIGURATION
- Select WAKE UP TIMER and press ENTER
- Press "▲ ▼" to select the parameter and press "◄ ►" to select the options under the parameter-
- Press ENTER to confirm

Timer Nº: up to 8 program schedules at a time (1-8)
Timer Mode: Frequency of alarm (OFF, Once, Daily, Weekly)
Wake up Mode: Select mode in which to turn on the unit (ON, Recorder, OFF, Message, Channel) According to the selection made, you can choose your message, channel etc…)
Wake up Date: Set a date for the scheduled program/message/reminder.
On time: Set the time at which the unit should go on
Duration: Set the duration of the wake up timer
Default partition: Select the external memory partition.

NOTE: When there are two or more programs scheduled for the same time and date, a warning message will be displayed.
Leaving the unit on standby means that the unit will turn on when the scheduled time arrives and turns off once it has finished.

PARENTAL LOCK
Restrict channels from being viewed

- Enter CONFIGURATION
- Select PARENTAL LOCK and press ENTER
- You will be asked to enter your old password (Default: 0000)
- Type in a new password, and retype it for verification.

To block a channel, go into the channel organizer and use the LOCK key to block the channel. You will be asked to insert your password.

SOFTWARE UPGRADE

- Press MENU on the remote control
- DIGITAL TV will be highlighted. Press ENTER
- Select SOFTWARE UPGRADE and press ENTER
- Select UPDATE FROM USB.
- Select the partition where the new software is stored.
- Select the file and press ENTER.

FACTORY DEFAULT

To reset the SY-3122 to its original settings you must:

- Press MENU on the remote control
- DIGITAL TV will be highlighted. Press ENTER
- Select FACTORY DEFAULT and press ENTER.
- A display asking YES or NO will be shown
- Press YES to proceed, press NO to cancel.

(**NOTE**: the SY-3122 will return to its original settings, this process cannot be reversed)

VERSION

To check the version of the SY-3122 you must:

- Press MENU on the remote control
- DIGITAL TV will be highlighted. Press ENTER
- Select VERSION and press ENTER
- A display will show up indicating all the details of the SY-3122

RECORDER
Prior to recording it is important to set the working partition of the external memory device connected to the SY-3122. To do this you must:
- Press DEV LIST to access the device list.
- Use "▲ ▼" to choose the working partition. Once it has been chosen press ENTER.
- Press YES to confirm the setup, press NO to exit the menu without changes.

(**NOTE**: The device requires a short amount of time to calculate the available space in the external memory device. Once it has been done hide the TV program playing status menu and begin recording.)

Recording

- While the TV is going on, press the REC button to start recording. The top left corner will display REC indicating that the TV channel is currently being recorded.
- During recording, if you want to check the recording information, press the INFO button once to see the recording time elapsed. Press the INFO button another time to see the channel name and number.
- To stop recording, press the REC button again and confirm with either YES or press NO to continue recording.
- If at any moment the signal is interrupted, the top left corner will display RECPAUSE. If the signal recovers, the recording continues and REC will be displayed on the top left corner.

(**NOTE:** Before recording a program, always make sure there is enough space in the external memory device and the TV signal is strong)

Playback Function

- Press FILELIST to access the list of all the recordings.
- Use the "▲ ▼" buttons to select the desired file and press ENTER to play the file.
- When the playback has finished, it will return to the main menu.
- During playback, you can play, pause, rewind, fast forward and stop the program.
- Press the INFO button during playback to view time elapsed, time left, file size, file name etc…

MOVIE

With the SY-3122 you can enjoy watching your videos from your external memory device. To do this you must:

- Press MENU and select the MOVIE option. Press ENTER
- Go to the working partition of the external memory device
- Select the file you want to play and press ENTER
- When watching a video or a movie, press " ◄◄ / ►► " to jump to the next file directly.
- Increase the volume by using the V+/V- buttons

MUSIC

- Press MENU and select the MUSIC option. Press ENTER
- Go to the working partition of the external memory device
- Select the file you want to play and press ENTER
- When listening to music, press "◄◄ / ►►" to jump to the next file directly.
- Increase the volume by using the V+/V- buttons

PHOTOS

- Press MENU and select the PHOTOS option. Press ENTER
- Go to the working partition of the external memory device
- Select the file you want to view and press ENTER
- Press "◄◄ / ►►" to jump to the next file directly.
- Press "◄ ►" to rotate the picture
- Press "▲ ▼" to flip the picture
- Press ENTER to view the pictures as a slideshow

DISK MANAGER

In this section you can control all files on the external memory device. You can:

- Preview the file before playing
  - o Enter the DISK MANAGER option from the MENU. Select the file you want to play and press ENTER. A small window will display the preview of the selected file.
- Delete one file
  - o Select the file you want to delete. Press the GREEN button to select DELETE ONE. Press ENTER and confirm with YES.
- Delete all files
  - o Press the GREEN button to select DELETE ALL. Press ENTER and confirm with YES.
- Rename saved files.
  - o Press the GREEN button to select RENAME. Press ENTER and a keypad display will pop up. Use the alphanumeric keypad on the remote control to rename the file.

TIMESHIFT

This feature allows the user to pause the TV in real time and continue watching it from the paused point. For this to work, an external memory device must be connected and must have sufficient space for it to record.

While watching a TV program, press the TIMESHIFT key to start recording. The top left corner will display REC to indicate that it is recording. Press the PLAY/PAUSE button to playback the recorded part from the paused point.
To stop the TIMESHIFT function, press the EXIT button. A display will pop up indicating if you want to save the file. Select YES and confirm with ENTER.

IMPORTANT!!!
-According to the European "EUP" rules and regulations (Energy Using Product), this product will off itself automatically after 3 hours after having pressed a remote key function.
-When a USB stick or a HDD is connected to the USB port of the unit, you will need to wait about 15 seconds, for the unit to recognize the USB drive. If in the case a button is pressed before this time, a message will appear on your TV displaying "CHECKING PARTITION, WAIT A MOMENT". The time can vary according to the speed of the device, model, capacity and content.

TECHNICAL SPECIFICATIONS

Item	Sub Item	Parameter
Tuner	Input Frequency	177.5-226.5MHz 474-858MHz
	RF Input level	-77~-0dBm
	IF Bandwidth	7MHz and 8MHz
	Modulation	QPSK,16QAM,64QAM
Video	Decoder Format	MPEG2
	Output Format	4:3 and 16:9
	Output Port	SCART CVBS/RGB
Audio	Decoder Format	MPEG-1 (layer1&2), WMA
	Audio output	1×SCART
USB 2.0	Supported Capacity	500GB
	Supported Media	Audio: MP3. WMA. Photo: JPG. BMP. Video: MPEG1.2.4. AVI, MPG, VOB,MP3,WMA.
Power	Supply Voltage	90-240V~ 50/60Hz
	Power Input	DC5V=2000mA
	Standby Power Consumption	< 1W
Weight	0.38kgs	
Size	133X70X20MM	

ENVIRONMENTAL DISPOSAL

You can help protect the environment!
Please remember to respect the local regulations: hand-in the non-working   electrical equipments to an appropriate waste disposal centre

If you want to dispose of this equipment, please do not use the ordinary dust bin!

- The presence of dangerous substances in the electrical and electronic equipments can have potential consequences on the environment and human health in the cycle of reprocessing this product.
- Therefore, at the end of its lifetime, this product shall not be disposed with other non-recycled waste. 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.
- Local authorities and resellers have set special procedures for the purpose of collecting and recycling this product (please contact your local authority for further details). You have the obligation to use the selective waste collection systems put in place by your local authority.
- 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.

This unit complies with European Council Directive 2006 / 95 CE (Electromagnetic Compatibility & Low Voltage Directives)

Declaration of Conformity:

Manufacture Name: Satyatrade S.L
Address: Pol. Ind. La Raya. C/ Guadalquivir, 2.
Camarma de Esteruelas, 28816 Madrid
Tel: 902 430 967
Fax: 91 8864285
NIF: B83254763
Manufacturing country: China
Description: DVB-T
Sytech® SY-3122

The following product complies with all the below standards:

CE Standards: 2004/108/EC

LVD Standards: 2006/95/EC

ERP Standards: (EC) No 125/2009.

ROHS estándar: 2011/65/EU

Signed: Ajeet Nebhwani Utamchandani
Sole administrator