ENERGY SISTEM

User manual

1. INTRODUCTION

Thank you for purchasing this Portable Multimedia Energy ™ LED TV3010. First of all, welcome to the Energy portable multimedia TVs world. The following sections provide an overview of your new device and its basics features. Please read everything carefully before start using the product.

2. IMPORTANT SAFETY INSTRUCTIONS

To ensure your safety and the safety of others, please ensure that you read all the safety information before operating this product.

Keep this information in a safe place for future reference.

This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts.

WARNING: To reduce the risk of fire or electric shock, do not expose your TV3010 to rain or moisture.

Safety Considerations

▸ Do not use the device in humid or damp conditions.
▸ Do not allow the device to get wet.
▸ Do not expose the device to dripping or splashing.
▸ Do not place water filled objects on top of the device.
▸ Do not place naked flame sources, such as candles, on the top of the device.

Ventilation

The slots and openings on the device are for ventilation. Do not cover or block them as it may cause overheating.
NEVER let children push anything into the holes or slots on the case.

Battery Disposal

Please ensure batteries are disposed of safely.
Never dispose of batteries in a fire or with other household waste.
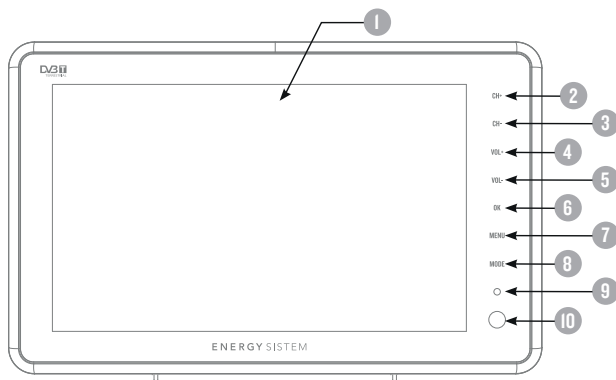Check with your local authority for disposal regulations.

Cleaning

ALWAYS unplug the product before you clean it.
Do not use liquid or aerosol cleaners.
Clean the device with a soft, damp (not wet) cloth.

3. CONTROLS AND CONNECTIONS

3.1. Front view

1. **10"LED Screen.**
2. **CH+:** Move up in the menus and change to the next channel in viewing mode.
3. **CH-:** Move down in the menus and change to the previous channel in viewing mode.
4. **VOL+**: Move right/change settings in menus. Increase the volume level in viewing mode.
5. **VOL-:** Move left/change settings in menus. Decrease the volume level in viewing mode.
6. **OK:** To confirm a selection.
7. **MENU:** Press to open the menus /exit to go back to the topper menus.
8. **Mode:** Press this button to switch display mode:4:3LB, 4:3PS, 16:9.
9. **LED indicator** (*).
10. **IR receiver.**

(*) The LED states are shown as:
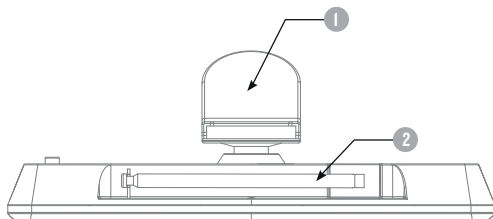
Blue – The battery has finished charging and is full.

Red – Device on and battery charging / Device off and battery charging

Null – Device on / Device off

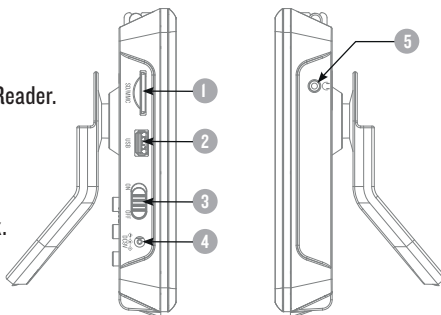Flashing -The device is in STANDBY mode.
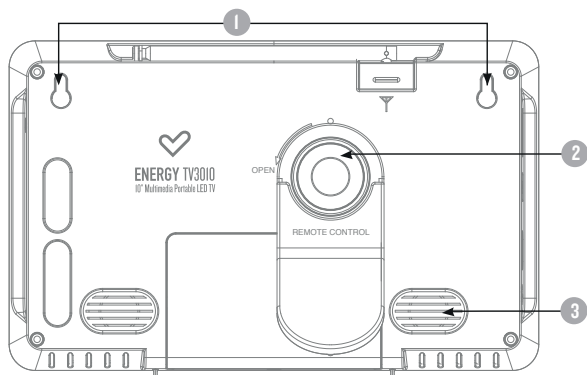
3.2. Top view

1. Stand.
2. Antenna.

3.3. Side view

1. SD/SDHC/MMC Card Reader.
2. USB jack.
3. ON/OFF.
4. DC 9V Jack.
5. 3.5 mm Earphone Jack.

3.4. Rear view

1. Hanging bracket to the wall.
2. Remote control jack.
3. Speakers

ENERGY TV3010
10" Multimedia Portable LED TV

OPEN

REMOTE CONTROL

4. REMOTE CONTROL

4.I. Button Description

1. **0-9:** To change the channel and to select individual menu options.
2. **ON/STANDBY:** Press to turn on the device or to change to Standby mode.
3. **MODE:** Press this button to switch display mode: 4:3LB, 4:3PS,I6:9.
4. **PVR:** Record programs of TV or Radio.
5. **MUTE:** Press once to turn the sound off/on (mute control).
6. **FAV:** To operate the favourite channels.
7. **EPG:** Press this button to display Electronic Program Guide.
8. **SUB:** Subtitle.
9. **INFO/GOTO:** Press to display the information of the current programs, or to go to a specific instant of the video playback.
I0. **TTX:** Press to enter Teletext (if available).
II. **L/R:** Press to change the sound of channel.
I2. **TV/Radio:** TV/Radio switch.
I3. **Menu/Exit:** Press to open the menus and press again to exit.
I4. **►►|:** Play next file/chapter.
I5. **|◄◄:** Play previous file/chapter.
I6. **►►:** Fast forward the video playing.
I7. **◄◄:** Fast rewind the video playing.
I8. PLAY/PAUSE: Starts or pauses the current playback.
I9. **▲:** Move up in the menus and change to the next channel in viewing mode.

ENGLISH

   ▼: Move down in the menus and change to the previous channel in viewing mode.

   ►: Move right/change settings in menus. Increase the volume level in viewing mode.

   ◄: Move left/change settings in menus. Decrease the volume level in viewing mode.
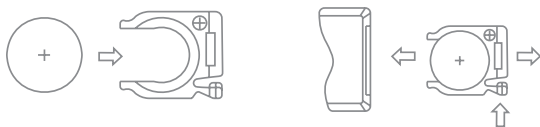20. **ENTER:** To confirm a selection. Or to open the channel list Menu.

   Note: SUB/TTX/EPG may not be available for all channels.

   ◄◄/►►/|◄◄/►►| will act as RED/GREEN/YELLOW/BLUE key depending on context.
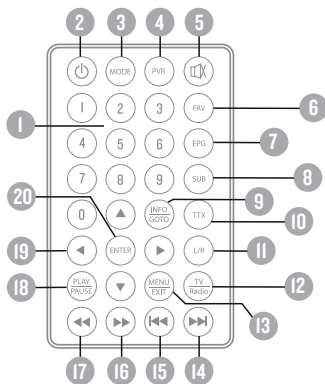
4.2. Installig the batteries

Pull the battery loader out and insert a CR2025 battery.

- ▸ Make sure to place the battery in the correct direction.
- ▸ When not using the remote control for a long period of time remove the battery.
- ▸ When operating range reduces replace the battery.
- ▸ Do not recharge, disassemble, or heat the battery. Misuse of the battery may result in leakage that will damage the remote control.

4.3. Using the remote control

To use the remote control, point it towards to the IR receiver.
The remote control range is 4 metres or less within a ±30° angle from the remote sensor. If the remote's battery is low, the remote may not function properly, so replacing the battery immediately is recommended.

The remote control will not work if the way to the receiver is blocked.
Sunlight or other very strong light will decrease the sensitivity of the remote control.

5. BUILT-IN RECHARGEABLE BATTERY

This portable TV comes with a built-in rechargeable Lithium-Ion battery.

- ▸ Charge the battery fully before initial use for at least 8 hours. Charging time is normally about 4hours. A fully charged battery delivers about 2.5 hours of use.
- ▸ When the battery is weak, an indication symbol will appear on the screen and the unit will power off automatically after a few minutes.

6. INSTALLATION AND CONNECTIONS

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 TV.

6.1. Antenna

The TV unit is supplied with a telescoping antenna that will provide good reception in most situations. Be sure to keep the TV stationary when trying to receive a signal. Any movement of the TV can result in loss of the digital signal.
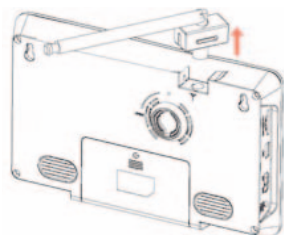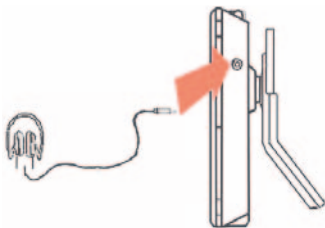

Please pull the Antenna just like the figure shows.
We recommend to use an external antenna instead of the portable antenna included when the signal isn't good enough.

6.2. Connecting the earphones

You can connect stereo earphones to the headphone jack for private listening.

When earphones are connected, the speakers will automatically turn off.
Caution: Loud volume can damage your hearing.
Decrease the volume before connecting earphones, and then raise the volume back to a comfortable level.
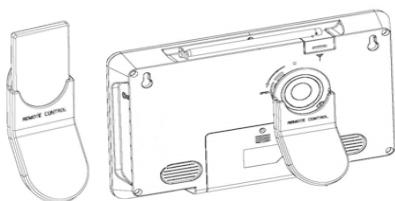
6.3. Installing stand

Insert the front end of the support to the slot on the back cover, and then rotate the base as illustrated in bottom, until the support is locked properly.
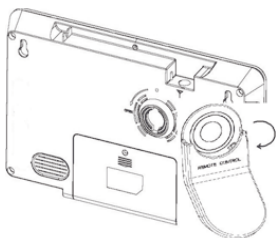
In order to store the remote control, insert it to the slot on the back stand.
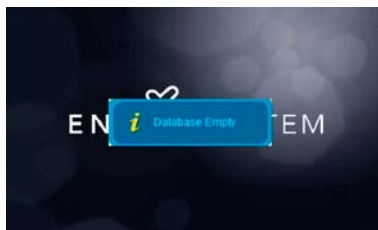
7. USER INTEFACE

7.1. Powering ON the system

I. **Power On:** Switch ON/OFF button from OFF to ON.

The system will enter DVB mode as soon as the system is powered on.

System interface when there are no TV/RADIO programs in the database.

If the database has already got TV or RADIO programs saved, the system will continue with the program it was playing before it was powered off.

2. Press ▲▼ to switch to the previous or next program. And press ◀ ▶ to adjust the sound volume.

7.2. Main Menu
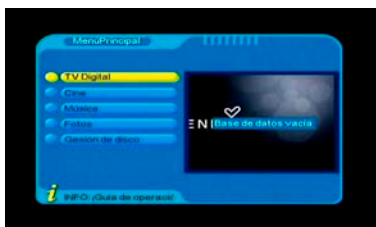
You can open the main menu by pressing Menu/Exit. You can press ▲▼ to select mode which you want to enter.

7.2.1 Digital TV

In Main Menu, press ▲▼ to choose Digital TV option and then Press ENTER once to enter Digital TV menu as shown in. Under the Digital TV menu, there are six different options.

7.2.1.1 Channel Manager

System offers an efficient function of channel management.
There are two independent pages for channel management, TV and RADIO.

Channel Organizer

Under the channel manager menu, press ENTER to enter channel organizer menu. Channel organizer page includes favourite channels, moving and channel deleting.

Note: It will pop up and dialogue box prompting that "Channel not available" when there are no channels in database, and it will not enter into channel organizer page.

Press ▲▼ to select channel. Press ◄► to choose the line where Favourite Channel, move and delete, and press ENTER to set and cancel Favourite Channel, move or delete. After setting, corresponding figure will appear.
Note: After moving a channel, press yellow button to free the selection.
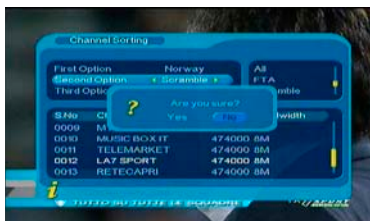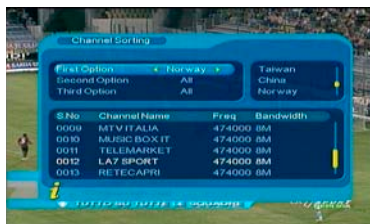
Channel sorting

Under the channel sorting, the channels shall be listed according to certain sequence so that the user can easily find them.

Note: It will pop up and dialogue box prompting that "Channel not available" when there are no programs in database, and it will not enter into channel sorting page.

Press ▲▼ to choose Type. Press ◄► to set Sorting Parameters.

Before sorting, the type of sorting shall be set, including the following items:

1. First Option: Choose the programs to be sorted via the selection area, such as: England, Italy, France, etc;
2. Second Option: Press FTA (free of charge), Scramble (encrypted), ALL (Free and Encrypted Channels);
3. Third Option: According to alphabetic order: All, A-Z, Z-A, LCN+, LCN-.

After sorting is set, to realize channel sorting, press ENTER. Then the system will ask you if you really want to save the channel sorting
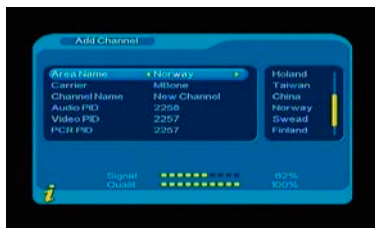
Edit Channels

Has different operations such as Add and Rename channels.

Note: It will pop up a dialogue box prompting "No Carriers" when there are no programs in database, and it will not enter into ADD-Edit Channel page.

Add Channel menu

Under Add Channel menu, there are 6 parameters for adding a channel as follows:

1. Area Name: For Area Name, press ▶ in the remote controller to enter the Area Name list on the right, then press ▲▼ to choose area name, press ENTER to confirm;

2. Carrier: Press ◀▶ to choose;

3. Channel Name: Press ◀▶ to enter Rename Channel page;

4. Audio PID, Video PID, PCR PID, Press 0-9 number key to revise values;

5. Press ENTER to confirm the adding, the system will hint with "Update succeeds" and return to Edit Channel menu;

Delete all

If you do not like one or some channels, you can delete it/them in Channel Organizer menu. But if you do not like all TV or Radio, you can enter "Delete All" menu to delete all TV and Radio channels.
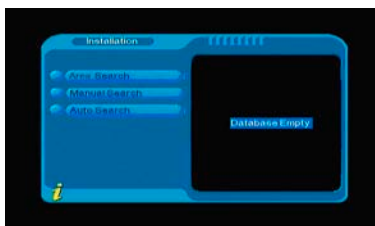

Under Channel Manager menu, press▲▼ to choose "Delete All" option and then press ENTER.
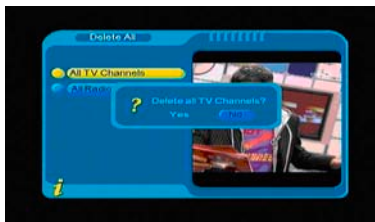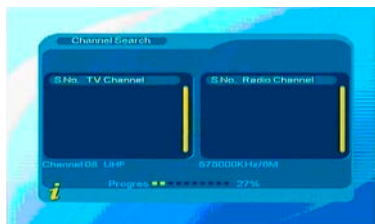
To delete all TV channels or all radio channels, press ▲▼ to move the cursor to All TV Channels option or All Radio channels option, press ENTER. Then the system will ask you if you really want to delete all channels.

7.2.I.2 Installation

Under the installation menu, there are two kinds of Installation modes: Auto Search and Manual Search.

Auto search

To enter into auto searching menu, move the cursor to "Auto Search" by using "▲▼", and then press "ENTER".

After entering into auto search page, system will scan all programs one by one, under frequency points of current countries or regions selected automatically. During scanning process, press Menu/Exit to stop and exit scanning. If any program is detected and the scanning process is finished, system will exit the scanning page and save the program. Then it will return to the installation menu and play it in a small window.

Manual search

If you know the frequency of the program or if you want to scan the program at any frequency required, you can select manual scanning. To enter into manual searching menu, move the cursor to "Manual Search" by using "▲▼", and then press "ENTER".

It will display the relevant parameters Freq (KHz) and Band Width.

Then press ENTER to start searching.

If any program is detected and the scanning process is finished, system will exit the scanning page and save the program. Then it will return to the installation menu and play it in a small window.

Area Search

Area search is a kind of intelligent and convenient mode of programs searching, which covers programs of all frequency points of target countries or regions. At present, this system covers many targets countries and regions including:
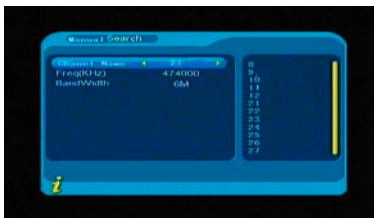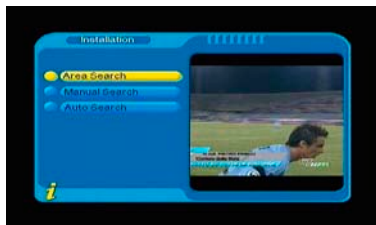

Germany/ England/ Italy/ France/ Spain, etc.

To enter into Area Search menu, move the cursor to "Area Search" by using "▲▼", and then press "ENTER".

After entering into area search page, system will scan all programs one by one under frequency points of current countries or regions selected automatically. During scanning, press Menu/Exit to

stop and exit scanning. If any program is detected and the scanning process is finished, system will exit the scanning page and save the program. Then it will return to the installation menu and play it in a small window.

7.2.I.3 Configuration

Configuration provides individualized system setup function; you can configure the system according to your own hobby and demand.
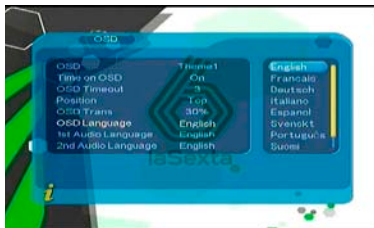
OSD
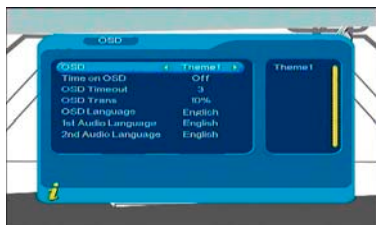
You can set the user interface display mode according to your own demand.

When the cursor moves on the option in OSD menu, the values corresponding to this option appear on the right of the menu. Press

"▲▼" to move upward and downward to choose the options in OSD menu.

The different options in OSD menu are:

1. **OSD:** sets system menu theme; five different themes are available.

2. **Time on OSD:** sets whether to display system time in full-screen play channel or not. Press ◄► to choose between ON and OFF.

3. **OSD Timeout:** sets some information hint dialogue box and displays time length. Press ◄► to choose among 1-6 seconds.

4. **OSD Trans:** sets menu transparency. Press ◄► to adjust value between %0-%60.

5. **OSD Language:** The system has the user interface supporting a couple of languages; you can set language via OSD Language option. Press ◄► to enter OSD Language List.

6. **1st audio and 2nd audio Language option:** Press ◄► to enter the currently supported Audio Language list; then press ▲▼ to choose language, and finally press ENTER to confirm.

TV

Through TV setup you can adjust image configuratuon.

All TV setup options are listed on the left of the menu. The values corresponding to this option can be displayed on the right of the menu. Move the cursor to the desired TV option, and press ◄► to choose among available options; the set takes effect immediately.

The different options in TV menu are:

1. Aspect Ratio: 4:3PS/4:3LB/16:9.
2. Brightness: 0%~100%.
3. Contrast: 0%~100%.
4. HUE: -6,-5,-4,-3,-2,-1, 0, 1, 2, 3, 4, 5, 6.
5. Saturation; 0~12.

System setup

Press ▲▼to select the System Setup option you want to change. Press ◄► to enter into the list on the right, and then use again ▲▼ to select the desired value. Finally press ENTER to confirm the selection.

The different options in System Setup menu are:

1. **Surround:** To set stage effect (OFF, Concert, Church, Passive, Live).
2. **LCN:** To set the LCN on or off. When you choose LCN ON, the front of the programs will display the LCN number.
3. **Area:** To set scanning area. Choose an area to download preset channel settings.

Time
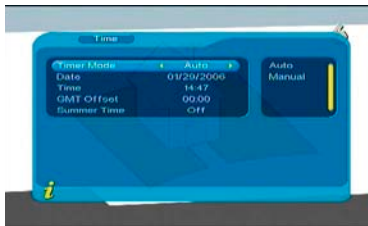
Use it to enter time set.
In Time menu, there are two time modes (auto and manual). When the cursor moves onto Timer Mode option, press ◄► to choose time mode.

a) Auto setting: revise via setting

GMT Offset, Summer Time options.

The system settings are Auto as deffault.

1. **GMT Offset:** press ► to move the cursor into the Properties list on the right. Press ▲▼ to move upward and downward the cursor and choose the relevant GMT Offset. Finally press ENTER to confirm the choice.

2. **Summer Time:** move the cursor to Summer Time option, and use ◄ ► to set Summer Time.

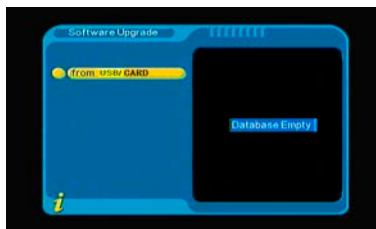**b) Manual setting:** revise via setting Date, Time options.

1. **Date:** press ◄ ► to enter date setting menu. Use ◄►to switch days, use▲▼ to switch weeks, use ◄◄ / |◄ ◄to switch months and use ►► / ►►| to switch years.

2. **Time:** Press 0-9 number key to revise values.
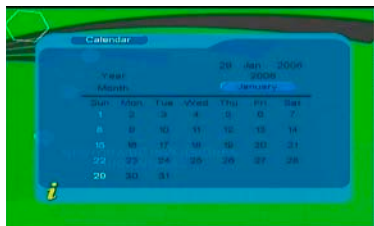
After time is set, Press ENTER to save the setting, the system will hint with" Update succeeds".

7.2.1.4 Software Upgrade:

If there is a software upgrade available, you can automatically update the software of the device.

7.2.1.5 Factory default

Use ◄► to select "YES" or "NO". Select "YES" to come back to the factory default settings.

7.2.1.6 Version

Here you can find system software information, including H/W Version, S/W Version, F/W version, Checksum, Build Date and Build Time.
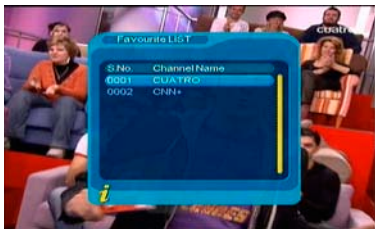
Press Menu/Exit to return to previous menu.

7.2.1.7 Digital TV basic function menu

When playing a Digital TV channel, you press OK from the front panel to open the Digital TV basic function menu.

FAV Program

If there are some favourite programs that have been set up, press ▲▼ to enter into the favourite program list.

Press ▲▼ to select the favourite program, and use ENTER to confirm the choice, or else press Menu/Exit to exit.

TV/Radio

Press TV/RADIO to switch between TV player and RADIO player, when the program is in full screen.

EPG (Electronic programs guide)

Note: The program signal must contain EPG date. In other case, it may be not available.

Enter into the EPG page to know more about the programs to be played.

Subtitle

Note: The program signal must contain Subtitle date. In other case, it may be not available.

Subtitle is defaulted to be off. To see the subtitle information, enter the Subtitle menu of the current programs.

Use ◄► to choose whether to open subtitle or not, and press ▲▼ to move upward and downward to choose language.

TTX (Teletext)

Note: The program signal must contain TTX date. In other case, it may be not available.

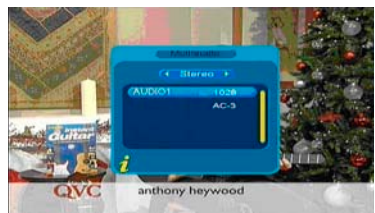If you want to watch teletext, please select "TTX" to enter into TTX page.

Use the following keys:

▲: go to the previous page
▼: go to the next page
◄: go back 100 pages,
►: advance 100 pages
TTX or Menu/Exit: exit.

Multiaudio

Audio language switch and L/R channel switch.

Press ◄►to switch between "Stereo" → "Left" (left channel) → "Right" (right channel). Then use ▲ ▼ to switch the language of sound.

Program info

Show the information of current program when it is in normal playing state.

You can also press INFO to access to Program info.

7.2.2 Movie
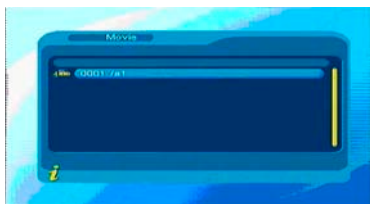
Press ENTER key to enter to next directory. Press Menu/Exit to return to previous directory.

It displays only video files and folders.

Use ▲▼ to choose the video file, and press ENTER to play selected file.

While playing a video, press ENTER to pause or play.

Press |◄◄ to play previous video, press ►►| to play next video.

Press ►► or ◄◄ to modify the playback speed.

Press Menu/Exit to exit play mode and return to file directory.
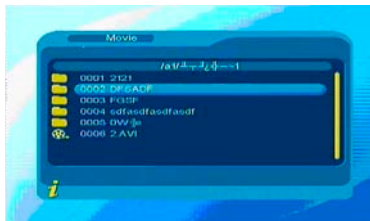
7.2.3 Music

Press ▲▼ to choose Music option. Press ENTER to confirm and enter into the main directory.

Press ENTER key to enter to next directory. Press Menu/Exit to return to previous directory

It displays only audio files and folders.
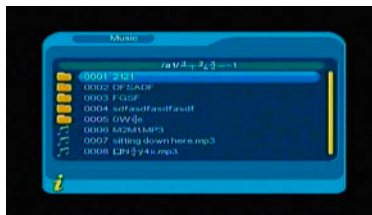
Use ▲ ▼ to choose audio files, and press ENTER to play selected music file.

Press |◄◄ to play previous audio file, press ►►| to play next audio file.

While playing music, press ENTER to pause or play.

Press ►► or ◄◄ to modify the playback speed.

Press Menu/Exit to exit music play mode and return to file directory.

7.2.4 Photo

Press ▲ ▼ to choose Photo option. Press ENTER to confirm and enter into the main directory.

Press ENTER key to enter to next directory. Press Menu/Exit to return to previous directory

It displays only photo files and folders.
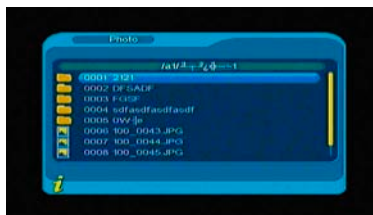
Use ▲▼ to choose photo files, and press ENTER to open selected photo file.

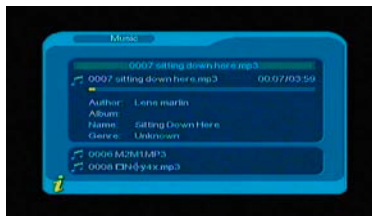Press |◄◄ to play previous photo, press ►►| to play next photo.

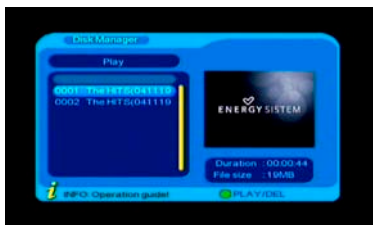Press Menu/Exit to exit play mode and return to file directory.

7.2.5 Disk Manager

Press ▲▼ to choose Disk Manager option. Press ENTER to confirm. Press Menu/Exit to exit from Disk Manager.

8. PVR FUNCTION

1. In TV or Radio playing mode, press PVR to open REC selection window, and select "YES" to begin recording.
   While recording, press PVR to open REC selection window again, and select "YES" to exit.
   Note: REC files can only be saved in the memory of an external USB device
2. In desktop of Disk Manager, press ▲▼ to select a file in the list of files. Press ENTER to play the selected file.
3. In desktop of Disk Manager, press the green button of the remote control to switch between operations of PLAY/Delete One/Delete all. After pressing ENTER to select one operation, a new dialog box appears. Select "YES" to confirm or "NO" to cancel.
   The programs recorded from TV can be played in Movie function. You will find the file in PVR folder, which contains all the recordings done. The programs recorded from Radio can be played in Music function.

9. 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	Solution
The LED does not light up / not lit when the device is connected to the mains.	Mains cable is not connected	Check that the mains cable is plugged into the power socket
	The battery isn't installed or needs to be recharged	Make sure the battery is installed properly and charged
The remote control is not working	Battery exhausted	Charge battery
	Remote control is incorrectly aimed	Aim the remote control to the TV. Check that nothing blocks the front panel
Doesn't display the subtitle	The program signals no subtitle date	Try pressing the SUB button to open the subtitle
	The subtitle doesn't open or signal is too weak	Make sure the signal is good

When the device tries to find and store channels you get the message "No signal" OR When only very few of the expected number of channels are found	The aerial is not properly connected to the machine	Check the aerial installation, including its connections
	The aerial is not correctly directed towards the transmitter	Check that the aerial is directed towards the transmitter
	The aerial is not suitable for digital channels	Check that digital transmissions are available in your area
	There are no terrestrial digital transmissions in your area	
Can't play the music file correctly OR Can't play the video	The file is damaged or the code is wrong	Change the file
	The format of the video is not compatible, or file is damaged	
Picture or video can not be seen in full screen	The resolution of the files not suitable	Change the file

10. SPECIFICATIONS

Ítem	Specificactions	
Tuner	Input Frequency	VHF: 177.5 - 226.5 MHz UHF: 474 – 858 MHz
	RF Input Level	-20 ~ -78 dBm
	IF Bandwidth	7 MHz & 8 MHz
	Modulation	QPSK, 16QAM, 64QAM
Video	Decoder Format	MPEG2
	Output Format	4:3 & 16:9
Audio	Decoder Format	MPEG-1 (layer 1 & 2) WMA
USB 2.0 connector	Plays video (DivX, Xvid, AVI, MPG,) audio (MP3, WMA) and photos (JPEG).	
Conectors	RF in	IEC 169-2 female connector
	Stereo headphones	3,5mm jack
	USB	2.0 (sólo Host) max. USB capacity 16 GB
	Card Reader	MMC/SD/SDHC max. card capacity 16 GB
Power	Input	AC 100-240V 50/60 Hz, max.0.5A
		DC 9V, 2A
	Consumption	18 W max
Screen	Type	Digital LCD with LED backlight
	Size	10"
	Resolution	1024 x 576
Dimensions (wxdxt)	286mm x 178mm x 39,5mm	

Specifications are subject to change without further notice.

11. WARRANTY

Energy Sistem Soyntec S.A. warrants its products to be free from defects in materials and workmanship at the time of purchase.

The warranty period is 36 months from the date of purchase for your portable multimedia TV.

12. WARRANTY PROCEDURE

1. Visit the Support section at http://support.energysistem.com and select your product to view the FAQ (Frequently Asked Questions). The solution to your problem is very likely to have been already published there. You will also be able to download user manuals, user guides, drivers and updates.

2. If you cannot find an appropriate solution in the Support section, you may send us your enquiry or warranty service request by email: support@energysistem.co.uk

3. Alternatively, you may prefer to contact the distributor from which you purchased the product, presenting the purchase receipt or invoice.

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Manufacturer Name: Energy Sistem Soyntec S. A.

Address: Pol. Ind. Finestrat. C/ Calpe, no. 1, 03509 Finestrat, Alicante

Tel: 902 388 388

Fax: 902 119 034

NIF: A53107488

We declare under our own exclusive responsibility that the product:

Energy Sistem® Portable Multimedia TV Energy™ LED TV3010 White

Is in compliance with the essential directives, norms and standards of the European Union 89/336/EEC (EMC Directive).

Manufacturing country: China

ENGLISH

This symbol on the product or the instructions means that your electrical and electronic equipment should be disposed at the end of life separately from your household waste. For more information, please contact the local authority or dealer where you purchased the product.