DVB-T2

High Definition Digital Receiver

JN-DVB-T2
USER MANUAL

Catalog

【POWER】	Turning the STB on or switching to standby
【TV/R】	Switch between TV and Radio modes
【MUTE】	Mute or Unmute the sound
【0~9】	Numeric Keys
【FAV】	Open the list of Favourites,if no program will enter the program list
【ZOOM】	No specific function
【EPG】	Opening the electronics programming guide menu
【INFO】	Display information about the current channel
【MENU】	Display main menu on TV screen, and press again to disappear menu
【EXIT】	Exit the current menu
【CH+/CH-】	Move up and down to switch channels or menu operations
【VOL+/VOL-】	Increase or decrease the volume or menu operation
【OK】	Display the program list or confirm the current setting
【P/N】	Multi-channel video
【R/L】	The satellite list
【P+/P-】	Turn the page up or down
【RED KEY】	Adjust audio mode under full screen; the specific function will be responded according to the menu promps under specific menu
【GREEN KEY】	No specified function under full screen mode, the specific function will be responded according to the menu promps under specific menu
【YELLOW KEY】	No specified function under full screen mode, the specific function will be responded according to the menu promps under specific menu
【BLUE KEY】	Turn on teletext function under full screen mode, it is a function for adjusting the video size mode under the multimedia video file playback menu. The specific function will be responded according to the menu promps under specific menu
【EDIT】	The shortcut key to find program functions according to program names.(Same as the Find function corresponding to the green key under channel list menu)
【PAUSE】	When normal playing the programs under full screen. It will be timeshift function if timeshift is turned on, it will be normal video pause function if timeshift is turned off
【SLEEP】	Turn on the subtitle setting function under full screen mode
【RECALL】	Back to the last program
【 ❚❚ 】	Same as PAUSE key function under full screen mode,pause function under multimedia mode
【 ◀◀ 】	Retreat quickly
【 ▶▶ 】	Fast forward

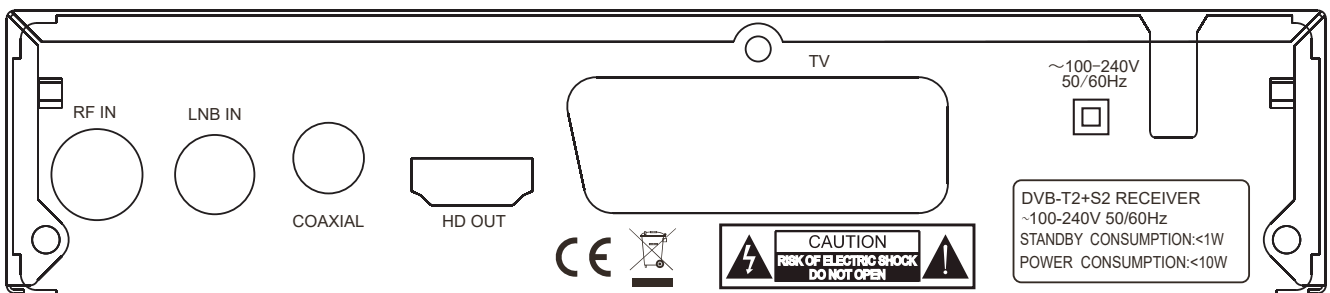|	
【 ▶ 】	Play
【 ● 】	Recording a TV Program
【 ■ 】	Stop
【 ⇥ 】	The next file
【 ⇤ 】	The last file

· Hardware Interface

- · **RF IN port :** It's to connect DVB - C or DVB - T2 signal input cable;
- · **RF Loop out port :** It's to connect DVB - C or DVB - T2 signal output cable;
- · **USB port :** It's to insert U disk, hard disk, USB WIFI module;
- · **HDMI port :** It's to connect the HDMI port of TV via HDMI cable;
- · **SCART port :** It's to connect the TV which support SCART via SCART cable;
- · **Coaxial port :** It's to connect the audio equipment with coaxial audio cable;
- · **DC 12V port :** The external 12V DC power provide the power for STB via DC 12V port.

TV

~100~240V
50/60Hz

RF IN   LNB IN

COAXIAL   HD OUT

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

DVB-T2+S2 RECEIVER
~100-240V 50/60Hz
STANDBY CONSUMPTION:<1W
POWER CONSUMPTION:<10W

· Installation Guide

When there is no TV or radio program, you will go to the install boot screen. Push the remote contro[▲/▼] KEY to turn off cursor movement,press [OK] or [◀/▶] KEY to select or switch Settings, and press [MENU] or [EXIT] to enter the MENU menu. Move the cursor to channel search and press [OK] to enter the automatic search menu. In dvb-c mode, if there is no signal cable inserted or the signal cable is loose, a small window of "Lock Failed" will pop up,if the program is successfully found, exit the installation screen and enter the big screen to play the program.

Installation Guide

OSD Language	< English >
Country	England
FTA Only	FTA
Search Mode	DVB-T2
Antenna Power	Off
Channel Search	

EXIT Exit   ✛ Move
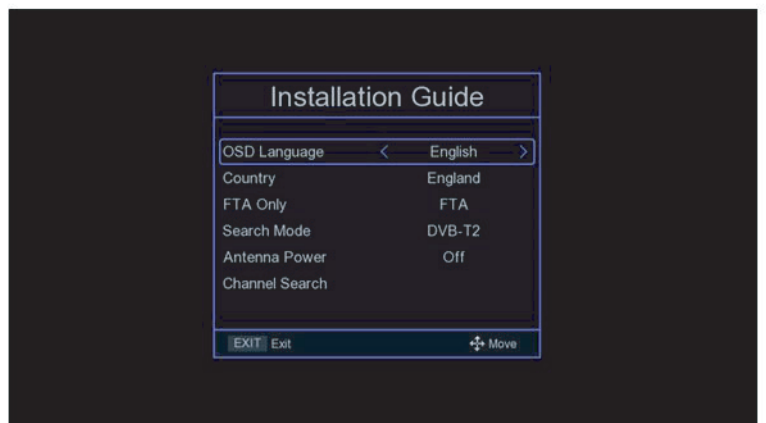
· Main Menu

Press the [MENU] KEY under the big screen to enter the main MENU, which has seven Settings,press [◄/►] KEY to switch Settings, and press [OK] or [▲/▼] KEY to move the cursor to the selected Settings screen.

Main Menu

Program	Picture	Search	Time	Option	System	USB
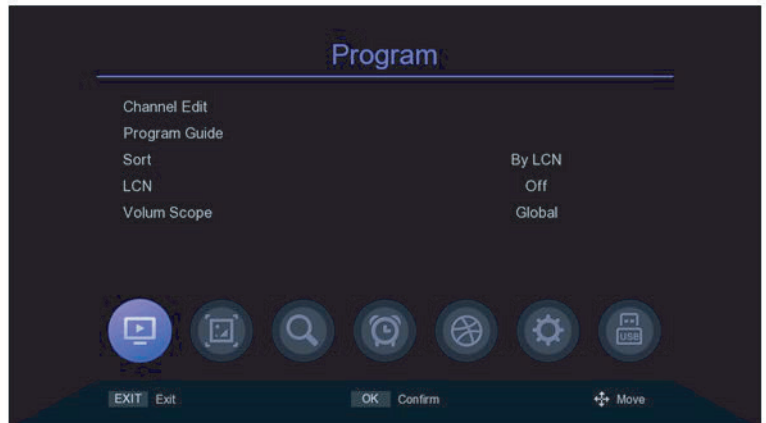
· Channel Setting

1. Channel Edit

There are two ways to enter into this menu:

1. Press [OK] on the big screen to display the list of channels, and then press [YELLOW KEY] to enter into this menu.

2. In the main menu, move the cursor to the program editing bar and press [OK] to enter the program editing menu.
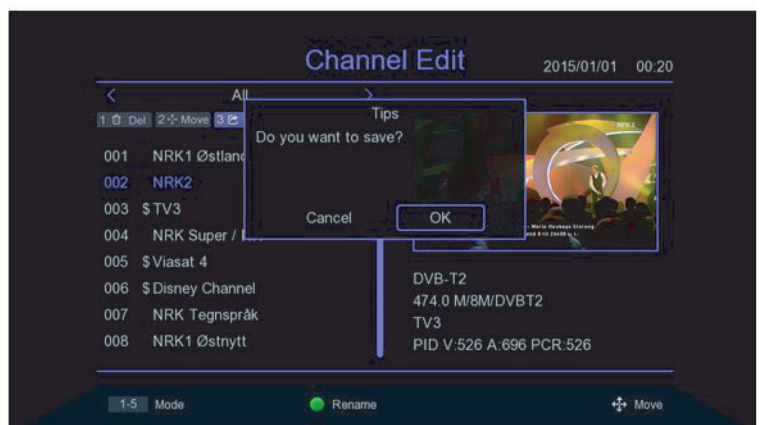
When there is No TV program or radio program,it shows "No TV Channel!".Program editing menu press [▲/▼] KEY to move the cursor, [◄/►] KEY to switch program group, [OK] KEY to select the program, press [GREEN KEY] to rename the program, press the number KEY [1-5] to enter the delete, move, skip the program, program lock, add favorite program function, again press the number KEY [1-5] to cancel. When the program editor is modified, press [EXIT/MENU] to pop up the prompt box "Do you want to save?" , press the [OK] KEY after selecting the ok option to save the Settings and exit the current menu. If Cancel is selected, the edited content will not be saved and will exit the current menu.

1.1 Channel Delete

Press [1] KEY to enter into delete mode, press [▲/▼] KEY to move the cursor, select the program to be deleted, press [OK] KEY to select,multiple programs can be selected, the selected programs will show delete mark, press [RED KEY] to select all programs.

1.2 Move the programs

Press [2] KEY to enter move mode, press [▲/▼] KEY to move the cursor, select the program to move, the selected program will show the move mark, press [GREEN KEY] to mark multiple programs, now move the programs to the location you want then press [OK].

1.3 Programs skip

Press [3] KEY to enter the program skip setting mode, press [▲/▼] KEY to move the cursor, select the programs to skip,press [OK] KEY to confirm, press [RED KEY] to select all programs, the program to be confirmed to skip will show the program skip mark, programs set to be skipped will not appear in the saved playlist.
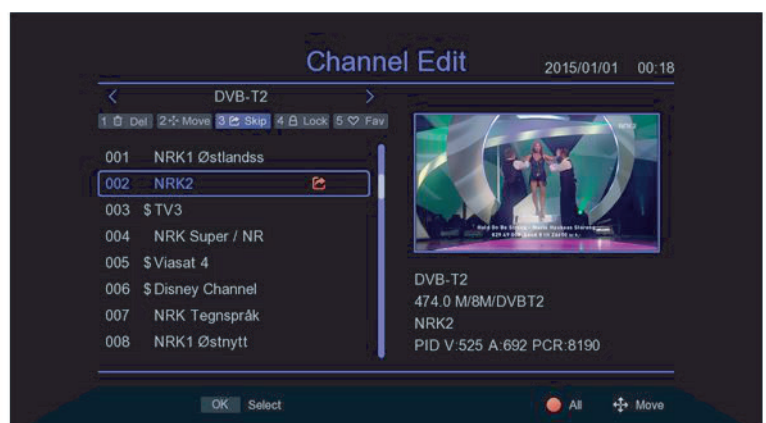
1.4 Programs lock

Press [4] KEY will pop up the password input box, enter the default password "000000" into the program lock mode, press [▲/▼] KEY to move the cursor, select the program need to lock, press [OK] KEY to confirm, press [RED KEY] to select all programs, the program confirmed to lock will show the program lock mark. When the program is locked, a password prompt column will pop up every time when it is played. Only after entering the correct password then the program can be played.

1.5 Add favorite group

Press [5] KEY to enter into add love programs mode, press [▲/▼] KEY to move the cursor, move the cursor to the program which need to be added to favorite group, press [OK] KEY to confirm that the same program can be added to different favorite groups. Press [EXIT] KEY to EXIT the category box of favorite groups.Programs that are added to the favorites group will have a favorites flag.

2. Program guide

Press the EPG shortcut to enter in the large screen, or move the cursor from the main menu to the Program Guide bar and press [OK] to enter.

On EPG menu press [▲/▼] KEY to move the cursor to switch the current program, if the current program has EPG information, then press [▶] KEY to move the cursor to the EPG event window to see the program's EPG event, press [OK] KEY to see the details of the event, press [GREEN KEY/YELLOW KEY] to switch the EPG information of different dates, save total 7 days of EPG information. When certain EPG event selected,press [RED KEY] to enter into the book menu and select the processing of the event.
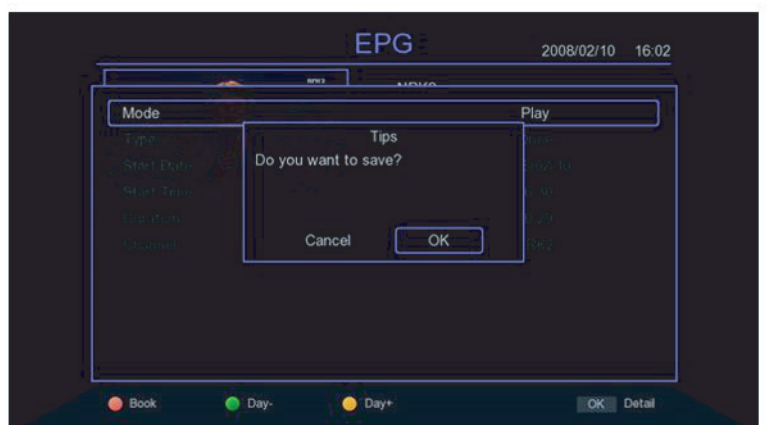
3. Sorting

Move the cursor to the Sort bar in the main menu and press the [◀/▶] KEY to switch the Sort mode.

```
                    Program
    Channel Edit
    Program Guide
    Sort                       <      By LCN      >
    LCN                                Off
    Volum Scope                        Global




    EXIT  Exit              OK  Confirm        ✛ Move
```
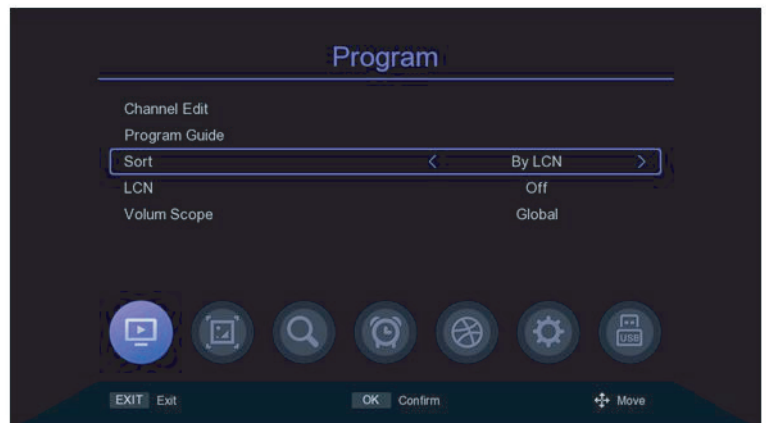
4. LCN

In the main menu, move the cursor to the LCN bar and press the [◀/▶] KEY to switch whether to open LCN function or not.

```
                    Program
    Channel Edit
    Program Guide
    Sort                               By LCN
    LCN                        <       Off        >
    Volum Scope                        Global




    EXIT  Exit              OK  Confirm        ✛ Move
```
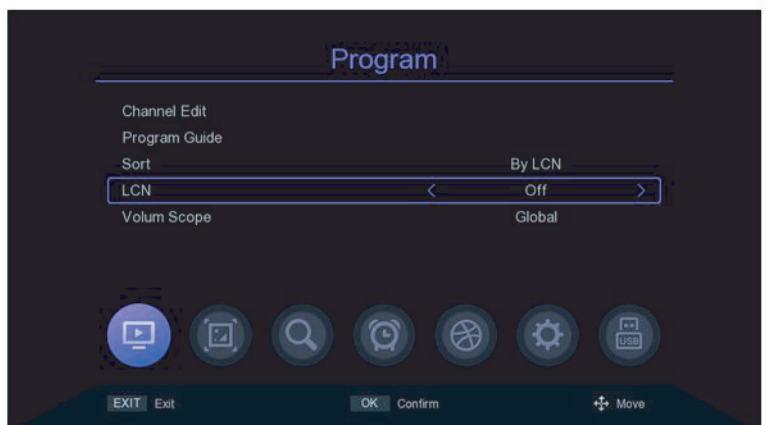
5. Audio Settings

Move the cursor to the Volum Scope bar in the main menu and press the [◀/▶] KEY to switch the range of volume.

```
                    Program
    Channel Edit
    Program Guide
    Sort                               By LCN
    LCN                                Off
    Volum Scope                <       Global     >




    EXIT  Exit              OK  Confirm        ✛ Move
```
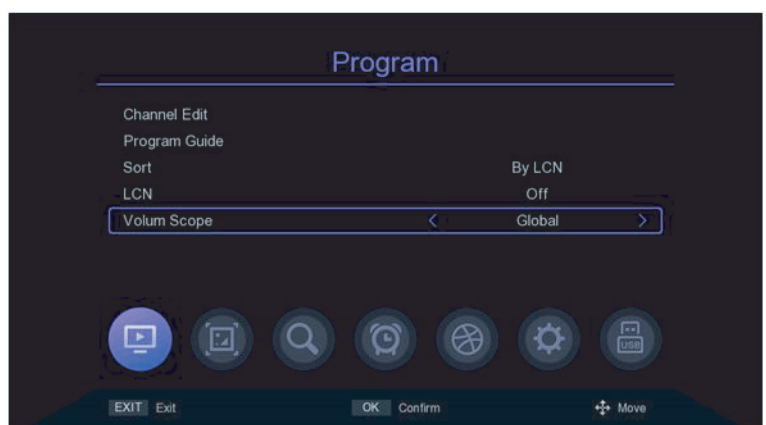
· Image setting

1. Image ratio

Move the cursor to the Aspect Ratio bar from the main menu, press [◄/►] KEY to switch options or press [OK] KEY to display the list of options, press [▲/▼] or [P+/P-] KEY to move the cursor, press [OK] to select Settings.

2. Resolution setting

Move the cursor to the Resolution bar from the main menu, press [◄/►] or [P+/P-] KEY to switch Resolution options or press [OK] KEY to display the list of options,press [▲/▼] KEY to move the cursor, press [OK] to select Settings.

3. Output Format

In the main menu, move the cursor to the TV Format bar and press the [◄/►] KEY to switch the output format.

4. Scart

Move the cursor to the Scart bar in the main menu and press the [◄/►] KEY to switch Scart mode CVBS or RGB.

Picture

Aspect Ratio	Auto
Resolution	1080i
TV Format	PAL
Scart	< CVBS >
OSD Settings	
Panel Setting	

EXIT Exit   OK Confirm   ✛ Move

5. OSD Settings

Move the cursor to the OSD Settings bar from the main menu and press [OK] or [►] to enter into the OSD Settings menu.press [▲/▼] KEY to move the cursor, press [◄/►] KEY to switch the cursor corresponding to the parameters of the Settings.

Picture

Aspect Ratio	Auto
Resolution	1080i
TV Format	PAL
Scart	CVBS
OSD Settings	>
Panel Setting	

EXIT Exit   OK Confirm   ✛ Move

6. Front Panel Settings

Move the cursor to Panel Setting from the main menu, press [OK] or [►] to enter into Pannel Settings menu, press [▲/▼] KEY to move the cursor, press [◄/►] KEY to switch the cursor corresponding to the parameters of the setting item.

Picture

Aspect Ratio	Auto
Resolution	1080i
TV Format	PAL
Scart	CVBS
OSD Settings	
Panel Setting	>

EXIT Exit   OK Confirm   ✛ Move

· Search

1. Search Mode

In the main menu, move the cursor to the Search mode bar and press the [◄/►] KEY to switch the Search mode, dvb-t2 or dvb-c mode.

2. Encrypted program Settings

Move the cursor to the FAT Only bar in the main menu and press the [◄/►] KEY to turn on or off filtering of encrypted programs.

3. Auto Search

Move the cursor to the Auto Search bar and press [OK] or [▶] to enter into the Auto Search menu. If there are programs current, the prompt "Delete all channels to Auto Search?" will be appear, select ok to enter into the search menu. In dvb-c mode, if the signal cable is not inserted or the signal not good, the menu will prompt "LOCK Failed!" , press [OK] KEY to exit.

4. Manual Search

Move the cursor from the main menu to the Manual Search bar and press [OK] or [▶] KEY to enter the Manual Search Settings screen.

DVB - C mode:

Press [▲/▼] KEY to move the cursor to the Frequency bar, press [◄/▶] KEY to select the location of modify parameters, input the number KEY [0~9] to set parameters, when the Frequency is less than 115MHz, will pop up "Frequency error, should not less than 115.0mhz" prompt window, when the Frequency is greater than 858MHz, will pop up "Frequency error, should not larger"Than 858.0mhz" prompt bar, press [OK] KEY to exit.
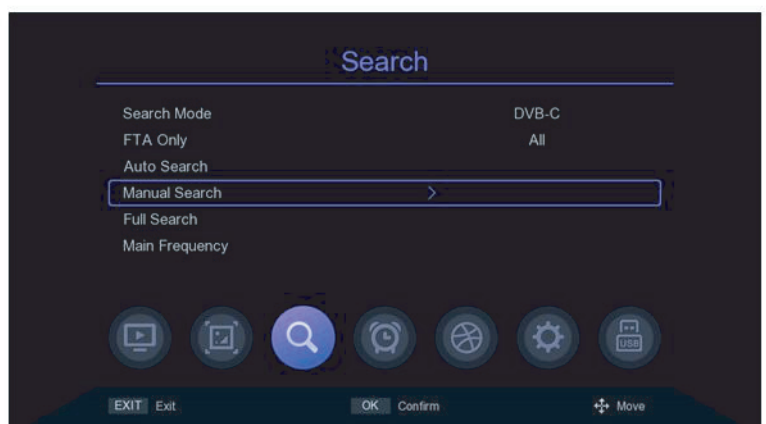
The cursor moves to the Symbol Rate bar, press the [◄/►] KEY to select the position to modify the parameter, and enter the number KEY [0~9] to set the parameter. When the parameter setting is less than 2000, the prompt bar of "Symbol Rate error. Symbol should not less than 2000" will pop up; when the parameter setting is greater than 7000, the prompt bar of "Symbol Rate error. Symbol should not lager than" will pop up 2000 " prompt box, press [OK] KEY to exit. Move the cursor to the QAM bar, press the [◄/►] KEY to switch options, if the signal is locked by set-top box,then the Quality progress bar will be displayed at the bottom of the menu,if the signal Quality is good it's going to show purple. Move the cursor to the start bar,press [OK] to enter the search screen and begin the search. If the signal is not locked. It will prompt "LOCK Failed!" when pressing [OK].

Manual Search

Frequency(MHz)   99.0
Symbol Rate(KS/s)   875
QAM   QAM
Start   ss OK

Tips
Frequency error , should not less than 115.0MHz

OK

Strength   72%
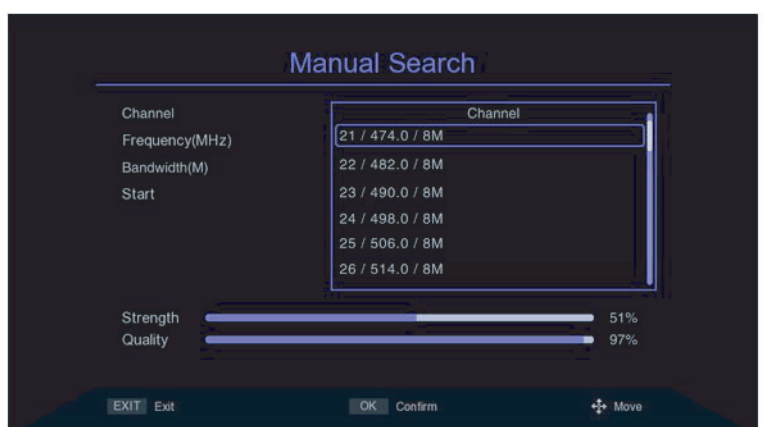Quality   32%

EXIT Exit   OK Confirm   Move

Manual Search

Frequency(MHz)   299.0
Symbol Rate(KS/s)   6875
QAM   <   64QAM   >
Start   Press OK

Strength   71%
Quality   32%

EXIT Exit   OK Confirm   Move
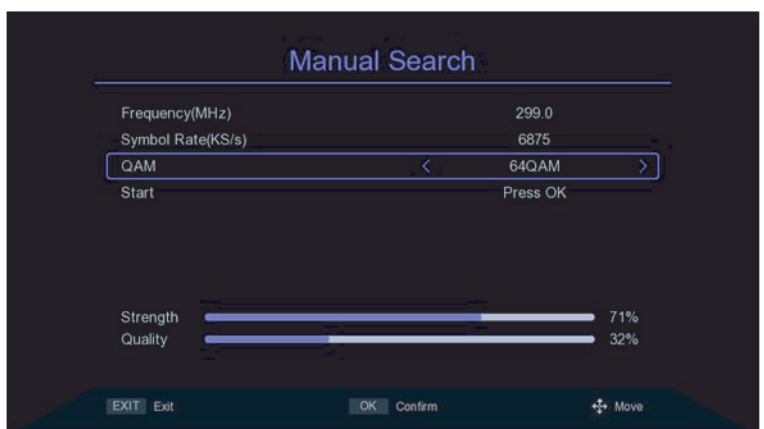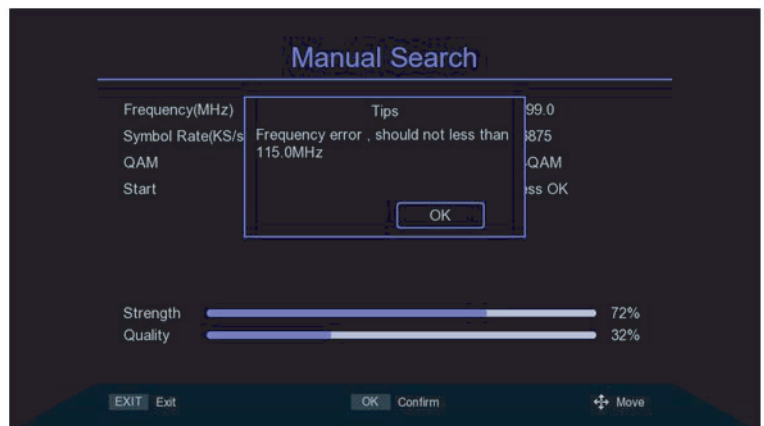
DVB-T2 Mode:

Press [▲/▼] KEY to move the cursor to the Channel bar, press [◄/►] KEY to select modify parameters or press [OK] to show the list, press [▲/▼] KEY to move the cursor, press [OK] to select parameters and press [OK] to confirm.

Manual Search

Channel   Channel
Frequency(MHz)   21 / 474.0 / 8M
Bandwidth(M)   22 / 482.0 / 8M
Start   23 / 490.0 / 8M
                        24 / 498.0 / 8M
                        25 / 506.0 / 8M
                        26 / 514.0 / 8M

Strength   51%
Quality   97%

EXIT Exit   OK Confirm   Move

Press [▲/▼] KEY to move the cursor to the Frequency bar, press [◄/►] KEY to select the location of the modification parameter, input the number key [0~9] to set the parameter, when the Frequency is setted less than 50MHz,it will pop up "Frequency error, should not less than 50.0mhz" prompt bar, when the Frequency is setted more than 870MHz,it will pop up "Frequency error, should not more than 870.0mhz" prompt bar, press [OK] to exit.

Manual Search

Channel	21
Frequency(MHz)	16.0
Bandwidth(M)	8
Start	ss OK

Tips
Frequency error , should not less than 50.0MHz
OK

Strength ▬▬▬▬▬▬▬ 39%
Quality ▬ 0%

EXIT Exit   OK Confirm   Move

Press [▲/▼] KEY to move the cursor to the Bandwidth bar, and press [◄/►] KEY to select change parameters. Move the cursor to the start bar and press [OK] to enter the search screen to begin the search.

Manual Search

Channel	21
Frequency(MHz)	74.0
Bandwidth(M)	8
Start	ss OK

Tips
Frequency error , should not larger than 870.0MHz
OK

Strength ▬▬▬▬▬▬▬ 51%
Quality ▬▬▬▬▬▬▬▬ 96%

EXIT Exit   OK Confirm   Move
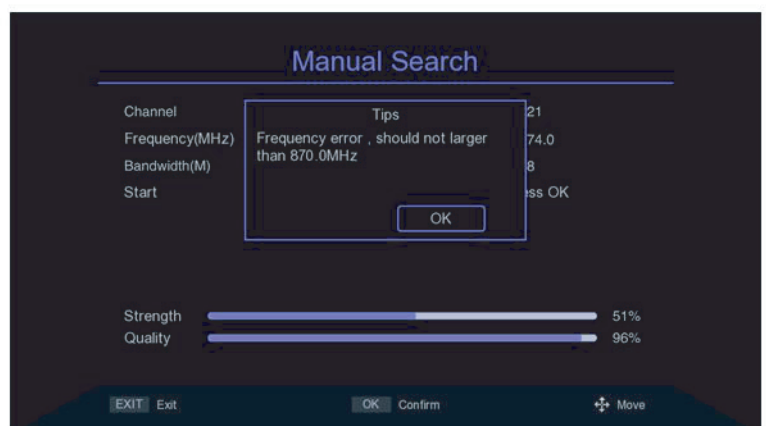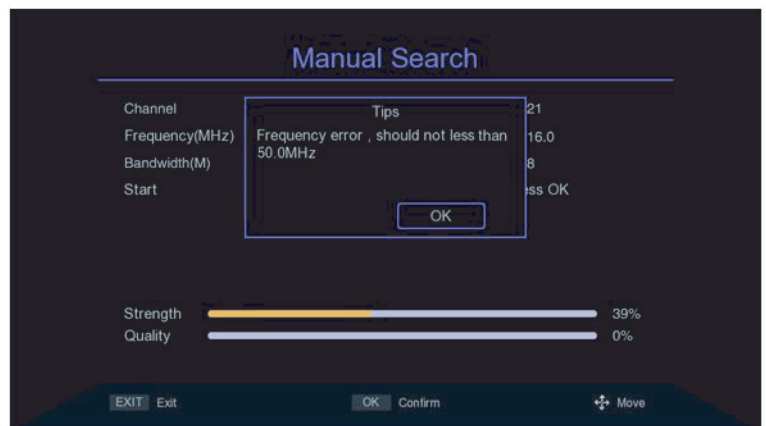
5. Full Frequency Search

Full frequency search is only available in dvb-c mode,move the cursor to Full Search bar, press [OK] or [►] KEY to enter into the Full Frequency Search Settings menu, press [▲/▼] KEY to move the cursor, press [◄/►] KEY and number key [0 ~ 9] to modify the attribute parameters,Start Frequency is for the Search of the lowest Frequency, not less than 115 MHZ,End Frequency is the End Frequency of the search Frequency spectrum,

Full Search

Start Frequency(MHz)	115.0
End Frequency(MHz)	858.0
Symbol Rate(KS/s)	6875
QAM	64QAM
Start	Press OK

EXIT Exit   OK Confirm   Move

not more than 858 MHZ, the value setted of Symbol Rate should not less than 2000 ks/s or greater than 7000 ks/s, switch QAM Settings by the [◄/►] KEY. Move the cursor to Start then press the [OK] KEY,if setting parameter hyper out of range, then the prompt column will pop up, and parameters returns to the default value,if the parameter is set correctly,it will enter into the program search menu.

6. Main Frequency Setting

Main frequency setting is only available in DVB - C mode, move the cursor to the Main Frequency bar, press [OK] or [▶] KEY to enter into Main Frequency Settings menu, press [▲/▼] KEY to move the cursor, press [◄/▶] KEY and number key [0~9] to modify the attribute parameters, the Main Frequency can not be less than 115 MHZ and more than 858 MHZ,the Symbol Rate value setted cannot be less than 2000 ks/s or greater than 7000 ks/s, press [EXIT/MENU] KEY to save and exit, if the parameter setting with error, the prompt column will pop up, The error parameter will be restored to the value saved last time.
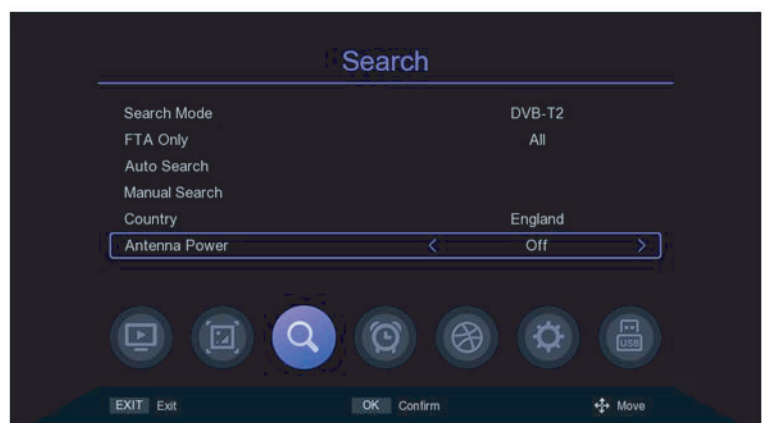
Main Frequency

Main Frequency(MHz)	299.0
Symbol Rate(KS/s)	6875
QAM	64QAM

EXIT Exit   OK Confirm   ✛ Move

7. Country Setting

The country option is only available in DVB-T2 mode, move the cursor to country, press [◄/▶] KEY to switch countries or press [OK] to display the list of options, press [▲/▼] KEY to move the cursor, press [OK] to confirm.

Search

Search Mode	DVB-T2
FTA Only	All
Auto Search	
Manual Search	
Country	‹ England ›
Antenna Power	Off

EXIT Exit   OK Confirm   ✛ Move

8. Antenna Power

The Antenna Power option is only available in DVB-T2 mode. Move the cursor to Antenna Power and press [◄/▶] KEY to switch ON or Off.

Search

Search Mode	DVB-T2
FTA Only	All
Auto Search	
Manual Search	
Country	England
Antenna Power	‹ Off ›

EXIT Exit   OK Confirm   ✛ Move

· Time Setting

1. Region and Time

Move the cursor to Region and Time, press [OK] or [▶] KEY to enter the Region and Time setting menu, in the Region and Time setting menu,press [▲/▼] KEY to move the cursor, press [◄/▶] KEY to switch Settings, press [EXIT/MENU] to EXIT.

2. Sleep Setting

Move the cursor to the Sleep bar and press [◄/▶] KEY to change the time. If the parameter is set to 12 hours, the system will automatically enter into standby after 12 hours.
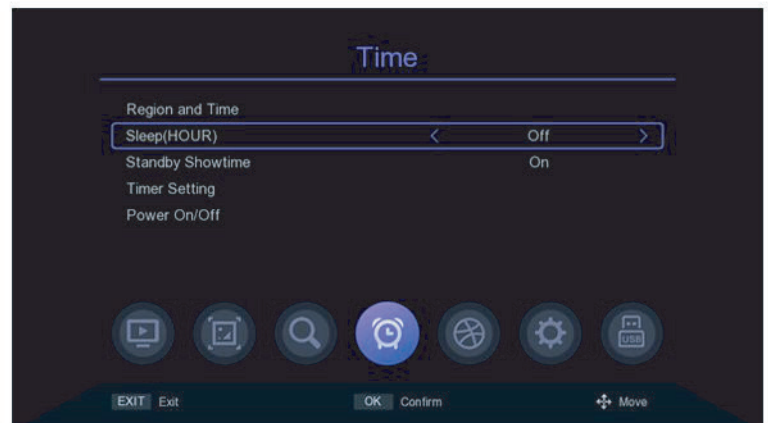

3. Standby Showtime Setting

Move the cursor to Standby Showtime and press [◄/▶] KEY to change the Standby wheter to show the time or not.

4. Timer Setting

Move the cursor to the Timer Setting bar and press [OK] or [▶] KEY to enter.

In the timer setting menu, the [RED KEY] KEY is to delete the timing task of the bar where the cursor is located; the [GREEN KEY] KEY means to add a new timing task, will enter into the menu to add task, [▲/▼] KEY is to move the cursor to the option to set, press [◄/▶] KEY or number KEY [0~9] to modify parameters, if the Mode is PVR, then please check whether to insert the storage device, otherwise will not be able to enter into the PVR; Press [EXIT/MENU],it will pop up "Do you want save?"Prompt column, select ok to save and exit.The [YELLOW KEY] represents to edit the timing event in the column where the cursor is located; Press [BLUE KEY] to delete all timing events.
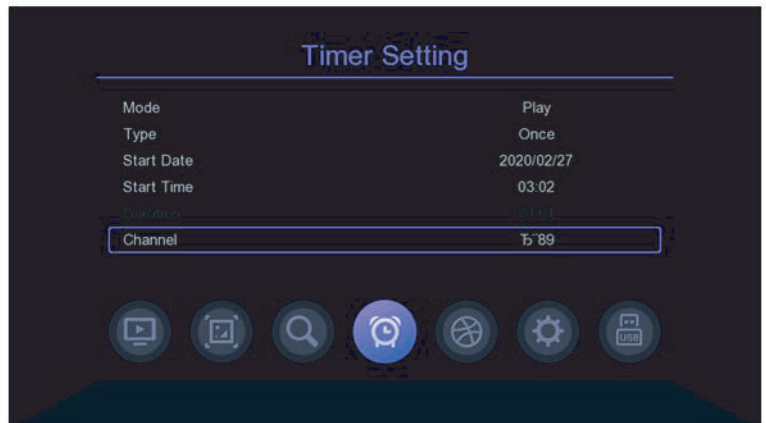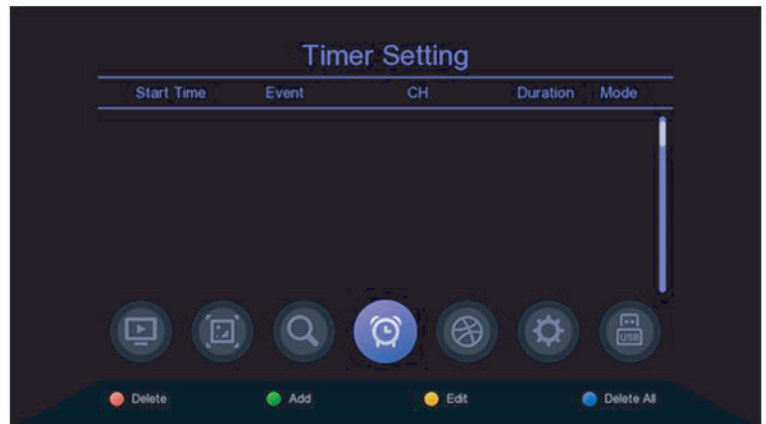
5. Power On/Off

Move the cursor to the Power On/Off bar and press [OK] or [▶] KEY to enter into the timer setting menu of the power on/on. [▲/▼] KEY is to move the cursor to the requested Settings menu, press [◄/▶] KEY or the number key [0~9] to modify the parameters.

· Option

1. OSD Language

The default Menu language Settings is English, press the [◄/►] KEY to modify the parameters.

2. EPG Language

The default TV guide language Settings is All, press the [◄/►] KEY to modify the parameters.

3. Subtitle Language

The default Subtitle language Settings is English, press the [◄/►] KEY to modify the parameters.

4. TTX Language

The default TTX language setting is Auto, press the [◄/►] KEY to modify the parameters.

Option

OSD Language	English
EPG Language	All
Subtitle Language	English
TTX Language	‹ Auto ›
First Audio Language	English
Second Audio Language	English
Digital Audio	Auto

EXIT Exit   OK Confirm   ✛ Move

5. First Audio Language

The default First audio language Settings is English, press the [◄/►] KEY to modify the parameters.

Option

OSD Language	English
EPG Language	All
Subtitle Language	English
TTX Language	Auto
First Audio Language	‹ English ›
Second Audio Language	English
Digital Audio	Auto

EXIT Exit   OK Confirm   ✛ Move

6. Second Audio Language

The default Second audio language Settings is English, press the [◄/►] KEY to modify the parameters.

Option

OSD Language	English
EPG Language	All
Subtitle Language	English
TTX Language	Auto
First Audio Language	English
Second Audio Language	‹ English ›
Digital Audio	Auto

EXIT Exit   OK Confirm   ✛ Move

7. Digital audio

The default Digital audio Settings is Auto, press the [◄/►] KEY to modify the parameters.

```
                    Option
OSD Language                    English
EPG Language                    All
Subtitle Language               English
TTX Language                    Auto
First Audio Language            English
Second Audio Language           English
Digital Audio           <       Auto        >

EXIT  Exit              OK  Confirm         ✛ Move
```
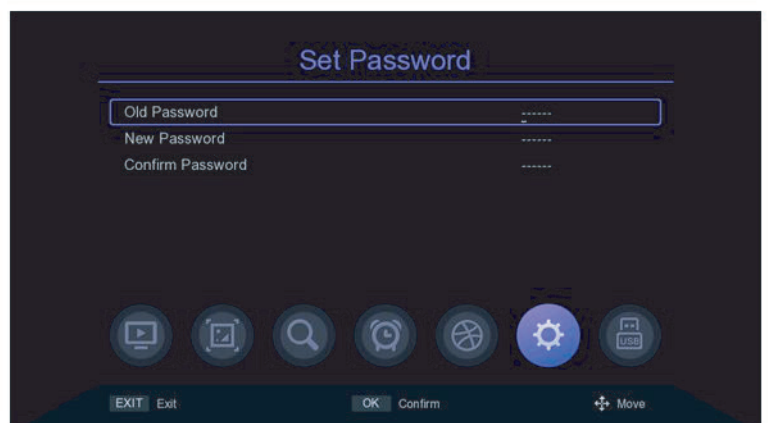
· System Settings

1. Parents Control

Move the cursor to the Parental Guidance bar, press [OK] or [►] KEY and a small window will pop up. Enter the default password '000000' to enter.

```
                    System
Parental Guidance
Set Password            Password
Restore Factory         ▢ ▢ ▢ ▢ ▢ ▢
Information
Software Update
Network Setting
Power On Control                    Power On

EXIT  Exit              OK  Confirm         ✛ Move
```

2. Set Password

Move the cursor to Set Password bar, press the [OK] or [►] KEY to pop up a small window. Enter the default Password" 000000 " to enter the s Password setting menu. If you accidentally forget the previous Password, you can enter the super Password" 876543 " to change the Password.

```
                 Set Password
Old Password                    ------
New Password                    ------
Confirm Password                ------

EXIT  Exit              OK  Confirm         ✛ Move
```

3. Restore Factory Default

Move the cursor to Restore Factory default bar, press [OK] or [▶] KEY,it will pop up a small window. Enter the default password "000000" then will pop up "Sure to Factory rest?" window, select ok to restore factory settings, the system will reset to the default value and clear all added channels and other parameters, please use this feature carefully.
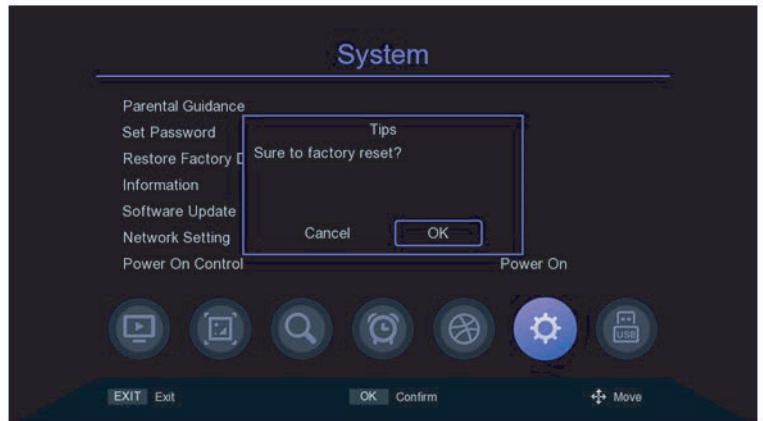
4. Version Information

Move the cursor to Restore Factory default bar, press [OK] or [▶] KEY to enter into the version information view menu.
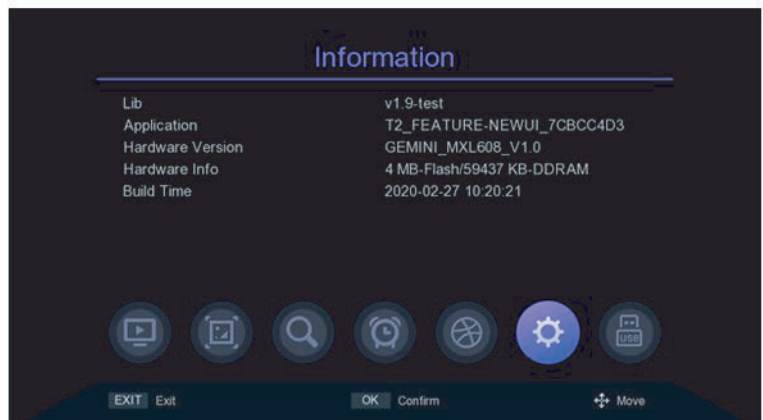
5. Software Update

Move the cursor to the Software Update bar, press [OK] or [▶] KEY to enter into the Software Upgrade menu, select USB Upgrade, press [OK] or [▶] KEY to enter the USB Upgrade menu.

usb upgrade： After selecting the correct path, select the software named "*.bin", then move the cursor to "Start" and press [OK] KEY to start the upgrade.

Dump： Select the USB device, then move the cursor to "Start" and press [OK] KEY to start the data derived.
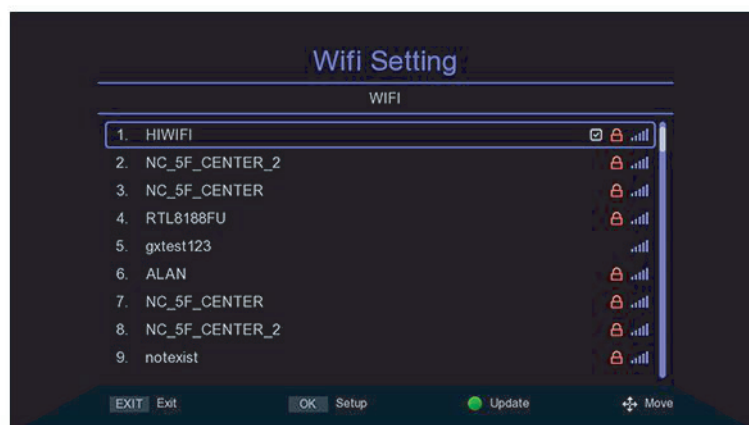
6. Network Setting

Move the cursor to the Network setting bar and press [OK] or [▶] key to enter into the Network setting menu.

Device：Press the [◄/▶] KEY to switch network devices. If the connection is USB wifi,then press the [GREEN KEY] to scan wifi, select the wifi to be connected, and enter the password to connect.

Mode：Control the device is on or off, press the [◄/▶] KEY to switch.

Type：Select to obtain IP dynamically or statically, press the [◄/▶] KEY to switch.

To move the cursor to the save bar to modify the parameters, and press [OK] to save it then it will take effect.

Network Setting

Device	<	WIFI	>
Mode		On	
Type		DHCP	
IP Address		192.168.050.016	
Subnet Mask		255.255.255.000	
Gate Way		192.168.050.001	
DNS1		192.168.050.001	
DNS2		000.000.000.000	
Save		Press OK	
Status		Connected!	

● Scan

Wifi Setting
WIFI

1. HIWIFI
2. NC_5F_CENTER_2
3. NC_5F_CENTER
4. RTL8188FU
5. gxtest123
6. ALAN
7. NC_5F_CENTER
8. NC_5F_CENTER_2
9. notexist

EXIT Exit   OK Setup   ● Update   ✛ Move

7. Power On Control

Move the cursor to the Power On Control bar and press the [◄/▶] KEY to switch options.

Power on：It refers to the Power on state after disconnect the power and restart.

Standby：It represents that after power disconnect, standby state is entered after booting. Press [POWER] KEY to enter into boot state. If wake up in a sleep state,then will enter into power on state.

Last state：That's the last state, power disconnect and turn off the STB under normal situation, so it's boot state when turn on the STB, if power disconnect and turn off the STB under sleep mode, then it is sleep state after booting. If wake up under sleep mode, then it will enter into the boot state.

System

Parental Guidance
Set Password
Restore Factory Default
Information
Software Update
Network Setting

Power On Control	<	Power On	>

EXIT Exit   OK Confirm   ✛ Move

· USB

1. Media Centre

Move the cursor to the Media Centre bar and press [OK] or [▶] KEY to enter into the media center.

File mode: Under this mode, you can open each media format.

Video mode: Under this mode,it will display the available video files on the screen, select the folder to store the video, and press the [OK] KEY to play.Under video playback menu, the cursor stays on the progress bar by default.You can drag the cursor with the [◀/▶] KEY and press the [OK] KEY to complete the seek time function,You can use the shortcut keys corresponding to the remote control to pause, play, fast forward,rewind and other function control if needed.Or when the control bar is displayed,press the [▼] KEY on remote control,select the icon,and press [◀/▶] KEY to move to the corresponding icon which selected, press [OK] KEY to start the function.

Music mode:Under this mode,it will display the available audio files on the screen, selects the audio files in the directory, and presses the [OK] KEY to play.Under audio playback menu,the cursor stays on the progress bar by default.You can drag the cursor with the [◀/▶] KEY and press the [OK] KEY to complete the seek time function,You can use the shortcut keys corresponding to the remote control to pause, play, fast forward,rewind and other function control if needed.Or when the control bar is displayed,press the [▼] KEY on remote control,select the icon,and press [◀/▶] KEY to move to the corresponding icon which selected, press [OK] KEY to start the function.
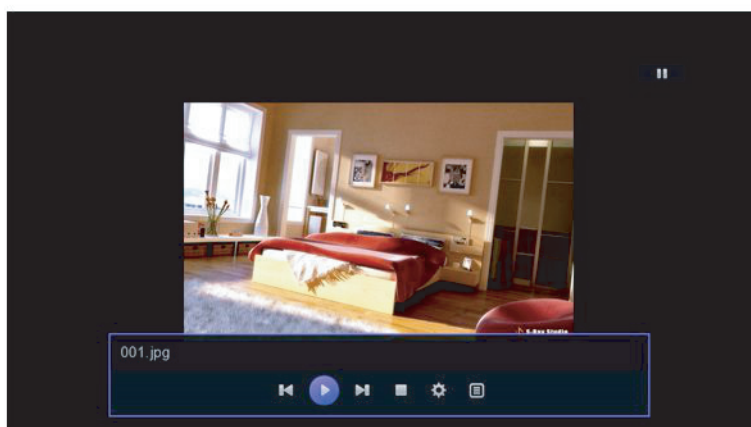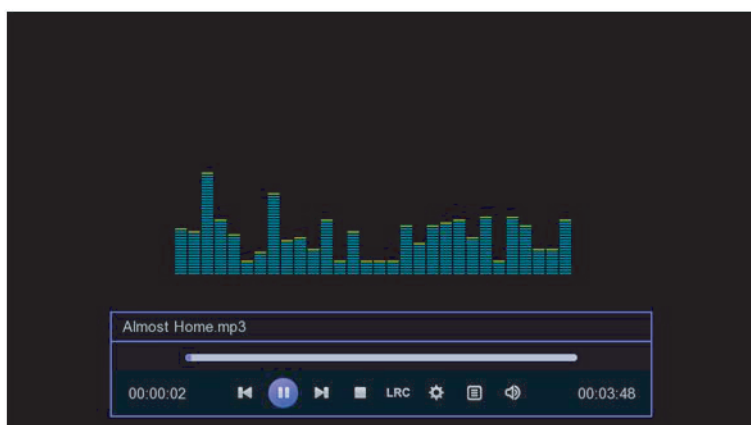
Picture mode: Select the directory where the pictures are stored and press the [OK] KEY to play the pictures. In the picture playing menu,You can press the [◀/▶] KEY to move to the corresponding icon which selected, and press the [OK] KEY to start the function. Press [RED KEY] to set playing properties; When the progress bar disappears, you can press the [◀/▶] or [↤/↦] KEY to switch images up or down.

2. PVR Media

Move the cursor to PVR Media and press [OK] or [▶] to enter into the PVR Media media. The left screen will list the recorded files in the saved device, and the right screen will display the PVR file information.Press [▲/▼] KEY to select record file and press [OK] to play. [RED KEY] means to delete the PVR file of the cursor located row; [BLUE KEY] means to delete all PVR files; Press [EXIT/MENU] KEY to be back to the previous menu.
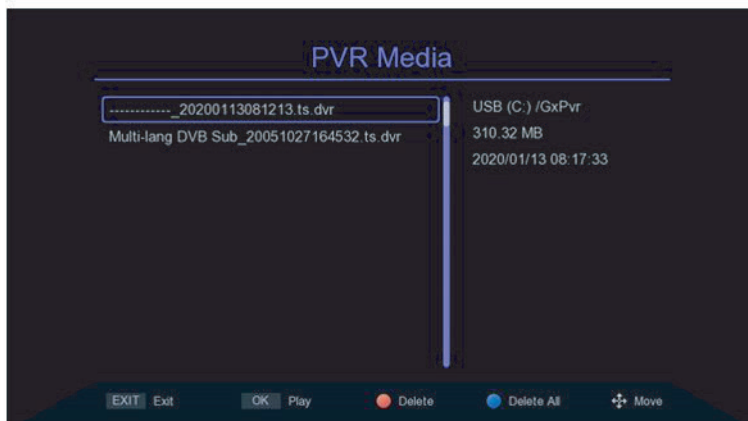
3. PVR Configure

Move the cursor to the PVR Configure bar, press [OK] or [▶] KEY to enter the PVR Settings screen, press [▲/▼] KEY to move the cursor, if you change the PVR Settings, then press [EXIT/MENU] KEY,it will pop up "Do you want to save?" Prompt bar, move the cursor to select the ok bar, press the [OK] KEY to save.

Timeshift: Press [◀/▶] KEY to switch Timeshift on–off, if the setting is on, you can do timeshift for the program while watching TV.
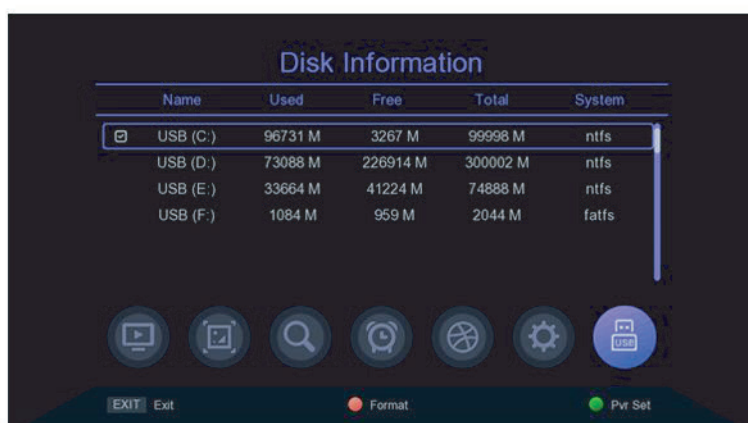
Technical Specification

Classification	Item	Technical Configuration
Tuner	Input Connector	IEC 169-24 F-Type Female
	Input Frequency scale	115~870MHz
	IF Band width	8MHz
	Signal Level	-78~20dBm
Channel Decoding	Standard Followed	DVB-C,DVB-T2
	Demodulating mode	OFDM, QAM-64, QAM-32 QAM-16
Video Decoding	Standard Followed	MPEG-4 Video Main Profile @Main level
		H265/HEVC Baseline Profile @Main level
		H265/HEVC High Profile @up to level4 for the following conformance points
		HEVC Main 10 Profile @ up to Level 4.1 for the following conformance points
	Video Format	4:3,16:9
	Resolution	1080p,1080i,720p,720i,576p,576i
	Container format	mp4、mkv, flv, ts
Audio Decoding	Standard Followed	Enhanced AC-3(aka Dolby Digtal Plus) up to 5.1 channels
		MPEG-1 Audio Layer ⅰ&ⅱ
		AAC-LC up to level 2 for stereo and level 4 multichannel(5.1)
		HE_AACv1 up to level 2 for stereo,level 4 multichannel(5.1)
	Audio Format	mono ,dual ,stereo,joint stereo
	Frequency Adopted	33, 44.1, 48KHz
	Container format	mp3, wav
Memory	Program Flash Memory	4MB
	System Memory	64MB
Front Pannel	LED Display	1 indicator light of power
	Digital Tube	4 digitals-7segments
	IR	38KHz
Rear Panel	RF IN、RF LOOP OUT	F Female input connector
	USB	USB2.0
	HDMI	1.4b
	SCART	RGB 、CVBS
	Coaxial	SPDIF
	DC 12V	12V 2A
Power Supply	Input Voltage	100~240V 50/60Hz
	Operating temperature	0~+50 ℃