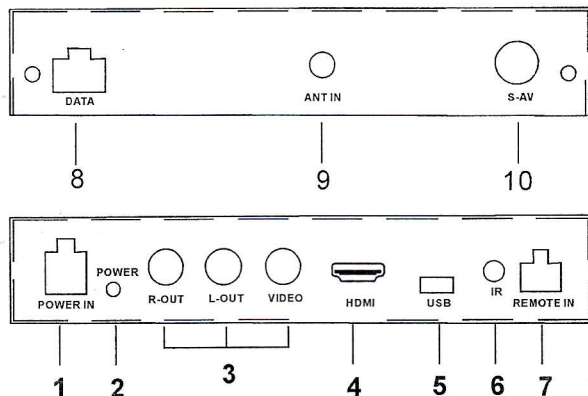


## **Main Function**

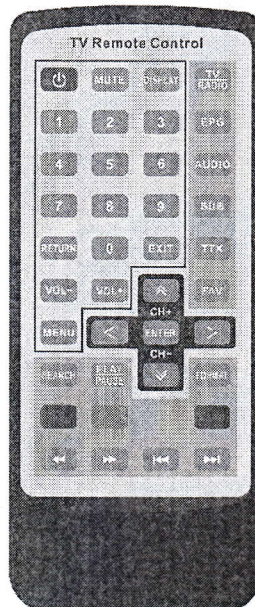
- Fully compliant with ETSI EN 302 755 V1.3.1(DVB-T2)/ETSI EN 302 744 V1.6.1(DVB-T) standard
- Support new DVB-T2 Lite, receive good signal while driving 130KM/H
- Frequency Range: VHF 174~230MHz, UHF 470~862MHz  
Remarks:
- Special design for car using, Support voltage:DC+10V~15V
- Support HDMI 1.4(1080P)、CVBS output And L/R audio output
- Support PAL/NTSC auto conversion
- With 3 ways video output
- Support MPEG1, 2, 4, H.264, AVS, DIVX, REAL, VC-1 decoder (up to 1920X1080P)
- Support Audio decoder MPEG/AAC/WMA/AC3
- Super fast hardware decoding of JPEG picture.
- Small windows screen picture with EPG graphic menu
- Auto/Manual channel search function
- DVB subtitling ETSI 300473 compliant and OSD teletext
- EPG(Electronic Program Guide)with now and next and 7 days events
- Supports multiple OSD languages menu .
- USB2.0 host support upgrade, PVR, time shifting and media play with U-FLASH or HDD
- Support Multi-media connection play function
- Standby consumption less than 0.85W(True Standby)
- Operating Condition:-20-60℃ Humidity:≤95% RH

## 一、Layout of the main unit



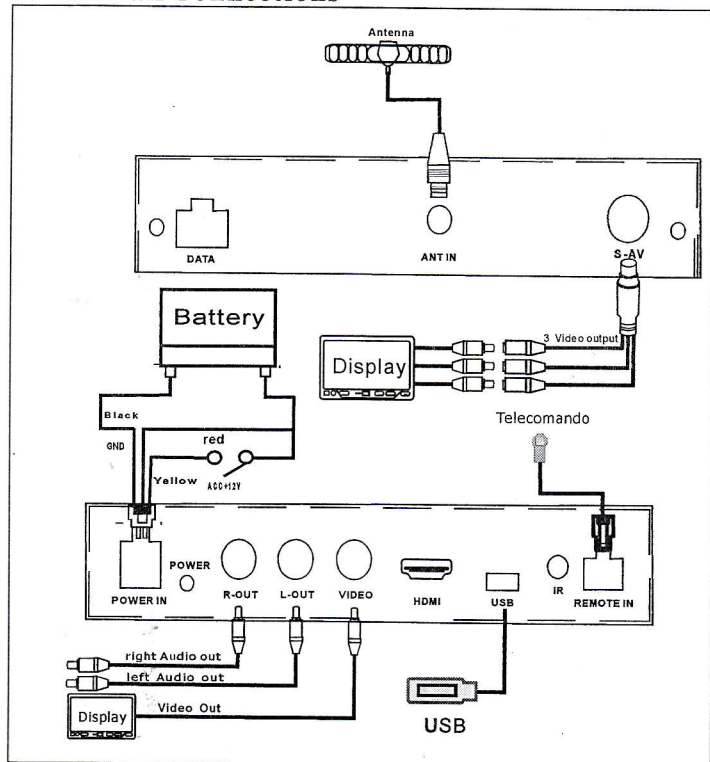
- 1、 DC 12 V Power input
- 2、 Power LED
- 3、 AV Output
- 4、 HDMI Output
- 5、 USB Connector
- 6、 Remote Sensor
- 7、 Ext. Remote Sensor
- 8、 DATA Port
- 9、 Antenna Input
- 10、 Three Way Video Output

## 二、Remote Control Function Brief



Power	Press to turn on/off the DTV
Mute	Select sound or remove sound
Enter	Confirm the selection
Display	Displays current channel/program information
TV/RADIO	Switch between TV and Radio modes
0-9	Input channel number
SUB	Change the subtitle language
EPG	Display the Electronic Program Guide
AUDIO	To change audio menu
TTX	Display teletext features
FAV	Add or remove TV channels from one of the four favorite channel lists
Exit	Menu exit and OSD clear
VOL+/-	Volume adjust and left/right in the menu
Menu	Display the main Menu
CH+/-	Change the channel one by one and up/down in the menu
[Left Arrow]	Menu selection
[Right Arrow]	Menu selection
Search	Scan program
Play/Pause	Press to turn on/off the Time shift
[Recording Icon]	Press to turn on/off the recording

### 三、Install Connections



#### Cautions

The red power wire connect to the ACC line which can control the auto, don't connect to the storage battery directly from the auto, to guard against long term operation can't stop. The ACC line and the GND line should install firmly, avoid some unnecessary machine issues.

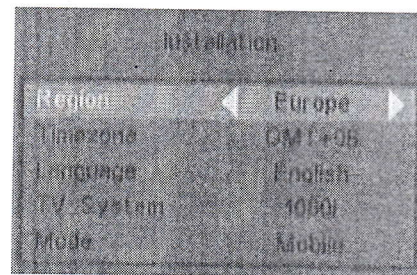
### 四、Basic Operation

#### 4.1 Turn on and Turn off

Pls make sure the power is good connection before use, and antennas are installed and good connection.

##### 1、Enter system

After the unit power on, enter digital tv working condition. If no TV Programme to enter system in the database as below picture:



If no TV Programme in the database, will play the same programme of last power off. If can't enter, pls check all the above steps good conditions.

##### 2、Turn on

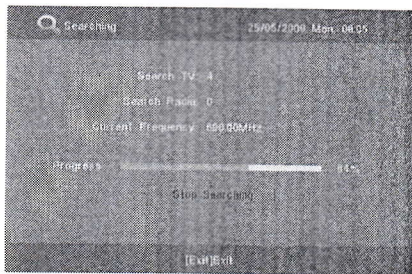
The unit under standby condition, press [POWER] to start it.

##### 3、Turn off

In any case, when the unit working press [POWER] to enter standby condition.

#### 4.2 Channel Search

If no TV Programme in the database, select the right area in installation guide to make auto search, press [ENTER] to next step. Select INSTALLTION enter auto search, or directly press the SEARCH button in the remote to search channel as below picture:



When finish search all channels, the system will auto exit the auto search interface, save all channels and back to tv channel interface.

### 4.3 Volume Control and Mute

1、 When system under full-screen TV playing, press [VOL+/VOL-] button to adjust the volume, and the screen will show the volume item 0-30.

2、 When system under full-screen TV playing, press [MUTE] to enter mute condition, press [MUTE] again to cancel mute.

### 4.4 TV Progran and Radio Progtam Switch

When system under full-screen TV playing, press [TV/RADIO] button to switch TV Program and Radio Program.

### 4.5 Change Channel

1、 When system under full-screen TV playing press [▲▼] button to change current tv programme or radio programme to previous or next channel.

2、 When system under full-screen TV playing, press [ENTER] button to enter the fast choose programme list, press [◀ ▶] to select programme sort from the pop-up programme list, press [▲▼] button to up and down moving select your wanted programme as below picture :



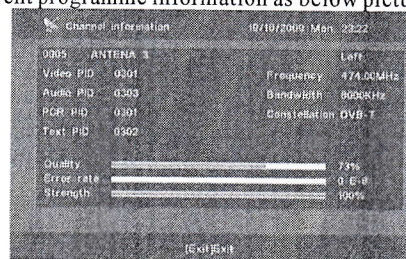
Press [ENTER] to select programme, and [EXIT] to exit menu;  
3、 Press the number in remote to switch channel.

4、 If already setting your favorite programme, Press [FAV] button switch to the favorite TV programme or Radio programme list as below picture :



### 4.6 Programme information Display

When system under full-screen TV playing, press [Display] button display the current programme information as below picture :

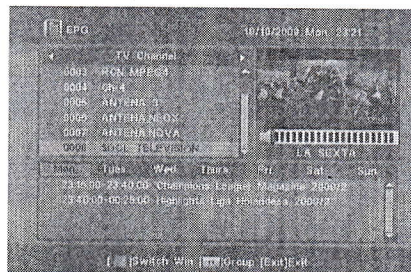


## 4.7 Programme Show Back

When system under full-screen TV playing, press 『Recall』 button show back to the last played programme.

## 4.8 Sub EPG

If you want to know the current or future period being broadcasting programme information, you can press 『EPG』 button enter 『EPG』 menu as below picture :



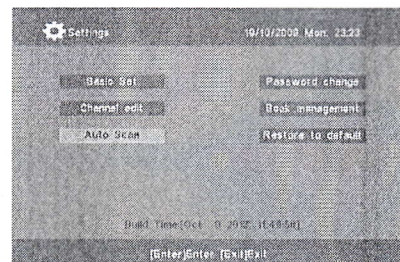
Press 『Menu』 button select your wanted programme and information, press 『▲▼』 button for check.

## 五、Menu Operation Instruction

### 5.1 Search Programme by Area

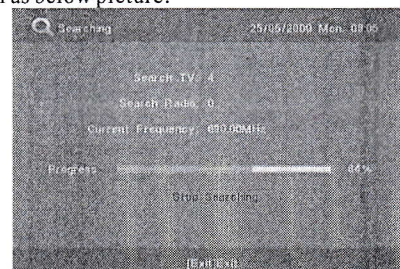
Area search is a intelligent and convenient programme search, you can search by country or area, the search range is all the frequency and programme in the local country or area.

1、 Press 『▲/▼』 button to move the cursor up and down select the 【Search】 option in the menu, then press 『ENTER』 button to enter the search page as below picture :



2、 After enter the search page, the system will auto search all frequency's programme in the local country or area.

3、 During the auto search, press 『EXIT』 button to stop search and exit auto search as below picture:



4、 After finish searching all programme, the system will auto exit the auto search interface, save the all programme information and return to full-screen playing.

### 5.3 Default Setting

Default Setting restores the receiver to the factory default settings.

**Note :** After Default Setting is carried out, all data such as channel information and user configured data are deleted.

### 5.4 User Setting

The user setting provides a personalized system configuration function, you can set the system according to your favorite. Press the 『MENU』 button to enter Setting as below picture :



## 1. Basic Setting

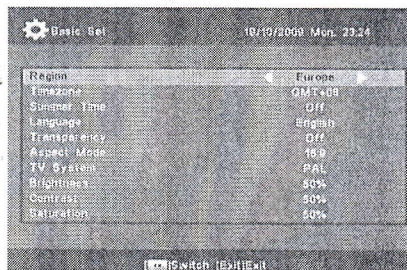
Select the area make the channel setting, different version different default setting.

### • Language Setting

The system support multiple language user interface, you can set it by the language option.

### • Video Setting

The system support multiple language user interface, yiu can set it by the language option, so far it support Simplified Chinese, Traditional Chinese and English as below picture:

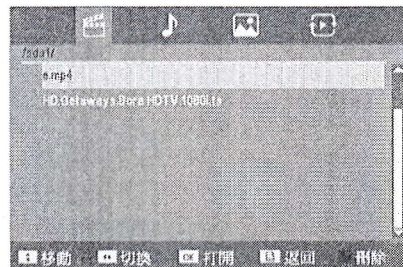


## 六、USB Media Player

The unite come with the USB connector, you can connect the to the USB key by this port. So far the system support multimedia playing, PVR Recording and Time Shift by through USB.

## 6.1 The unit support Multimedia playing.

Copy the media file to USB, then connect the USB to the unit, press [Menu] button to enter [Media] interface. Select to enter playing movie, music, picture and playback interface as below picture:



## 6.2 Time Shift

When you are making a call, you can pause the current playing programme, after you finish the call, you can continue watching the programme and no miss any details.

1、When system under full-screen TV playing, press [Play/Pause] button, the screen will lock on the current page, if there is the external USB connected, it will be auto record the real-time broadcasting programme as below picture :

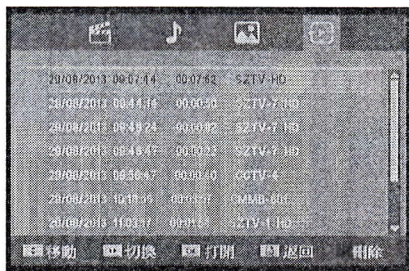


2、Press the [Play/Pause] button again, continue to watch the recording programme from where it stop. Press [EXIT] button to exit the recording programme, to exit time shift function, back to real-time broadcasting programme playing.

### 6.3 Recording

You can record the programme while watching, press the yellow button will pop-up the time list start to count, press [EXIT] button or press the record button again to stop recording the programme which you are watching, and save as video files.

Press the [MENU] button enter the [Media] interface ,select to playback the recording video file show as below picture:



After select the programme press [ENTER] button to play. Press the relevant buttons to edit the programme like move, switch or delete.

### 七、Before send to Maintain

Before contacting your local service, please make sure following instructions. If the product does not work normally after completing the following fault problems and solutions, please contact your local product distributor or service center.

Fault problems	Solutions
No picture and sound	Check the main power cable and check that it is plugged into a suitable power outlet. Check whether Power Switch is On.
NO signal	Check the antenna position and installation. Check the area setting whether correct, if not need to reset again
No sound	Check the volume level of the TV and the remote control. Check the Mute status of the TV and product.
Poor picture & sound quality	Check if the weak reception of antennas, and install antennas again.
Can't search signal	Check the setting of country and area if correct, or maybe the weak signal
Poor pictures and sound quality when car moving	Maybe the weak signal in the local position, try in another place.

### 八、Accessories Included

Name	Specification	Quantity
Remote control		1
Power line		1
AV line		1
User's manual		1
Antennas		1
IR line		1