User Guide

Car ATSC Receive Box

Product Appearance

POWER/DC   LED   ANT

USB   CVBS   AUDIO_R   AUDIO_L
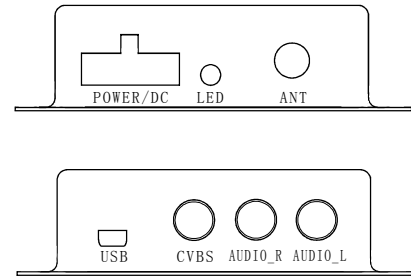
Product Features

● Fully compatible with the ATSC standard
● 2 AV output, remote control, USB upgrade
● Support high-speed mobile reception and playback
● Support Electronic Program Guide
● Supports automatic/manual search
● Support MPEG2 / MPEG4 / H.264 HD decoding
● Support languages of many countries
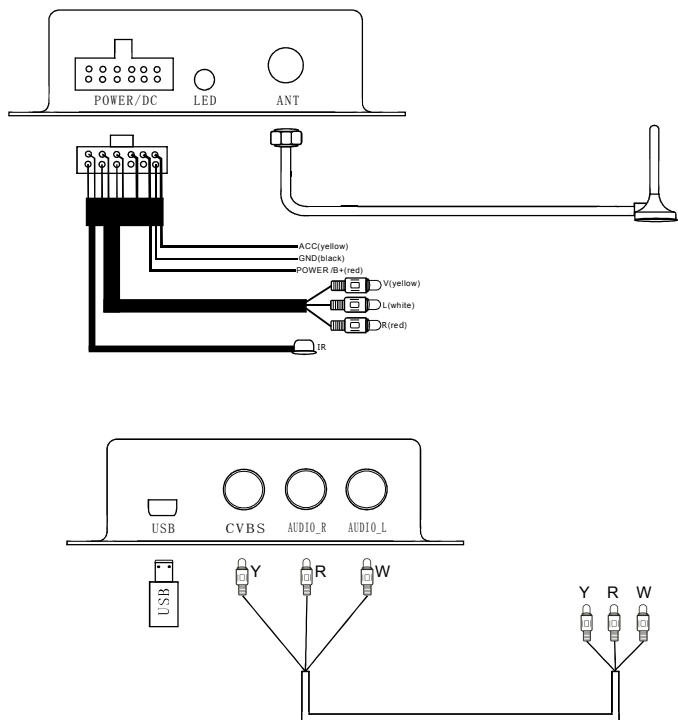● Easy installation for car

Interface Definition

① ② ③

④ ⑤ ⑥ ⑦
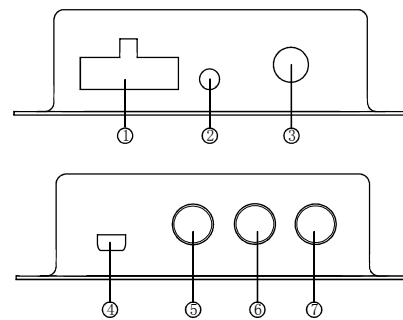
① Universal Power Interface
② Power Indicator
③ Antenna Interface
④ USB Interface
⑤ Video Output
⑥ R-Audio Output
⑦ L-Audio Output

Parts List

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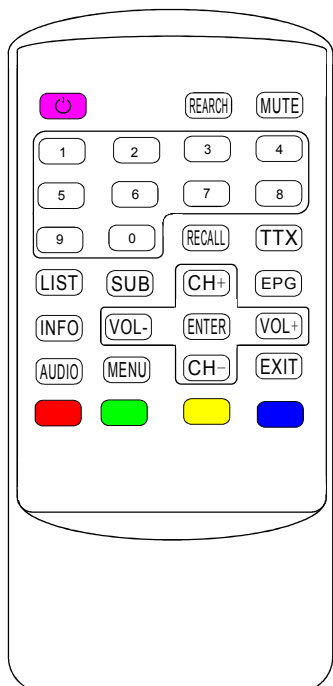
Part Name	Specifications	Quantity
Main Box		1pcs
Remote Control		1pcs
Universal Power Cord		1pcs
Antenna		1pcs
AV Cable		1pcs
User Guide		1pcs
Warranty Card		1pcs

安装连接说明

POWER/DC   LED   ANT

ACC(yellow)
GND(black)
POWER/B+(red)
V(yellow)
L(white)
R(red)
IR

USB   CVBS   AUDIO_R   AUDIO_L

USB

Y   R   W

Y   R   W

Note：
Yellow terminal：Video output
Red terminal：R-Audio output
White terminal：L-Audio output

Remote Control

POWER   REARCH   MUTE
1   2   3   4
5   6   7   8
9   0   RECALL   TTX
LIST   SUB   CH+   EPG
INFO   VOL-   ENTER   VOL+
AUDIO   MENU   CH-   EXIT

|	
(Power)	Power on/off
SEARCH	Press this button, it will automatically search for channels
MUTE	Audio on/off
0 ~ 9	Choose the channel by these numbers
RECALL	Press this button, it will play the last played program
TTX	Press this buttom, it will play teletext
LIST	Press this button,it will enter the channel list
SUB	Open or close the subtitle
CH+	Channel numbers increase or move up
EPG	Press this button,it will enter the electronic program guide
INFO	Reserve
VOL-	Reduce the volume or move to the left
ENTER	Confirm Options
VOL+	Increase the volume or move to the right
AUDIO	Press this button,switch L-Audio/R-Audio/Stereo
MENU	Press this button,it will enter the main menu
CH-	Channel numbers decrease
EXIT	Press this button,it will return to the previous menu
(red)	Reserve
(green)	Reserve
(yellow)	Reserve
(blue)	Reserve

Auto Search Menu

Press (MENU) , enter the main menu.
. Search Menu：enter search menu；
. Config Menu：enter config menu；
. System Menu：enter system menu.
Press (CH-) or (CH-) choose the option that you
that you want, press (ENTER) to make sure.

Choose "Search Menu",enter the search menu.
. Auto Search：begin full-band search；
. Manual Search：enter the manual search menu
. Antenna Power：Open/close the antenna power
Press (CH-) or (CH-) , choose the option that you want.
Press (ENTER) to make sure.For "Antenna Power",
Press (VOL-) or (VOL-) , open or close the antenna power.
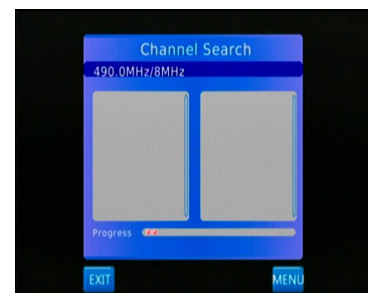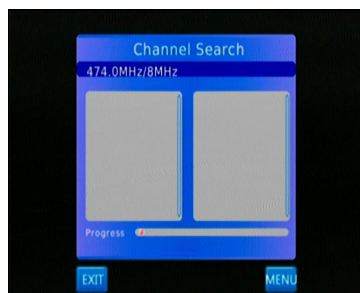
Choose "Auto Search",it will begin search all
of the frequences.
When searching,please wait for finish.
If you want to interrupt the search, press the
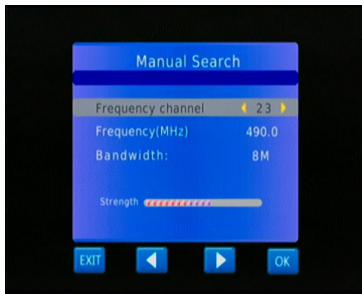button (EXIT) .

When it is searching, it will display the current
frequency and the progress of the search.
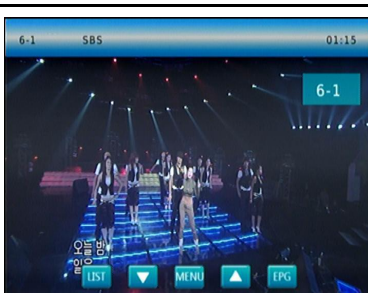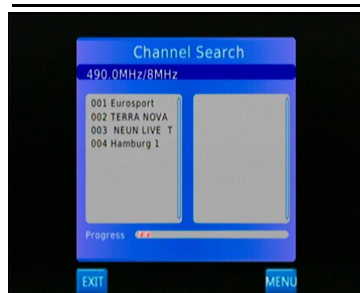
During the search, if the program is received, it
will be displayed in the display field.

When the search is completed, the box will
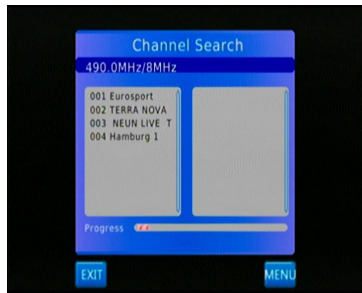automatically play if there is a program.

Manual Search Menu

Choose ″Manual Search″, Press ⓔⓝⓣⓔⓡ to enter the manual search menu.

Press ⓥⓞⓛ or ⓥⓞⓛ ,choose the frequency that you want to search.
Press ⓔⓝⓣⓔⓡ , make sure and begin to search.
Press ⓔⓧⓘⓣ , return to the previous menu.

When you change the frequency，the ″Sterngth″ bar will display the signal level.

During the search, if the program is received, it will be displayed in the display field.

Whether it is auto search or manual search , when the search is completed, the box will automatically play if there is a program.

Config Menu

In the main menu,choose "Config Menu",then press ⓔⓝⓣⓔⓡ to enter the config menu.

In the config menu,there are three options:
（1）Picture
（2）Subtitle Language
（3）OSD language
Press ⓒⓗ+ orⓒⓗ- , choose the option that you want.
If it is the option with left/right arrow, pressⓥⓞⓛ or ⓥⓞⓛ so that change the choice derectly.
If it is the option without arrow,press ⓔⓝⓣⓔⓡ so that enter its operation menu.
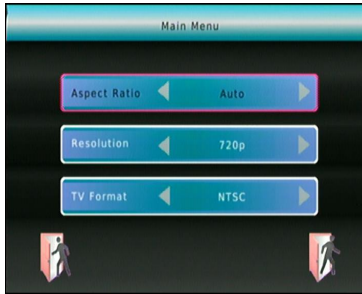
In the″Picture″menu, there are three options:
（1）Aspect Ratio
（2）Resolution
（3）TV Format

The system provides 16:9和4:3 aspect ratio, according your screen size to choose or choose″auto″.
The System can output 480i/480p/576i/576p /720p/1080i/1080p HD video.
TV format contains NTSC and PAL.
Press ⓒⓗ+ or ⓒⓗ- ,choose the option
Press ⓥⓞⓛ and ⓥⓞⓛ to change the setting.

System Menu
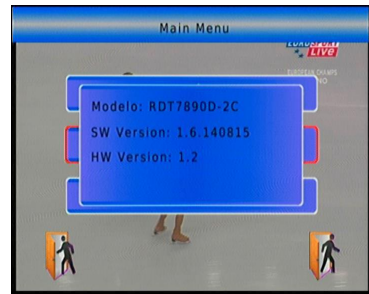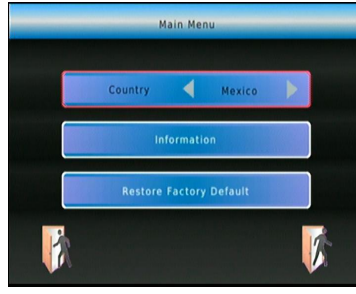

In the main menu , choose "System Menu",and press ⓔⓝⓣⓔⓡ to enter the system menu.
In the system menu ,there are three options:
（1）Country: different country has different frequency range and band width.
（2）Information
（3）Restore Factory Default
Press ⓥⓞⓛ or ⓥⓞⓛ to select the country.
Press ⓒⓗ+ or ⓒⓗ- to choose other options.
Press ⓔⓝⓣⓔⓡ to enter the option.

In the system menu, choose ″Information″, and press ⓔⓝⓣⓔⓡ to enter information menu.

In the information menu,it will display the model name,software version and hardware verdion.

Press ⓔⓧⓘⓣ , return to the previous menu.
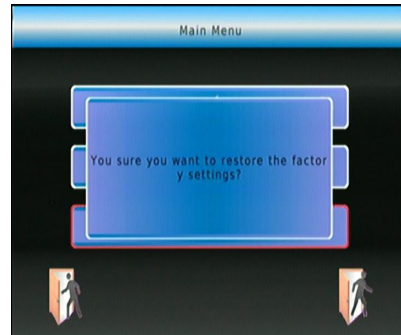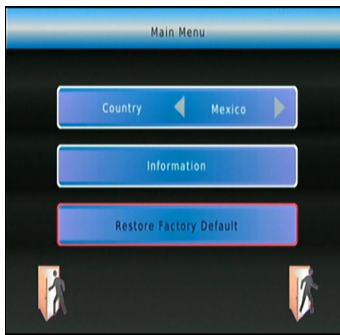
In the system menu , choose″Restore Factory Default″, and press ⓔⓝⓣⓔⓡ to enter restore factory default menu.

In the restore factory default menu, the user will be prompted to really need to restore ?
Press ⓔⓝⓣⓔⓡ , determine to restore factory settings.
Press ⓔⓧⓘⓣ , cancel the operation.

Play Menu

If there is the stored program,the box will play it automatically after finish search or power up.

During playback, press any button, the control panel(like left picture) will appear.

The panel include the operations as bellow：
Press ⓒⓗ+ , change channel whose number increase；
Press ⓒⓗ- , change channel whose number decrease；
Press ⓥⓞⓛ , increase vollume level；
Press ⓥⓞⓛ , decrease vollume level；
Press ⓛⓘⓢⓣ , enter the channel list menu；
Press ⓜⓔⓝⓤ , enter the main menu；
Press ⓔⓟⓖ , enter EPG menu；
Press ⓜⓤⓣⓔ , mute the sound.

EPG Menu
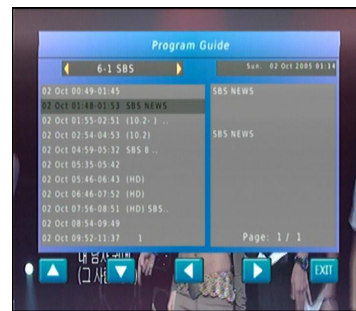
In the play menu, press ⓔⓝⓣⓔⓡ , enter the EPG menu.

In the EPG menu, it will display channel name, date of the program guide, the program schedule and the program introduction.

Press ⓒⓗ+ or ⓒⓗ- , Up or down to switch options；
Press ⓥⓞⓛ or ⓥⓞⓛ , Left or right to switch options；
Press ⓔⓧⓘⓣ , exit the EPG menu.

Volume Adjustment

In the play menu,press (VOL) or (VOL) to enter the volume adjustment menu.

Press (VOL) , increase volume level;
Press (VOL) , decrease volume level.

After the adjustment is completed,it will save the volume automatically after five seconds.

Channel List

In the play menu,press (LIST) to enter the channel list menu.

In the channel list menu,it will display all of the programs that had be saved.

Press (CH-) , move the cursor up；
Press (CH-) , move the cursor down；
Press (ENTER) , play the focus program；
Press (EXIT) , exit the channel list menu.

Technical Parameters

TV System Standard：ATSC
Antenna Input Impedance: 75 ohms
Frequency reception range: VHF 57MHz-213MHz
UHF 470MHz ~ 803MHz
Receiving Sensitivity: $\leqslant-83$dBm
Receiving bandwidth: 8MHz
Acceptable movement speed: 0km / h ~ 150km / h

Input voltage: + 9V ~ + 12V
Total power consumption: $\leqslant2.2$W
Video output: CVBS (PAL)
Audio output: Stereo

Temperature: + 20 ℃ ~ + 70 ℃
Dimensions: 104mm * 80mm * 28mm

Troubleshooting

1、The power led of the box is off?
Please make sure that the universal power cord is properly connected: "BAT +" and "ACC" should be connect to + 12V, "GND" should be grounded.
2、The TV box can not receive the program?
Make sure that the antenna is installed.
3、The remote controller does not control the TV box?
Make sure that the battery has been installed to the remote controller or the remote receiver of the universal power cord is not masked.
4、There are some mosaics when playing?
Make sure the antenna has been placed in the appropriate position according to our request .
5、There is not sound when playing?
Use the remote control's "VOL+" button to adjust the volume to maximum, see whether there is sound or not.
if there is not sound,make sure that the audio output cable has been installed correctly.

If the above method does not solve your problem, please contact our vendors.