Reminder

Un-installation of detachable front panel:

1. Press "Loosen button", light press as the above picture.
2. When press "Loosen button", please use your hand to hold the small front panel in order to avoid the small panel to jump out when too hard press as above picture.
3. The small front panel will jump out as the above picture.

Installation of detachable front panel:

A. From mark A insert to mark B, position as above picture.
B. To hold the upper side of the small panel, and insert to mark B port, position as above picture.
C. To hold the upper side of the small panel and press-in slightly as above picture.

The wire connection of Steering control wheel

A. Please note before installation:
1) The wire of the steering control wheel, KY1, KY2 cannot connect with 12V or over 5V electric current.
2) Before installation please confirm whether there is original steering control wheel in the car.
3) Before installation, please refer to the manual "coil connector" section.
4) KY1 (brown wire) KY2 (white wire) connect with the control wire on the steering control wheel, GND (black wire) connect to the ground.

Steering wheel installation instruction

1) After power switch-on, please touch the "icon on the main UI (F. 1a) and go in as the green arrow on the picture (F. 1b) as below.

Note: switch-off after change to the steering wheel control, it is not necessary to reset when switch-on again! It is not necessary to reset if use the same steering wheel.
GPS insertion and routine setting and language

1. After switch-on, press the "arrow & take off-land-deployed". Then you can see the GPS port as the red-arrow shows on the picture.
2. Put the GPS (mini-SD) card to the right side, point to the GPS card and put as the red-arrow shows on the picture.
3. Insert the mini-SD into the port in the red arrow shows on the picture.
4. Press the "GPS" icon on the main UI, enter the GPS navigation UI as the red arrow shows on the picture.
5. Enter to the GPS UI, touch to "Setting" and go to to the GPS navigation UI (icon) as the red arrow shows on the picture.
6. On GPS navigation UI, touch to "Touch screen adjustment" and go to to the original setting as the red arrow shows on picture.
7. Touch to "navigation" and start after press GPS UI as the red arrow shows on picture.
8. Touch to the "adjust" on main menu and get in, there is + mark on UI. Follow the indication and touch to the + mark in order (A, B, C, D, E) and complete the adjustment. Please touch to the centre position of the + as the red spot showed on the above picture. Otherwise the adjustment cannot be completed.

Touch screen adjustment
User Guide:

Thank you for purchasing our vehicle multi-media series products. Before using, please read the user manual carefully, keep it for your future reference.

To avoid personal injuries or other dangers, please read the User Guide for installation carefully.

This is a set of DVD player fully controlled by the remote control. It integrates many functions, such as title adjustment, FF/FR function, etc. If viewing angle needs to be adjusted, please do not do it with force.

We accept no liability for any product damage caused by the inobservance of the following notice!

1. Avoid water or other liquid getting into the machine.
2. Do not put or install the machine in a wet place or under the direct sunlight. To avoid possible damage, the DVD player should not contact chemicals for a long time. Keep it away from fire or other damage.
3. Change the batteries of remote control regularly to ensure the normal operation. In case of battery leakage, clean it with dry cloth or tissue paper, and change the battery. Do not put batteries on any metal object. Keep the batteries away from children to avoid accidents. Follow the local laws and regulations to use the battery.
4. If LCD display breaks suddenly causing liquid crystal splash, pay attention not to get it on your skin or get into the eyes or mouth. Contact the maintainers to change the TFT as soon as possible. TFT with the same specifications or model should be used.
5. Do not press or scratch the machine with hard objects. To prevent damaging the DVD player, clean the surface with dry cloth or tissue paper, and TFT screen with soft cloth.
6. Cut the power supply as soon as there is any abnormal, and figure out the solutions according to the "Troubleshooting". If problems cannot be settled, please contact the distributor or the local maintenance service.
7. To change the fuse, please use the fuse of the same type (Current level). Using fuse or cable of different types is very dangerous, or may even cause damage.
8. This DVD player supports DVD/VCD/CD/MP3/MP4 format. TV and radio are also supported. Usually, there is very little difference between the volume of TV and radio. For non-ordinary disc, the volume may be different due to the different burning standards. In this situation, please check whether the disc is of ordinary specification. If problems still exist, please contact the supplier for testing.
9. If problems cannot be settled following the "Troubleshooting", do not disassemble or repair the machine without permission, contact the professional maintainer ASAP.

10. To avoid damage, read the specifications and installation instructions carefully before installing, and operate it strictly following the procedures.

11. For detailed installation standards, please follow the local laws and regulations.

**Installing position**

Do not install the DVD player in

a. a position that influences the sight of driver; or
b. a position that influences the operations of steering wheel, gear shift, and brake pedal

Installation:

1. Installation should be done by professional technical personnel.
2. If you try to install the machine by yourself, please follow the installation instructions and wiring diagram in this manual strictly. Improper installation may cause fire.
3. Before installing, shut off or pull out the start-up key. Starting up the engine when installing the machine may cause battery current leakage or short circuit.
4. When installing, make sure not to damage the electronic parts of accumulator and vehicle circuit, or it may cause fire. When drilling hole on vehicle instrument panel, be careful not to damage any parts of the vehicle.
5. Do not use nut or bolt as the safety equipment, such as the turning connecting device and fuel supply or braking system. This may lead to fire or accidents.

**Condensation water**

When environment is changed causing temperature change, the chip optical head of machine will form vapor and mist, which may lead to the failure read of disc. In this case, turn off the machine until it is dried when it can be operated normally.
About LCD:
Do not press the LCD display, or it may cause image distortion or failure. The image may become dark, and the LCD may be damaged.

Notices for LCD Cleaning:
* Clean the display screen gently with soft wet cloth.
* Do not use reagents, such as gas, thinner, detergent or anti-static spray.
* The image may be unclear if the vehicle is stopped in an extreme cold or hot place. This is not the problem of LCD display. The image display will return to normal when the vehicle resumes to ambient temperature.
* A few “light spots” may appear on LCD display, which is acceptable regarding the LCD technology.

About DVD Player:
* Use the ordinary round disc only. Disc in irregular, noncircular, or deformed shape may cause block or failure read. Before playing, check whether the disc is pasted with a label or whether there is any scratch on it. If so, do not use the disc to prevent damage.
* The edge that gets in touch with the disc should not contact the burning surface (without printing surface).
* If disc is not used for the moment, please keep it in disc box.
* Do not expose the disc to direct sunlight or the place with high temperature.
* Do not paste labels, scratch or use chemicals on the disc surface.
* When cleaning the disc, clean it with soft cloth from middle to the edge.
* When using heat sink in cold day, the inside of DVD player may form aqueous vapor that will lead to the DVD player failure. In this case, turn off the DVD player for about one hour to dry it, and wipe the disc with dry soft cloth.
* DVD play may be interrupted in case of strong vibration during the driving.
Safety Notice:

Read all instructions thoroughly before installing. It is recommended that the DVD player be installed by the special car audio shop.

⚠️ This DVD player is applicable to 12-16V vehicle power system. Do not install it on truck with 24V power supply or on bus; otherwise, the DVD player may be damaged.

⚠️ Use the official disc rather than non-standard or bad disc; otherwise, it may lead to failures and influence the service lifetime.

⚠️ Do not change the fuse of power supply or use the improper fuse by yourself without the instructions of profession personnel; otherwise, it may lead to machine damage and cause fire.

⚠️ To avoid violating the traffic laws, and to avoid the unnecessary traffic accidents, one should not watch programs or operate the DVD player during the driving.

For the safety and the normal use of the product, ask the professional personnel of the sales shop to install it for you. To avoid damage to the machine or accidents, do not disassemble or repair it by yourself. For details, please consult the local professional car audio shop.

⚠️ To avoid electric shock caused by short circuit, unnecessary damage, or fire alarm, do not place the machine in wet environment or in the water.

Warm Reminder: To prevent the short circuit, remember to power off the car, and break the connection of ACC and B+ before installing.
Diagram of Panel 03

1. Disc Slot Port
2. Detachable Button
3. Eject
4. Power On/Off
5. MODE
6. Volume+/-/SEL
7. BAND/GPS
8. Mute
9. AUX Input
10. USB Port
11. LCD Touch Screen
12. Remote control sensor
13. Microphone
14. SD Card Slot/GPS Card Slot
15. Digital TV Card Slot
16. Reset Button

1. Push a, then part 0 in the layout will be removed.
2. After removing the panel, insert the detachable panel under the direction of the arrow, and then push the top, fastens, you can install the panels.
Diagram of Remote Control

1. Power Supply
2. Play/Pause
3. Mute
4. Selection Keys
5. BAND/SYS
6. ENTER
7. VOL-/VOL+
8. Radio/Select item/F.F.F.R
9. PROG/Stereo/Mono
10. Music Time Display
11. SEL
12. Replay
13. Random Play (RDM switch)
14. Number Keys
15. AUDIO
16. PBC Menu
17. Subtitle
18. GOTO
19. MODE
20. Stop/Return
21. ANGLE
22. Slow Play
23. Setup Menu
24. TITLE
25. ZOOM

Note: <-> key is used to tune the radio when in radio mode, or select music when in DVD mode.
Main Menu

PAGE1

There is an icon in the upper left of main screen. Click  the screen will dimming, and change to the mode of night. Click  again, the icon will under the mode of dark screen.
Any touch the screen can get back to the normal mode.

Radio

Radio

DVD Play

PAGE2

Video Setup
- Subtitle
- Setting/DVD Background

Menu
- Time display
- Setup

F.F.F.R
- Picture-in-Picture
- Next Page

Play/Pause
- Stop
- Next Page

Vol/Vol
- Back
- System Setup

Next Page
- Clock Setup

Audio Setup

In DVD mode, when you see a picture you like, you can click icon  to save the picture. After that, the picture can be set as the start-up picture. As the DVD player is restarted, this picture will be shown when reading the disc. It can stored 5ps capture image.

2. In DVD/USB/SD/POLL/AUX video mode, press the picture and the setup interface as above will be shown, you can then set the settings as demanded. It will turn to full screen display if there is no operation within 10 seconds, or if you press the picture again.

3. Picture’s angle can be adjusted upward, downward, leftward, or rightward using angle adjusting keys.

Picture-in-Picture

Touch the icon of Picture-in-Picture, then the interface will show picture in picture at DVD/USB/SD/TV/AUX/GPS/FM radio/DVB-T state. You can touch the direction of the screen interface, as such: 1. Up the left/rightico, one quarter of GUI will be showed. 2. Down the left/right ico. Another one quarter of GUI will be showed. 3. Left/right ico. Half of GUI will be showed.
GPS Navigation Operation

1. Select GPS in main interface
2. Enter the GPS interface as below:
3. Click "Setup", the interface will be shown as below:
4. Click "Navigation Setup", and then a prompt is shown asking for setting the path.
5. Click saving icon, and select the corresponding path to start the program
6. Complete and save the setup
7. Back to main interface (as shown in Picture 1)

8. Re-enter the GPS interface:

9. Click "Navigation" to start using the map
Note:
In GPS mode, press the upper left screen for 3 seconds, or press GPS key to exit GPS. The detailed position shows the position of picture frame.
Bluetooth

Please note the several following points before reading the Bluetooth operating instructions:
1. Bluetooth is optional. You can use this function only when the product you purchased contains the Bluetooth.
2. To connect the mobile phone Bluetooth, enter “Bluetooth” panel and press (Match) button to match.
3. After the successful match, the Bluetooth picture will turn to .
4. Default matching password is 0000.

Phone book

Bluetooth music

You can control the IPOD player to see the video from it!
The using methods of steering wheel control and the notices are as follows:
1. Before installing, make sure whether there is steering wheel control.
2. Refer to “Wiring diagram” in user manual before installing.
3. Do not connect the control line (brown line, white line, and black line) of steering wheel to 12V or 5V+ power supply. The KY1 (brown line) and KY2 (white line) should be connected to the control line of the steering wheel, and the GND (black line) should be grounded.

Using methods:
After the line is well connected, press and hold the car key (such as +, -) on which want to set functions, and then press the function key (such as Mute) on the DVD player to complete. Other key functions could be done following this way.

Car Logo setup

When you have selected your favorite car emblem, it will be shown when the DVD player is restarted.

Advanced Operations

1. Menu Selection
   Press ← → ↑ ↓ to select the desired menu and then press OK key or ◄ to confirm.

2. Band/System Selection
   In RADIO mode, you can press ◄ to select the receiving band.
   In DVD mode, you can press ◄ to select AUTO/NTSC system or long press it to select the channel function.

3. VOL+/VOL-
   Press VOL+ or VOL- to turn up or turn down the volume.

4. Tune/Select Item/FF/FR
   In RADIO mode, you can press ◄ or ◄ key continually to scan the radio channel backward or forward manually. Long press ◄ or ◄ key, and the radio will scan or pop up automatically.
   In Disc playing mode, long press ◄ or ◄ key to skip to your desired music fast forward/backward. Pressing these keys allows you to select your desired music.

5. Programming Play
   In CD/VCD mode, you can set the sequential programming play following the steps below: Press PBC first, and press ◄ until the TV shows P00:00, you can then press (0-10+) key to set the sequential programming play; after that, you can press ◄ to start playing.

   Note: There is no such function in MP3 play.

6. Screen Display
   In CD/VCD mode, when you press ◄ the screen will show the time elapsed of a single music, time remaining of a single music and the entire duration of the disc, music elapsed, and the contents of a disc.

   Note: In MP3 mode, it only shows the time elapsed of a single music.

   3) Use ◄ to select the preferred items

   4) Press ENTER

7. Volume/Bass/Treble/Balance/Fader
   Press ◄ continually to select your desired mode:
8. Cycle Play/Auto Memory Scanning
In DVD mode, you can press (AUTO PLAY) to play the music, and press it for the second time to repeat all music, and then press it again to cancel the cycle play (the screen will show different images).
In CD/MP3/CD mode, you can press (AUTO PLAY) to repeat the current music, and press it again to cancel the cycle play.
Note: 1. In VCD/CD mode, the default mode is to play all music circularly.
2. In RADIO mode, you can press (AUTO PLAY) to scan and save each radio channel for 10 seconds.

9. Random Play
In Disc playing mode, press (RANDOM) to play any music randomly.
Note: There is no random play function in DVD mode.

10. Number key
In RADIO mode, you can press any number (0-10) to select one of six radio channels in each band.
In disc playing mode, you can press number keys (number 0-10+) to select any music of the disc. For example, if you want to play the 10th music, you just need to enter number 10.
Note: Number key is not available when in PBC mode.

11. Mono (Left/Right) / Stereoe Selection
In disc playing mode, you can press (MONO) continuously to select the mono (Left/Right) /Stereo.
Note: In respect of the surround mode, there are five kinds of different surrounding effects. In VCD mode, you can see different image indicating effects.

12. PBC Playing (Menu)
In VCD mode only, press (PBC) for the first time, and the PCB play will be started.

The disc menu is shown on the screen; you just need to enter the number of your desired music. During the music play, if you want to change for the other music, you can just press (PBC) to return to menu, and press PBC again to cancel the PCB play.

13. Subtitle Selection
In DVD mode, you can press (SUB) to select Chinese or English subtitles.

14. CD Playing Time Setup
In VCD/CD mode, you can press (GOTO) during the music play to set the playing time of the chapter of music. The time on the screen will be displayed as: you can press number keys (0-10) to enter the desired time. For example, when you enter 25:00 and press (ENTER), the DVD player will play the music from the 25th minute automatically.
In DVD mode, you can press (GOTO) and enter the number of your desired music, and then press ENTER to start playing from the selected music.
Note: This function is not available in MP3 mode.

15. Mode Switching
Press MODE to switch the mode between RADIO and DISC.

16. Stop Playing
In DVD mode, you can press (STOP) to pause, and press it again to stop the playing.

17. Angle Button
In DVD mode, you can press (ANGLE) to see the DVD from different angles.
Note: Some DVD disks do not support this function, and so do MP3, VCD, and CD playing.

18. Slow Reverse/Slow Forward
In DVD/CD playing mode, you can press (SLOW) once to play at 1/2 slow forward rate (1/3 slow forward, the third time: 1/4 slow forward, the fourth time: 1/5 slow reverse; the fifth time: 1/6 slow reverse, the sixth time: 1/7 slow reverse, and the seventh time: return to normal).
Note: There is no such function in MP3/CD mode.

19. Setup
1) Press (SETUP) on the remote control in stop mode (Press twice to ensure that the DVD player is in stop mode).
2) The main interface of setup menu is shown as follows:

3) Press to select the preferred items
4) Then, press (ENTER)
I. System Setup
It includes all items, such as TV SYSTEM, Screen Saver, TV TYPE, PASSWORD, RATING, and DEFAULT. For details, please see the system setup menu.

II. Language Setup
It includes all items of the language setup for the screen display menu. For details, please see language setup menu.

III. Audio Setup
It includes all items concerning the audio. For details, please see audio setup menu.

IV. Video Setup
It includes all items concerning the video. For details, please see video setup menu.

V. Digital Setup
It includes all items concerning the digital settings. For details, please see digital setup menu.

I. System Setup

A. TV System

This DVD player can play compact disc of PAL or NTSC format. Choose NTSC or PAL format according to your TV system.

B. AUTO PLAY

C. VIDEO

D. TV TYPE

1. 4:3 flat scanning
   Played in flat scanning type (The left and right edges are cut away if it is connected to wide display).
2. 4:3 mailbox
   Played in mail box type (Black bars may appear on upper and bottom screen if it is connected to wide display).
3. 16:9
   Select this type when you are connected to wide screen TV.

d. Password

E. Password
You can change your password by entering the old password (default password is 0000) and your desired 4-digit new password, and then re-enter the new password to confirm.

**F. Rating**

Select the proper rating with the cursor, and press ENTER key to confirm.

1: [Children] Suitable for all children
2: [G] Suitable for people of all age groups
3: [PG] Parental guidance is required
4: [PG13] Children under 13 years old are forbidden
5: [PG-R] Suitable for DVD disc imprinted with "PG-R"
6: [R] Suitable for children under 17 years old with parental guidance
7: [NC-17] Children under 17 years old are forbidden
8: [Adult] Suitable for all adults

**G. Default**

**II. Language Setup**

Press key to select the preferred OSD language, audio language, subtitle language, and menu language.

**A. OSD language**

**B. Audio language**
C. Subtitle language

SPDIF/OFF
All analog and optical fiber signals

SPDIF/RAW
When the disc is burnt with Dolby Digital, DTS, or MPEG, the connected amplifier should have the corresponding decoding functions.

SPDIF/PCM
Select this option when the DVD player is connected with dual sound track, or digital stereo amplifier, and when the disc is burnt with Dolby Digital or MPEG. The analog or optical fiber output will be converted by PCM to dual sound track output.

Note: This model of DVD player is not provided with this function.

D. Menu language

B. Tuning

C. Select Logo

This is to activate audio output from SPDIF/OFF to SPDIF/RAW or SPDIF/PCM.

when you press the direction button, you can select the capture image as the DVD open picture.
20. Title

When you press →→→→ TITLT in DVD or VCD playing mode, all music titles are listed on screen. You can press ← to select the number of your desired music and press ENTER or to play.

Note: 1. there is no title display function in MP3/CD mode
2. Press TITLE to select your desired music or movie

21. ZOOM

In DVD or VCD mode, you can press ZOOM once to zoom at 1.5X rate (twice: 3X; the third time: 1/2X; the fourth time: 1/3X; and the fifth time: 1/4X).

Note: This function is not available in CD/MP3 playing mode.
Wiring Diagram (6.0/6.2 inch)

Digital TV antenna
Radio antenna
IPD

Steering wheel wire: Black, Red
TV antenna

Brown: KY1 (optional)
GND (optional)
KY2 (optional)

The steering wheel control wire KY1 and KY2 control
be connected to 12V power supply

Yellow: Rear speaker wire, orange
Black: Rear speaker wire, grey
Green: Rearview

Brown: AUX audio input
Red to White

White: Left front speaker
Black: White

Purple: Right front speaker
Green: White

Note: to show image on screen when driving, connect BRAKE-IN wire (Pink) to GND

22
## Troubleshooting

<table>
<thead>
<tr>
<th>Failure</th>
<th>Reason</th>
<th>Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVD player is not electrified</td>
<td>Wire is not properly connected</td>
<td>Check whether it is properly connected</td>
</tr>
<tr>
<td></td>
<td>The fuse is melted</td>
<td>Check whether the fuse is burnt; if so, change for a new one with the same</td>
</tr>
<tr>
<td></td>
<td>Internal processor does not work due</td>
<td>specification in time</td>
</tr>
<tr>
<td></td>
<td>to the noise or other factors</td>
<td>Press the Reset button to restore the settings to default</td>
</tr>
<tr>
<td>Remote control does not work</td>
<td>Low battery</td>
<td>Change for a new battery</td>
</tr>
<tr>
<td>The disc cannot be played</td>
<td>The disc is dirty</td>
<td>Clean or change the disc</td>
</tr>
<tr>
<td></td>
<td>The disc inserted is not supported</td>
<td>Check the type of disc</td>
</tr>
<tr>
<td>No sound</td>
<td>Tail line is not properly connected</td>
<td>Connect the tail line properly</td>
</tr>
<tr>
<td>No image</td>
<td>The brake cable is not grounded</td>
<td>Ground the brake cable</td>
</tr>
<tr>
<td>The disc cannot be played</td>
<td>The disc is bad or damaged</td>
<td>Change for a quality disc</td>
</tr>
<tr>
<td>The disc cannot be played, with</td>
<td>Parental control function is enabled</td>
<td>Disable the parental control or change the rating settings</td>
</tr>
<tr>
<td>parental control info on screen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subtitle language cannot be changed</td>
<td>The DVD disc does not contain multi-languages</td>
<td>Change for a disc with multi-language</td>
</tr>
<tr>
<td>Touch screen does not work, or it is deviated</td>
<td>Operation disorder</td>
<td>Press &quot;Calibration&quot; in the main menu in standby mode, and press &quot;Yes&quot;. A cross cursor will appear. Then, just click the cursor sequentially.</td>
</tr>
<tr>
<td>Specification</td>
<td>General</td>
<td>Audio</td>
</tr>
<tr>
<td>--------------------</td>
<td>----------------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>Power supply</td>
<td>14.4VDC</td>
<td>4.8VDC</td>
</tr>
<tr>
<td>Load resistance</td>
<td>4.0 ohm</td>
<td>4.0 ohm</td>
</tr>
<tr>
<td>Maximum power output</td>
<td>60W/m4</td>
<td>60W/m4</td>
</tr>
<tr>
<td>Sound quality control</td>
<td>approx. 2.5kHz</td>
<td>approx. 2.5kHz</td>
</tr>
<tr>
<td>Weight</td>
<td>approx. 2.5kg</td>
<td>approx. 2.5kg</td>
</tr>
<tr>
<td>7.0 inch speaker</td>
<td>Installation diameter</td>
<td>Installation diameter</td>
</tr>
<tr>
<td>Diameter</td>
<td>approx. 163.4 x 178.9 x 100.1 x</td>
<td>approx. 163.4 x 178.9 x</td>
</tr>
<tr>
<td></td>
<td>100.1 x 100.1 x 100.1 x (W x H x</td>
<td>100.1 x 100.1 x 100.1 x</td>
</tr>
<tr>
<td>DVD</td>
<td>Disc capacity</td>
<td>Disc capacity</td>
</tr>
<tr>
<td></td>
<td>DVD: 1.8GB or 2.0GB</td>
<td>DVD: 1.8GB or 2.0GB</td>
</tr>
<tr>
<td></td>
<td>Video output</td>
<td>Video output</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1. Introduction

This DVB-T receiver is fully compatible with the international DVB-T standard and thus transmits digital images, sounds, and information directly to your TV through the terrestrial Loop Antenna. No longer do you have to watch TV in your office as you use the Hybrid Search function. The hybrid search mode is provided. This receiver is very modern and supports different languages. All functions can be carried out through the remote control. The menu is very user-friendly and easy to use. The functions are designed to be easily accessible. The software memory allows the functions of the slim module.

1.1 Features

- Auto/manual search
- Support for all European languages
- Auto-saving channel
- Support for high-speed mobility
- HDMI
- Composite video input
- Audio output:
  - Stereo
  - Digital Audio
- Support for PAL, NTSC, SECAM, S-VHS
- VHF/UHF/CATV tuning
- PNN/DVB/RF/USB/Mobile TV/Hand-held applications

2. Search channel

If your DVB-T receiver is connected to the serial and television, you can automatically search channels without entering any other information. It is because no channel storage search, you can set up search mode and the country.

- Press the [ ] button to enter the main menu interface. Four small screens, that were installed.

- System Channel List and Preferences, press the [ ] button to select the icon to be changed. The icon was grayed out the highlighted (Figure 2.1 A). We selected to install the icon and press the [ ] button to install the interface again. The hybrid search and search channel (Figure 2.1 A).
b) Press the \[Figure 2.3\] button to select next menu, press the \[Figure 2.3 A\] button to return the main menu, press the \[Figure 2.3 A\] button to exit the menu interface.

c) Use the \[Figure 2.3\] / \[Figure 2.3 A\] button to select menu items from top to bottom, press \[Figure 2.3 A\] button to confirm the current operation.

2.1 Country Setting

You can set the country for Menu. Default country is England.

1. Enter to the installation menu.
2. Press the \[Figure 2.4\] button to display the available Country List.
3. Select your desired country using the \[Figure 2.4 A\] button, and press the \[Figure 2.4 A\] button to confirm (Figure 2.4 show)

2.2 Automatic Search

a) Use the \[Figure 2.4\] button to select automatic search, and press the \[Figure 2.4 A\] button, into the automatic search interface. Wait while the receiver searches for the channels, it may take a few minutes. (Figure 2.4 show)

b) In automatic search period, the progress indicated in search progress indication, in search period, if will press the \[Figure 2.4 A\] key operation to pause, press \[Figure 2.4 A\] button to select Save button and exit.

c) If search operation is successfully completed, and the channel does not exist, press the \[Figure 2.4 A\] button to select Exit and try to reset the search operation again if necessary.

d) The auto search will complete the program which the automatic demonstration will search in the left side program tabulation, please choose save and exit menu.

2.3 Manual Search

a) Press the \[Figure 2.4\] button and use \[Figure 2.4 A\] button to select Manual Search, enter manual search interface.

b) You can use \[Figure 2.4 A\] button to select channel and frequency, press the \[Figure 2.4 A\] button to enter, you can

using \[Figure 2.4 A\] button to change channel and frequency. (Figure 2.6 show)

c) Use the \[Figure 2.4 A\] button to select search button, press the \[Figure 2.4 A\] button to search.

d) When completing Channel Search, press the \[Figure 2.4 A\] button can automatic to save the changes and display program.

Remark

Objects Please wait for finishing the Channel Search. If you want to stop the Channel Search, press the \[Figure 2.5\] button. If the Channel Search is stopped or finished, then press the \[Figure 2.5 A\] button, the result of Channel Search is automatic saved and display the channels program.

If search operation is successfully completed, and the channel does not exist, press the \[Figure 2.5 A\] button and try to reset the search operation again if necessary. When completing Channel Search, the Channels automatic save to changes. You can easily set-up using simple organization and options, and watch the broadcasting after completing the set-up procedure.

Press the \[Figure 2.5 A\] button to save the previous input information and exit the installation wizard when running the installation wizard. If you exit the install wizard without fully completing the setting procedures, you may not watch any broadcasting normally. In this case, you can use the Installation Menu to configure your receiver as you like.

2.4 Reset Default

1. Enter the installation menu

2. Press \[Figure 2.6\] \[Figure 2.6 A\] button to select reset default, and press the \[Figure 2.6 A\] button to confirm

3. Using the \[Figure 2.7\] (Figure 2.7 show) \[Figure 2.7 A\] (Figure 2.7 show) \[Figure 2.7 A\] (Figure 2.7 show) \[Figure 2.7 A\] (Figure 2.7 A show) button to select Yes or No, and press the \[Figure 2.7 A\] button to confirm. Select Yes to restore all setting to Factory Default. Select No to return to System. (Figure 2.7 A show)

4. Reset default menu of restore all setting to Factory Default, please note you to restore a time default data to be able to delete, for example: Channel, menu, installation and so on.
2.5 Search shortcut way

a) The first press search channel shortcut into the Language Interface, press \[\text{left}, \text{right}, \text{up}, \text{down}\] button to select Language menu. (Figure 2.8 show)
b) The second press search channel shortcut into the country Interface, press \[\text{left}, \text{right}, \text{up}, \text{down}\] button to confirm select country. (Figure 2.4 show)
c) The third press search channel shortcut reset Interface (Figure 2.7 show), press \[\text{left}, \text{right}, \text{up}, \text{down}\] button to confirm one.
d) The fourth press search button into automatic interface and search channel. The back of the parade with the above-mentioned. (Figure 2.6 show)

3. Basic Operation

This chapter describes functions such as switching channel, volume control, and basic features for watching programs.

4. Preferences setting

- Remark:
  a) You can set the language for Menu/Video/Audio/other. Default language is English.
  b) Pressing the \[\text{left}, \text{right}, \text{up}, \text{down}\] button to enter the main menu.
  c) Pressing the \[\text{left}, \text{right}, \text{up}, \text{down}\] button to select preferences setting, using the \[\text{left}, \text{right}, \text{up}, \text{down}\] button to enter preferences setting.

4.1 Language setting

a) Press the \[\text{left}, \text{right}, \text{up}, \text{down}\] button to select Language setting. (Figure 4.1 show)
b) Press the \[\text{left}, \text{right}, \text{up}, \text{down}\] button to display the available Language List. (Figure 4.2 show)
c) Press the \[\text{left}, \text{right}, \text{up}, \text{down}\] button that language choice needs, use the \[\text{left}, \text{right}, \text{up}, \text{down}\] button to confirm and exit

4.2 A/V Control

a) Press Menu button to select preferences.
b) Use the \[\text{left}, \text{right}, \text{up}, \text{down}\] button to select A/V control, press the \[\text{left}, \text{right}, \text{up}, \text{down}\] button to display option.
c) Use the \[\text{left}, \text{right}, \text{up}, \text{down}\] button to select then you can change Video output system/Audio output/Screen Ratio/Display format, press the \[\text{left}, \text{right}, \text{up}, \text{down}\] button to confirm, press the \[\text{left}, \text{right}, \text{up}, \text{down}\] button to exit. (Figure 4.3 show)

4.3 Personal Style

a) Press Menu button to select preferences;
b) Use the \[\text{left}, \text{right}, \text{up}, \text{down}\] button to select other setting, press the \[\text{left}, \text{right}, \text{up}, \text{down}\] to display option;
c) Use the \[\text{left}, \text{right}, \text{up}, \text{down}\] button to set. OSD display time, menu transparency and colour, press the \[\text{left}, \text{right}, \text{up}, \text{down}\] to revise, press the \[\text{left}, \text{right}, \text{up}, \text{down}\] to exit. (Figure 4.4 show)
5. System Setting

Remark:
a) You can see the situation and signal status;
b) Press the [Menu] button to enter the main menu interface;
c) Press the [ ] button to select system menu, press the [ ] button to enter menu. (Figure 5.1 show)

5.1 Display System Situation

a) Enter the system parameter menu; press the [ ] button to select system menu, press the [ ] button to enter system menu.
b) Press the [ ] button to select system situation menu;
c) Press the [ ] button to confirm., The screen will display the current system status (Figure 5.2 show)

5.2 Display signal status

a) In the menu system used the [ ] button to select signal status menu;
b) Press the [ ] button to display the signal status display menu

c) The first line shows the signal strength, and the second line shows the signal quality of the state. (Figure 5.3 show)

6. Channels List

Remark:
a) Channel list menu can be set up and edit channels like Channel;
b) Select channel list icon, press the [ ] button to display the interface. (Figure 6.1 show);

6.1 Edit channels

a) Into the channel menu list;
b) Press the [ ] button to select edit menu channel, using the [ ] button to set the interface channel(Figure 6.2 show);
c) Red button is locked, is the key to unlock the green, yellow button is removed, the blue button is editing. The panel button to lock the corresponding colors / unlock / Delete / editor, and other functions;

6.2 Edit Favorite Channels List

a) Enter the favorite channels list menu;
b) Press the [ ] button to Select the favorite channels menu, use the [ ] button to into the favorite interface channel(Figure 6.3 show);

c) Use the [ ] button to select TV or favorite list, Press [ ] to exit.
6.3 Operation favorite channel list

When you have added some channels to Favorite list, then exit press Menu and button Press  .

button change to RADIO/TV or favorite channels list. In the list of favorite programs and TV channels in the list, using button and button change to channel. (Figure 6.4 show)

| Figure 6.4 | Figure 6.4 A |

7. Menu Map

<table>
<thead>
<tr>
<th>Installation</th>
<th>Country setting</th>
<th>Your country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic Search</td>
<td></td>
<td>ENGLAND, GERMANY, FRANCE, ITALY, SPAIN, TURKEY, PORTUGAL, GREECE, RUSSIA, CZECH REPUBLIC, THAILAND, CHINA, HOLLAND, AUSTRIA</td>
</tr>
<tr>
<td>Manual Search</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reset Default</td>
<td>OK</td>
<td></td>
</tr>
<tr>
<td>Cancel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>System</th>
<th>System Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal Status</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Channel List</th>
<th>Edit Channels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Favorite Channels</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Preferences</th>
<th>Menu Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language Setting</td>
<td></td>
</tr>
<tr>
<td>Audio Language</td>
<td></td>
</tr>
<tr>
<td>Subtitle Language</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TV Type</th>
<th>NTSCPAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video Output</td>
<td>Stereo/Mono</td>
</tr>
<tr>
<td>Screen Ratio</td>
<td>4:3/16:9</td>
</tr>
<tr>
<td>Display Format</td>
<td>Auto/ Letter Box/ Center Mode</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>A/V Control</th>
<th>Display Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display Time</td>
<td>1/35/50/1/1,50/1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Personal Style</th>
<th>OSD transparency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display Time</td>
<td>Disable/5/5/75</td>
</tr>
<tr>
<td>Palatte</td>
<td></td>
</tr>
</tbody>
</table>
8. Trouble Shooting

If the product does not work normally after completing the following trouble shooting, please contact your local product distributor or service centre.

<table>
<thead>
<tr>
<th>Error message</th>
<th>Possible causes</th>
<th>What to do</th>
</tr>
</thead>
<tbody>
<tr>
<td>No or bad signal</td>
<td>The aerial is not pointing properly.</td>
<td>Adjust aerial. Check the cable from the aerial. If you cannot resolve the problem you may need to have your aerial and installation tested by a professional.</td>
</tr>
<tr>
<td>The channel is scrambled or not available.</td>
<td>The channel has signal, but no audio or video.</td>
<td>Confirm if the channel is currently on air.</td>
</tr>
<tr>
<td></td>
<td>The channel is not defined by broadcasting company.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>The channel is for data broadcasting.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cannot watch the channel in usual way.</td>
<td></td>
</tr>
<tr>
<td>The channel is scrambled.</td>
<td>This digital terrestrial receiver does not support the service that enables to descramble the scrambled channels.</td>
<td>Press the RED button to confirm if the channel has audio.</td>
</tr>
<tr>
<td>The audio is not available.</td>
<td>The channel has signal, but no Audio.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Replace antenna.</td>
<td></td>
</tr>
<tr>
<td>The antenna cable is short-circuited.</td>
<td>Antenna cable is short-circuited.</td>
<td>Replace the aerial; contact local service centre if it is damaged.</td>
</tr>
<tr>
<td></td>
<td>Antenna is internally short-circuited.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Antenna is part is inserted by alien substance or damaged.</td>
<td></td>
</tr>
</tbody>
</table>