Welcome!

Thank you for purchasing our company multimedia player! To operate the unit correctly, please read the owner’s manual carefully before using the unit. Keep these instructions and retain this booklet for future reference.

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Main Function Description

1. 6.2/7inch Digital color TFT-LCD and 3D dynamic revloving interface
2. Physical Resolution: 800*480 RGB, Brightness: 350Cd/cm²
3. Double-Floor touchscreen: the second floor of touch screen (RGB) from the main interface and the bottom, and with Graphical User Interface
4. Motoized slide down or Fixed front panel.
6. Built-in AM / FM / RDS receiver system 30 stations memory (18 FM & 12 AM)
7. PAL / NTSC color system.
8. Auto store & preset scan.
9. On screen display operation menu.
11. LO/DX & ST/MO selector.
13. Repeat random/intro.
14. Clock function.
15. Mute control.
17. USB/SD/MMC interface.
18. 45W * 4 high power output.
19. Audio input & output, Video input & output.
20. Rear camera input, Parking video input.
21. PIP (PICTURE IN PICTURE) function
22. Built-in GPS Navigation system with CE 6.0 operation system.
23. Support connected the Fifth Gen IPOD, and Support touch control.
25. Built-in Bluetooth 2.0 function, support Direct Dialing, Caller ID, Phone book (20 groups common phone number), BT Music etc.
26. Dual-Zone Function (the front mainframe and the headrest monitor in back side can can play different program in the same time, such as Radio, TV, Multimedia, CDC, IPOD, AUX etc. )
27. Universal steering wheel control: with steering wheel control keys connected DVD features, can connect to any car DVD steering wheel controller.
Front Panel Operation

1. MUTE (or MUTE/SEL): Long press it into turn off TFT, then press it again can turn on TFT.
2. NAVI:
   a) Short press the key to switch between current play state and navigation (press the key to enter navigation, press the key for another time to exit navigation).
   b) Long press the key to turn on/off voice intervening play function of navigation under other states
3. PWR/MOD: Long press it into turn on/off power, Short press it into switch mode
4. DBAS: Press it into sub-woofer, press it again to turn off sub-woofer
5. MBP: audio L/R sound switch

Remark: Click the central area on the above or below the panel can adjust the angle of the panel, when on radio, bluetooth, ipod, dvd, aux, tv mode.

Remote Control

1. POWER: Press it to Power switch on/off power key
2. TIME: Press once to turn on the time display and turn it again to turn off the display
3. MENU: Enter primary interface of the system
4. OPEN: press this key for ejecting/suctioning disc
5. TITLE/PBC: Press to return to title status the during DVD Playback/switch on/off PBC menu
6. 0-9: To input digits when selecting track/station and to select disc number in CDC mode
7. DISPLAY: Press to display the playback status of the current disc
8. SETUP: Access setup menu to setup the parameter in DVD mode
9. L/R: Press to cycle switching audio channel output in DVD mode
10. 10+: Press to add every time when inputting digits
11. UP/DOWN,LEFT/RIGHT: To select items in DVD setup status
12. ENTER: To confirm the selection of settings
13. MODE: Press to cycle selecting DVD, Radio, CDC, TV, AV, BLUETOOTH, IPOD, GPS mode
14. OSD: Press to display OSD menu, press again to cancel it
15. MUTE: Long press it into turn off TFT, then press it again can turn on TFT.
16. LCD ANGLE +/-: Press it to adjust the TFT panel display angle
17. SEARCH: Search whole band/TV channels in AM/FM/TV mode
18. PREVIOUS: Press once to skip to previous track in DVD or CDC mode, or skip the previous station in FM, AM, or TV mode
19. REPEAT: Press to repeat track, chapter, all disc or cancel repeat in DVD mode

Main Interface Introduction

1. Radio mode touch button
2. DVD touch button (when disc inside then the button can be effect)
3. USB/SD touch button (when DVD/USB/SD card insert then the button (MODE) can be effect)
4. GPS touch button (when GPS connected then the button can be normal used)
5. Power on/off touch button, touch once will power off.
6. TV receiver touch button
7. User general setup touch button, please do not setup inner parameter so that its will affect the using effect.
8. AUX Output touch button
9. User normal setup touch button, which mainly used for setting image and sound effect.
10. Screen slide up touch button
11. Bluetooth function touch button, when Bluetooth function available for the unit then the button can be normal used.
12. Screen slide down touch button
13. CDC/DVD function touch button, when CDC connected then the button can be used.
14. Eject touch button, insert or eject disc when DVD playing.
15. IPOD button, insert or eject disc when IPOD playing.
System Setting

Click **Setting** icon on the Main Menu can enter the system setting.

1. **Video Setting** (Diagram 2)
   - Click **Video Setting** icon on the Setting interface can enter the Video setting interface, then can adjust Contrast, Brightness, Sharpness, Hue, Saturation, and also can click **Default** icon return back to the system default of factory preset, or click **Exit** icon return back to the full-screen playback status, or click **Return** icon return back to the previous menu interface.

2. **Audio Setting** (Diagram 3)
   - Click **Audio Setting** icon on the Setting interface can enter the Audio setting interface, then can adjust EQ, Treble, Bass, Surround, Loud, and also can click **Default** icon return back to the system default of factory preset, or click **Exit** icon return back to the full-screen playback status, or click **Return** icon return back to the previous menu interface.

3. **Time Setting** (Diagram 4)
   - Click **Time Setting** icon on the Setting interface can enter the Time setting interface, then can adjust EQ, Treble, Bass, Surround, Loud, and click **Exit** icon return back to the full-screen playback status, or click **Return** icon return back to the previous menu interface.

4. **System Setting** (Diagram 5)
   - Click **System Setting** icon on the Setting interface can enter the Audio setting interface, then can adjust Menu Language, Rear Camera, Rear Camera Mirror, Beep, Touch Check (Touchscreen sensitivity adjustment), and click **Exit** icon return back to the full-screen playback status, or click **Return** icon return back to the previous menu interface.

5. **Zone Setting** (Diagram 6)
   - Click **Zone Setting** icon on the Setting interface can enter the Audio setting interface, then can adjust Zone, Rear Source, Audio Source, NAVI, NAVI Background sound, and click **Exit** icon return back to the full-screen playback status, or click **Return** icon return back to the previous menu interface.

Click **Rear Source** icon on the Setting interface, then click or icon to select rear source: DVD, Radio, TV etc. Zone divided single-zone and dual-zone. If you select dual-zone can enter PIP function, and can be realized before and after the station video/audio separation.

Powerful PIP Operation

One: PIP In Radio/BT Music/IPOD MODE

1. Click **Setting** icon into setting interface, then click **Zone Setting** icon into Zone Setting.

2. Change Zone function: **Single zone** to **Multiple zone**.

3. Then change Rear Source function to TV, DVD, IPOD, CDC or AUX.

4. Then click **Area** (Diagram 3), first display GPS, click again can show PIP program.

Two: PIP In GPS MODE (optional item)

1. First click top middle area above the panel, then show PIP option function program on the left side on the screen (Diagram: **PIP MENU**), then click option to PIP program, and PIP play videos can move to any position.

2. If you want to turn off PIP function, click top middle area above the panel, then show PIP option function program on the left side on the screen (Diagram: **PIP MENU**), then click PIP to turn off PIP show.

Store Radio Station

**Radio Screen:**

1. Click **Radio** on the Main Menu can enter the Radio function.

2. The machine Radio function have 5 bands: FM1, FM2, FM3, AM1, AM2. Each band can be stored six radio stations, total 30 stations.

3. **Radio operation:**

   **2.1:** FM: Press the Band icon can be switch between FM1, FM2, FM3. AM: Press the Band icon can be switch between AM1, AM2.

   **2.2:** Search Radio: Click or icon can be automatically search the radio band, and will be auto save the searched band, then return to the first radio stations.

   **2.3:** Select station: click or icon to adjust, when indicates the corresponding frequencies then will be play.

**2.4:** Fine-tuning function: click or icon, up or down automatically search for the best radio frequency when the current, so to receive the best results.

**2.5:** Click **Area** can control Dual-Zone play, enter PIP function.
**RDS Operation**
1. Press this button to choose radio channels' name, pls refer to details user manual
2. Press PTY, when PTY is on, it means there is strong RDS signals output.
3. Press TA, when TA is on, it means the unit is automatically track RDS radio channels.

**IPOD Operation**
Press MODE button to enter IPOD mode.
1. Touch PLAY button to play the media.
2. Touch I<< button to upward select the track.
3. Touch >>I button to downward select the track.
4. Press STOP once to stop playback.
5. Click Area ① can control Dual-Zone play, enter PIP function.

**AUX-IN Operation**
Press MODE button to enter AUX mode.

**Bluetooth Operation**

**Create Bluetooth Bond:**
1. Power on and touch BLUE on the screen.
2. Use your mobile phone and turn on the Bluetooth, search the Bluetooth device.
3. The device list (such as CAR KIT) will display on your mobile phone after searching successfully.
4. Create a Bluetooth bond with the unit. Create password key four zero ("0000")
5. OK LINK will display on the unit after bonding successfully.

**Bluetooth operating:**

A. Bluetooth Music Operating:
1. When you Pairing OK, Click Music icon enter the Bluetooth music play. Click Source icon return to MAIN MENU.
2. Click can control Dual-Zone play, enter PIP function:

   **Area ①**

   **Area ②**

B. Bluetooth Operating:
Click Bluetooth icon on the Main Menu enter Bluetooth Mode:

1. Calling out/Answer
2. Hangup
3. Cancel

When a new TEL calling in for you, can show the TEL Number on the display.

When the playing mode is not BLUETOOTH mode now, if have a new TEL calling in, the system can auto change the other mode to Bluetooth mode interface, and can show the new TEL number on the display.

C. Phonebook operating:
you first dialing the number on the area: 13424352773, then long press the any blank area on phonebook can complete the storage of phone Numbers.
DVD Operation

DVD Video Playback Screen
To enter the DVD Video Playback menu, either press the POWER/SOURCE button repeatedly until the correct screen is displayed, or insert a DVD disc. If DVD mode is already selected, playback will begin automatically when you insert a disc.

DVD Title/Chapter/Time Selection Screen
The purpose of this screen is to allow you to choose the specific Title, Chapter or Time you wish to play back from the DVD disc. It opens from the DVD Video Playback screen in either the Title, Chapter or Time mode, depending on which icon you pressed in the DVD Video Playback screen.

Remark: When DVD or TV mode, touch the area of the play screen can ZOOM IN, then touch the upper edge area on the play screen can ZOOM OUT.

DVD System Setting:
Click Setup button on the Remote can enter DVD System Setting
Remark: Password is “3308” in DVD System, only password is correct, then can set level, but need disc support to be effective.

Analog TV Operation (Optional)

To select the Analog TV as the source, press the POWER/MOD button until the Analog TV screen is displayed. The current Source is displayed in the upper left corner of the screen. This page describes various aspects of the Analog TV Source screen. Other Source screens are described on subsequent pages.

1. GH/CH+: click CH- or CH+ ion to adjust, when indicates the corresponding frequencies then will be play.
2. Click Color ion to select color system: NTSC, PAL, SECAM
3. Click Sound ion to select sound system: MN, L, H, DK, BG
4. Click Search ion can be automatically search the TV band, and will be automatically save the searched band, then choose the band to play.
5. Click Fine- or Fine+ ion, up or down automatically search for the best radio frequency when the current, so to receive the best results.
ISDB-T Operation (Optional)

1. Click TV icon on the DVD Main Menu can enter ISDB-T:
2. Click Return icon can enter TV and Setting menu
3. Click TV icon can enter TV program play, click Setting icon can enter setting functions, and then move the cursor select the goals menu by icon, and finally click Enter to confirm or enter the next level menu, or click Return icon return the superior Menu
4. TV Guide: means that the Electronic Program Guide (EPG)
5. Program Detail: means that the program content introduction
6. OSD language: English, Japanese, Portugues, Espanol

DVB-T Operation (Optional)

When switch to DVB-T mode for the first time after purchasing, press Menu touch key, the screen display country and search Mode, after you can select one search mode, immediately performs Channel Search.

Please wait for finishing the Channel Search. If you want to stop the channel Search, press the OK button. If the Channel is stopped or finished, 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 OK button and try to reset the search operation again if necessary.

When completing Channel Search, the channel automatic save to changes. You can easily set-up using simple organization and options, and watch the broadcasting after completing the set-up procedure.

DVB-T operation functions:
First. Enter the system
After the power system into the DVB working condition. If the database is not television programs into the system interface

Second. Adjust the volume and mute
1. When the DVB system playing in full screen, press FAV +/- button to adjust volume; and the screen will show the articles of volume:0-10 level
2. When programs playing in full-screen, press MUTE to mute state, when in mute state, again press MUTE to Unmute state.

Third. Switch TV or Radio programs
when programs playing in full-screen, press TV/RADIO key to switch TV or Radio programs.

Fourth. Switch TV/Radio program
1. When programs playing in full-screen, press UP/DOWN key to switch the previous TV or Radio program (Or the next TV or Radio program);
2. When programs playing in full-screen, press ENTER key to enter the list of programs quickly, then press LEFT/RIGHT key to select classification of the programs from the pop-up list of programs, press UP/DOWN key move up or down to choose the needs program yourself. press ENTER key to confirm the choosed programs, press RETURN key from the menu;
3. Selection program through 0-9 number keys on the remote
4. Press UP/DOWN button move up or down select favorite programs, press ENTER button to confirm choice of programs, then press CTRL Button to exit the menu.
DVB-T Operation (Optional)

Fifth. Program information in display
When the DVB system playing in full screen, press DISPLAY button shows the current broadcast program information.

Sixth. Looking back at the show
When the DVB system playing in full screen, press ENTER key to return to the previous play-off TV (or radio) program.

Seventh. Channel programs and language switch
1. When the DVB system playing in full screen, press MENU button to return to the main menu, select the current programm language broadcast type and the list of left and right channels switch, such as figure:
2. Press LEFT/RIGHT button to cycle selection left/right channels and stereo, Press UP/DOWN button move up/down to choose language of voice;
3. After complete set up, press ENTER button to confirm choice to return to the state of broadcast programs, or press CTRL button to exit the menu ,but does not save your settings.

Eighth. Menu of Electronic Program Guide (EPG)
1. If you would like to know now or in the future period of time, will play broadcast programs and program information, you can press [MENU] button on the remote control for enter electronic program menu, such as menu interface.Enter EPG menu to acquaintence enter the Daily Mode, the state menu is divided into 7 parts ;
   (1) part 1 show the TITLE;
   (2) Part 2 shows a list of time;
   (3) Part 3 shows a detailed list of date;
   (4) Part 4 shows a list of programs, you can press UP/DOWN button to moved up or down to switch between different programs;
   (5) Part 5 shows the program displays the current time and program information, you can press the FB or FF to choice view week cycle Day corresponding to the time the current program, and program information;
   (6) Part 6 show detail the program in the Part 5
   (7) Part 7 shows the message of button
2. into the Weekly Mode, the main show in a week a list of current programs in different time periods will be broadcast programs and program information,
   (1) Press FR&FF button part in Figure 3 to switch between Saturday—Sunday
   (2) Press UP/DOWN button move up or down in Figure 5 to switch between different programs.
   (3) Press LEFT/RIGHT button part in Figure 6 to select watch program information in different time.
   (4) In the menu of Electronic Program Guide, press RETURN button to exit the menu of Electronic Program Guide.

Ninth. Teletext
1. If you want to watch Teletext, you can press MENU button on the remote control into Main Menu, then enter the Program Guide menu Page.
2. In page of Teletext , enter the three number jump to the corresponding page to watch ;
3. Press UP button turns into view the Previewious page, Press DOWN button turn into the next page
4. Press LEFT button Back 100 pages, Press RIGHT button forward 100 pages;
5. Press CTRL or RETURN button to exit Teletext.

Tenth. Operate system of the main menu
Open the platform. If want to set up information of digital television, you need to enter the system of Digital TV, Press [MENU] button into the main menu,such as figure;
In state of the main menu,press UP/DOWN button to select Digital TV ,then press ENTER button once into the Digital TV menu,such as figure.
Installation option is the realization of the search television or broadcast programs. including:
1. Search for programs by region;
2. Manual search programs;
3. Auto scan the programs.
In the Digita TV menu ,press UP/DOWN to selected Installation then press ENTER key, prompt enter the password "0000", through the remote control number keys 0-9 input, after the correct password to enter the Installation Menu ,such as figure

GPS Navigation Operation(Optional)

Software Request:
- Operating System VER : Wince.Net 6.0 Core
- COMM Port=COM2  Baud Rate=9600
- Physical Resolution: 800*480*RGB

Software Install:
1. Plug the navigation software SD card, at the control interface as follow:
2. click “@l” icon. system enter the system setting interface, as follow:
3. Select navigation setting “mm” icon. enter as follow:
4. Click “&m” icon. enter as follow:
5. Choose the right path of the navigator(suffix:".exe").
6. Accord to navigation software store path ( here can multi-select “operate automatically navigation software when start” ), select navigation software, click “&m” and exit. back to control interface, as follow:
7. Fist click “m” cion,then click Navigation cion can enter the navigation.
This unit can play the following discs only:

<table>
<thead>
<tr>
<th>Type of disc</th>
<th>Label on the disc</th>
<th>Recorded material</th>
<th>Size of disc</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVD</td>
<td>DVD</td>
<td>Video and Audio</td>
<td>12cm/8cm</td>
</tr>
<tr>
<td>VCD</td>
<td>VCD</td>
<td>Video and Audio</td>
<td>12cm/8cm</td>
</tr>
<tr>
<td>MP3/WMA</td>
<td>MP3</td>
<td>Audio</td>
<td>12cm/8cm</td>
</tr>
<tr>
<td>MPEG4/DIVX</td>
<td>MPEG4/DIVX</td>
<td>Video and Audio</td>
<td>12cm/8cm</td>
</tr>
<tr>
<td>CD</td>
<td>CD</td>
<td>Audio</td>
<td>12cm/8cm</td>
</tr>
</tbody>
</table>

Note: 1. The unit is compatible with .DVD/MPEG4/VCD1.0/2.0/3.0 DVD/CD-RW/CD-R/PIC'TUER-CD version Discs. 2. The manual conforms to DVD/MPEG4/VCD/MP3 and CD. If no DVD/VCD or MP3 on some models you should ignore then. While enjoying DVD/MPEG4/VCD/MP3 and CD, The Display will automatically identify the discs and indicate the corresponding words.

- Do not attempt to modify the unit; modifying the unit may cause an accident.
- Stop the vehicle before carrying out any operation that could interfere with your driving.
- Do not work in extreme high or low temperature inside the vehicle is between +60°C and -20°C before turning your unit on.
- To enjoy optimum sound and images while playing.

Handle the disc by its edge to keep the disc clean, and do not touch the surface.
Do not use your CDs with paste residue or ink attached.
Do not use CDs with labels or stickers attached, which may leave a sticky residue while beginning to peel off.
Clean the discs with an optional cleaning cloth. Wipe each disc from center out.

* This feature is optional, please refer to unit. Under compressed motion pictures (DIVX/MPEG4), file names under extension AVI can be played back.
Specification

General
Power Requirements................. 11.5–14.5V
Load Impedance...................... 4 Ω
Max. Power Output.................. 45W × 4
Tone Controls....................... ±8dB (Bass 100Hz, Treble 10KHz)
Mounting Dimensions............... Approx. 178 × 100 × 183mm (dxwxh)
Weight............................... Appro. 3.20kg
Resolution........................... 800 × 3 (RGB) × 480

DVD Deck Specition
Discs Played........................ DVD, VCD, MP3, CD, CD-R, CD-RW, PICTURE-CD
Video System......................... AUTO, PAL, NTSC
Mounting Angle...................... 0 to +/- 30°

Video Specition
Video System........................ 16:9 Letter Box and 16:9 Pan Scan
Video Output Level................... 1.0 Vp-p 75 ohms
Horizontal Resolution............ 500

Audio Specition
Maximum Output Level............. 2Vrms (+/- 3Db)
Frequency Response............... 20 to 20 Khz
Signal-to-noise Ratio............... 85 dB
Separation.......................... 80 dB

AM Tuner Specition
Frequency Range..................... 522–1620 (Europe/China), 530–1710 (U.S.A)
IF Range............................. 450MHz
Usable Sensitivity (-20 dB)...... 25 Db

FM Tuner Specition
Tuning Range....................... 87.5–108 (Europe/China), 87.5–107.9 (U.S.A)
IF Range................................ 10.7MHz
Usable Sensitivity (-30 dB)...... 15 dB
Signal-to-noise-Ratio............. 60 dB
Stereo Separation............... 30 dB (1 Khz)

Simple Troubleshooting Guide

<table>
<thead>
<tr>
<th>Problem</th>
<th>Cause/Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>No power</td>
<td>Check and make sure whether the fuse is blown, replace with the proper value if necessary.</td>
</tr>
<tr>
<td>Some errors occur in the LCD or no function when pressing the button.</td>
<td>Press the RESET button.</td>
</tr>
<tr>
<td>Unable to receive stations.</td>
<td>Check and make sure whether the antenna is inserted or the antenna is properly connected if so. Insert the antenna or connect it properly.</td>
</tr>
<tr>
<td>Poor effect on receiving a station.</td>
<td>Antenna may not be the proper length. Make sure the antenna is fully extended or broken. Replace the antenna with a new one.</td>
</tr>
<tr>
<td>The antenna is poorly grounded, check and make sure the antenna is fully extended or broken. Replace the antenna with a new one.</td>
<td></td>
</tr>
<tr>
<td>No picture.</td>
<td>The Video line from the main unit to the TV is not connected properly.</td>
</tr>
<tr>
<td>The picture noise appears.</td>
<td>Improper setting of the color system set: Set the color system to &quot;PAL&quot; or &quot;NTSC&quot; according to the connected television.</td>
</tr>
<tr>
<td>The CDs cannot be loaded.</td>
<td>The CDs is loaded in the mechanism.</td>
</tr>
<tr>
<td>The stereo indicator &quot; &quot; is flashing.</td>
<td>Tune in the frequency accurately.</td>
</tr>
<tr>
<td>The broadcasting signal is too weak.</td>
<td>Set the MONO mode (page 12).</td>
</tr>
</tbody>
</table>

Touchscreen Sensitivity Adjustment

Method one: Click touch check icon of SYS setting on the Setting interface.
Method two: On Radio mode interface, press fastly number 8 three times on the Remote, then enter touchscreen adjustment interface. When this screen is open, press the markings in the corners and center of the screen in the order they are marked: 1st > 2nd > 3rd > 4th > 5th.