Car Multimedia System

DM(UI6B)Series User Manual

Professional vehicle entertainment multimedia
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### Packing List

<table>
<thead>
<tr>
<th>Item</th>
<th>Name</th>
<th>Quantity</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Remote Control</td>
<td>1 pcs</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Install Holders and Screws</td>
<td>1 set</td>
<td>(Optional)</td>
</tr>
<tr>
<td>3</td>
<td>Power Cable</td>
<td>1 pcs</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>USB Cable</td>
<td>1 pcs</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>iPod Cable</td>
<td>1 pcs</td>
<td>(Optional)</td>
</tr>
<tr>
<td>6</td>
<td>Manual</td>
<td>1 pcs</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>TV Antenna</td>
<td>1-2 pcs</td>
<td>(Optional)</td>
</tr>
<tr>
<td>8</td>
<td>18P Cable Group</td>
<td>1 pcs</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>GPS Antenna</td>
<td>1 pcs</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>RCA Adapter cable</td>
<td>1 pcs</td>
<td>(Optional)</td>
</tr>
</tbody>
</table>
**Safety Tips**

- For your own safety, do not watch the video image or operate the unit during driving, which is prohibited by the law in some countries.
- This system is only for assistant function while backing. The company will bear no liability for any accident occurred during backing.
Precaution:
- This unit is used for negative ground 12V vehicle systems. Please install depressurization equipment if you install the unit in the front of trucks, buses or coaches and vehicles with 24V.
- Please disconnect the negative terminal power-cable of the battery before installation to prevent from short circuit of electrical systems.
- Please place the wire in fixable place to avoid contacting any mobile parts such as handbrake and gear level. Do not place the wire in heat source region, such as vicinity of heating outlet and so on. Otherwise, heat source will arising from insulation layer melting or abrasion of connecting wire to cause short circuit of connecting cable and car body.
- When change the blown fuse, must use required (10A). Use high-capacity rated fuse or no use fuse to directly connect, easily lead to fire or damage the equipment.
- Do not lead the yellow wire through the mounting hole into engine cabinet before installing battery, otherwise, it can cause the damage of power cable and lead to short circuit of power cable and car body.
- Do not apply power cable of other devices to this unit, otherwise, it may cause overloading and lead to overheating.
- Please wrap the unused speaker wire with insulating tape to avoid short circuit. Make sure that keep unused speaker leads insulation, otherwise it will cause short circuit .
- Make sure that keep any exposed power cable insulate, pack all wire wall to avoid that any terminal blocks and metal parts of the unit touch, and prevent short circuit.
- If ACC position is unavailable in auto ignition systems, please connect the ignition lead to "ON/Off" power supply with ignition switch key.
- When power-on, the external amplifier control signals will be output through AMP. CONT lead, if the unit connects external amplifier, please connect AMP. CONT lead to amplifier power port, otherwise, it will cause electric leakage and fault.
- The output terminal of the loud speaker is forbidden to be grounded, otherwise, it may cause damage to the amplifier. Please avoid using 3 line type loud speaker system with shared ground wire and connecting the speaker wire to the car body.
- The loudspeaker connected to the unit must be of high power; its minimum rated voltage is 50W, resistance value is 4Ω. Do not connect directly the leads of several loud speakers or resistance value beyond the limited scope, otherwise, it will lead to short circuit and damage the loud speaker.

Connector Diagram

Acknowledgements
Thank you very much for purchasing our digital car audio-visual product! Please read this manual carefully before use and keep it well for future reference.

Warning
1. Do not expose the unit in damp environment to prevent from fire or electric shock.
2. Any change or modification to this unit without the clear prior consent of the authorization party may bring inconvenience to the users.
3. Keep the disc tray clean and wipe it with clean soft cloth in case of dust to prevent from affecting play effect or slow disc entrance/exit or no disc response. If such problems occur, you need professionals to help clean, which is obviously inconvenient.
4. Play the disc for too long or with a large volume will shorten the service life of this product. To better protect the product, please use together with a radio and with moderate volume level if you keep using it for a long time.
5. This unit contains highprecision component, do not attempt to disassemble the unit or adjust any parts inside the machine.
6. Do not touch the screen with hard object to avoid scratching the display.

Note: Because the products are always being constantly improved and updated, subject to change without notice.
### The use and maintenance of Discs

This unit is only applied to the following discs:

<table>
<thead>
<tr>
<th>Disc Category</th>
<th>Disc Symbol</th>
<th>Disc Indexed content</th>
<th>Disc Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVD</td>
<td>![DVD Symbol]</td>
<td>Sound and Picture</td>
<td>12cm</td>
</tr>
<tr>
<td>VCD</td>
<td>![VCD Symbol]</td>
<td>Sound and Picture</td>
<td>12cm</td>
</tr>
<tr>
<td>CD</td>
<td>![CD Symbol]</td>
<td>Only Sound</td>
<td>12cm</td>
</tr>
<tr>
<td>MP4</td>
<td>![MP4 Symbol]</td>
<td>Sound and Picture</td>
<td>12cm</td>
</tr>
<tr>
<td>MP3</td>
<td>![MP3 Symbol]</td>
<td>Only Sound</td>
<td>12cm</td>
</tr>
</tbody>
</table>

*Features of DVD Discs*

Different DVD Discs contain different feature combinations, the kind of difference is mainly caused by design coding division and manufacturer of DVD Discs, the following some icons represent some features of DVD discs.

### Common Troubleshooting Guide

<table>
<thead>
<tr>
<th>Fault</th>
<th>Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cannot power on</td>
<td>The fuse of power supply is burned down</td>
<td>Change the same fuse as this unit</td>
</tr>
<tr>
<td>Maloperation of micro-processor caused by other factors</td>
<td>After press RESET key on the panel with small nib to restart the unit</td>
<td></td>
</tr>
<tr>
<td>The information got before completely lost after power OFF</td>
<td>Wrong connection of positive wire BATT of ignition wire ACC.</td>
<td>Reconnect swap wire</td>
</tr>
<tr>
<td>The remote control doesn’t work</td>
<td>The battery power is exhausted.</td>
<td>Change the battery of the remote control.</td>
</tr>
<tr>
<td>The effect of radio is bad</td>
<td>The antenna of car donot stretch out, the grounding of antenna is not good.</td>
<td>Check the connection of radio auto antenna control line ANT, re-check the connection of antenna and ground wire.</td>
</tr>
<tr>
<td>The disc cannot be put in the unit</td>
<td>There is already one disc in the unit.</td>
<td>Press the button to pop out the disc inside and insert the new one.</td>
</tr>
<tr>
<td>The disc cannot be played.</td>
<td>The disc is scratched.</td>
<td>Change a fine disc.</td>
</tr>
<tr>
<td>The front and back sides are put contrary.</td>
<td>The laser head is dirty.</td>
<td>Put the disc with logo up in the unit.</td>
</tr>
<tr>
<td>Change a fine disc.</td>
<td>Clean it with laser head cleaning disc.</td>
<td></td>
</tr>
<tr>
<td>Language/Title switch is unavailable.</td>
<td>Only one language/Subtitle is burnt on the disc.</td>
<td>The disc without many languages and subtitles cannot switch language/subtitle.</td>
</tr>
<tr>
<td>No image</td>
<td>The video cable from main unit to TV is not connected properly.</td>
<td>Re-connect it.</td>
</tr>
<tr>
<td>Malposition of touch screen</td>
<td>The touch screen is not properly calibrated.</td>
<td>Calibrate the touch screen (Refer to Page 16 of system information-touch screen calibration).</td>
</tr>
<tr>
<td>Function in confusion</td>
<td>Maloperation of micro-processor caused by other factors.</td>
<td>After press RESET key on the panel with small nib to restart the unit.</td>
</tr>
</tbody>
</table>
Remote Control Use

Remote Control Operation

1. Precautions:
   - The remote control applies lithium battery (CR2025).
   - The service life of battery is one year in normal use. When the remote control cannot work normally, please replace the battery.
   - Do not place the remote control in high temperature environment or direct sunlight, otherwise, the remote control can work normally.
   - When installing the battery, please make sure that the negative and positive terminals of the battery are properly connected.
   - Do not pick up the battery with any metal plier to prevent from short circuit.

2. Remove battery
   Remove the battery from the back of the remote control as shown below.

3. Insert battery
   Place the anode (+) and cathode (-) of lithium battery with (CR2025) lithium battery properly as shown below.

4. When use initially, please pull out the insulation film of battery buckle position, then can use normally.

Note: The individual function of the unit has something to do with DVD discs, if discs don't support these functions or require special settings, it cannot realize play of some functions. Please check these functions before play, or operate it according to the screen prompts. Pollutant or damaged discs, during playback skips may occur, in order to get the optimal sound effect, when playing DVD disc, please follow the following:

- When holding the disc, must hold the disc edge to keep the disc clean.
- Do not use CD-ROM labeled, labels CD should leave viscose when the label is off.
- When rubbing the disc, please use the dedicated soft cloth, be sure to rub from the disc center to the edge direction.
- Never place the disc in direct sunlight or near heat sources such as warm air vents. Do not keep the disc in direct sunlight when the temperature is excessively high.

Never use discs contaminated by viscose glue or ink.
Function Features

Touch screen Function
- Touch operation of OSD menu

DVD Disc Function
- Breakpoint information memory function.
- Multi-language, multi-format, multi-angle play.
- Fast forward/rewind play x2, x4, x8, x20; slow forward/rewind play x1/2, x1/4, x1/8, x1/16, x1/127.
- Pause, repeat, random play, stop play: GOTO search, digital program locate play, PFB function, play, information display.

USB, SD Function
- Compatible of formats, such as MP3, WMA, WAV, ASF, AVI, MP4, MPEG1, MPEG2, MPEG4, JPEG.
- Support SD and USB(2.0) ports.

iPod Function
- This unit supports connection to iPod.

Radio Function
- 30 radio stations can be preset (FM×18, AM×12)
- Auto, semi-auto and manual search; default frequency memory.

TV Function (optional)
- Analog TV.
- Digital TV.

AUX Input, Output, Amplifier and Other Functions
- 2 AUX input. AUX2 without audio input.
- 1 rearview camera input.
- 4 channels amplifier output, can connect to speaker.
- 2/1 audio output.
- Automatic rearview camera.
- Full functions infrared remote controller and touch screen function.

DVR Video Input Function (optional)

GPS Navigation (optional)
- This unit has built-in high-tech GPS navigation system.

Built-in bluetooth function.
- Rear camera function
- Calculator function

Functions of Keys on the Panel

1. Press [▲] to eject the disc.

2. Left knob compound key
- Rotate the knob clockwise to increase the volume or counter-clockwise to decrease the volume. Press the knob to switch to mute.
- When the device is powered on, hold the knob to close the TFT screen and then repeat to display the TFT screen.
- When the device is powered off, press the knob to start the device and hold it to shut down the device.
- Note: You need to press the key rather than rotate the knob to start certain models.

3. [◄]/[►] next or previous program.
- When you play a disc, USB media or SD card, press these keys to switch to the next or previous sound track.
- When you watch TV, press these keys to switch to the next or previous program.
- When you listen to the radio, press these keys to tune to next line or previous channel, and hold these keys to semi-automatically search the next or previous channel. When you find a desired channel, keep any of the figure keys 1 to 6 pressed down to pre-store the channel.

4. Press [SRC] to return to the main menu or to power on or off the device.
- Press this key to exit the current source mode and return to the main menu. Press this key again to return to the previous source mode.
- Press or hold this key to start up or shut down the device.

5. [BAND] key
- In radio mode, press this key to change AM or FM.
- In DVD mode, press this key to change DVD format.
- In TV mode, press this key to change TV format.

6. [RESET]: press this key to reset the system in the event of a system failure due to power interruptions or power surges.

7. Press [GPS] to enable GPS mode.

8. Press [VOL-] to decrease the volume.

9. Press [VOL+] to increase the volume.


11. Press [◄] to scroll the screen. (Note: The adjustable screen angle is limited.)

12. Press [0-9] to hang up a call.

13. Press [X] to answer a call.
10. Volume increase/Volume decrease.
11. [ZOOM] / DVD Image Zooming
12. [ST] : In radio mode, set Stereo/Monophony
13. [LOC] : In radio mode, set the local / remote station search
14. (Number Key) 0/9: 
15. [GOTO] : In DVD mode, for track selection function
16. [SETUP] : When playing Discs. SD Card. USB press the key to enter into DVC system setting.
17. When playing audio, video, it is for choosing last song. In radio mode, for up/down semi-automatic station search; play audio, video, it is for choosing last/nexst tune.
18. [SEL] Acoustics characteristics setting key: Press this key repeatedly to select needed acoustics characteristics setting choice mode
19. SUB-T : In DVD mode, for subtitle function (need Discs support)
20. [MENU] : In any mode, can recall main menu.
21. [TIME] / Time Key: In playback mode, press this key to display time, and then press, disappear.
22. [PBC/TITLE] : In VCD mode, playing VCD for PBC function, playing DVD for showing title menu.
23. Up or down direction key: When playing USB, SD Card, up or down for choosing song.
24. [ANGLE] : In DVD mode, for angle function (need Discs support).
27. Radio key: In the state of other playing, press the key to enter into Radio state.
28. Mute on/off
29. Up Scroll off key: Press the key for Up Scroll off. (Note: Adjustable screen angle is effective, only limit sliding model)
30. Down Scroll off key: Press the key for down Scroll off. (Note: Adjustable screen angle is effective, only limit sliding model)
Radio Interface

The unit is equipped with a high quality FM/AM tuner, support FM/AM channel auto search, store radio channels, frequency display, frequency fine adjustment functions.

1. Preset radio station zone: Short touch any station number in the zone, it can play the radio station; Long touch any radio station zone can store the radio station.
2. Band Switch Key: you can touch it to switch the band.
3. Automatic search radio station, and save effective frequencies searched in preset radio stations; short press to auto browse, long press to search.
4. EQ sound mode selection
5. Far short distance selection
6. Loudness selection
7. Next operation interface
8. Stereo selection
9. Traffic announcement
10. Frequency replacement table
11. Program type
12. Short touch the icon to realize single-step forward changes, long touch the icon to realize forward semi-auto search.
13. Short touch the icon to realize backward changes, long touch it to realize backward semi-auto search.
14. Touch the key to adjust the volume and mute.

Basic Operation

The function instruction of each part of the remote control

1. Power Switch Key
2. Sound Source Key: Click to return to the main interface, click once again to return to the original state.
3. When playing DVD, USB, SD Card, press to display the current playback information.
4. (AUDI0) Channel conversion key: When playing DVD, USB, SD Card, press the key to realize language option (DVD), channel conversion (VCD).
5. [ENTER]: Menu Operation Confirmation Key.
6. Left/Right Direction Key: When playing USB, SD Card, left or right to select the function play. When setting DVD, for left and right to move the cursor.
7. [SLOW]: Slow Play: In the mode of playing DVD, SD Card, USB, for slow playing function.
8. Stop Key: When playing Discs, USB, SD Card, Press once for quasi-stop, then press play key again, resume playback from the stop position, press twice for stop.
9. Play or Pause Key: When playing Discs, USB, SD Card, for mutual switching between play/pause.
Humanized Functions

1. Visual reversing system
   The device is equipped with visual reversing system, but the precondition is that the video signal of the reverse camera is correctly connected to the female contact of the CAM RCA cable in the car audio system. When the car hangs into reversing, the device will auto power on and enter into reversing state, or auto switch to reverse state from other states, to guarantee the safety. If no reverse camera is installed, the device will display a blue screen.
   (Note: Reversing system only provides only assistant role, pls subject to the actual environment !)

2. Brake detection function
   The brake testing wires of the device must be connected to the brake signal wires of the original car. When you start using brake testing function, the video can be seen only in the parking brake conditions to avoid watching video when driving and to guarantee the safety of you and your car. Please comply with the local laws and regulations.

3. The headlamp detection function
   Need that the headlight test line of the harness of this unit and the headlight signal line of the original car docking. In night mode, automatic detect the state of car lights, when check that the car headlight is on, automatic dimming the backlight, to prevent the screen backlight too bright, affect the driver's view of line.

4. Off-screen
   During night driving, in order that the drivers vision is not affected, safeguard the safety of driving, in any mode, (longly press "MUTE") key or knob, the system will turn off the display, but will keep the sound playback of the original mode, just touch the screen can exit the off screen mode. Note: Also can enter the backlight settings to adjust.

5. Telephone mute function
   Required that the phone mute of harness of this unit and the signal line of car phone dock, to realize the effect of automatic mute when call is coming.

6. GPS navigation sound mute function
   Touch the main interface [ ], then you can turn off the prompts sound of the navigation, does not affect the sound of appreciating other audio and video, touch again and return to the state of original navigation prompts sound.

Multimedia Play Function

1. Function Introduction
   ◆ This product supports many audio and video formats, such as DVD, VCD, SVCD, CD, MP3, WMA, MP4 and AVI.
   ◆ Support U Disk - SD/MMC Card play function.
   ◆ Support JPEG/BMP and picture browsing function.
   ◆ Support file - contents browsing.
   ◆ This unit is with electronic shock protection (ESP) features for all kinds of CD playback.

2. Disc playback warning : Pls use standard genuine discs, and keep the disc clean, develop good use habits. In order to protect the normal life of the system.

3. When USB/SD playing, insert U disk or SD card, can directly enter into the play interface.
   ◆ If have inserted U disk or SD card, you can click USB [ ] or SD [ ] of home page to enter the corresponding interface.

4. Functions introduction
   ◆ As shown in following pirs, 1-17 for function keys, click [ ] to enter into the next page function keys.
   ◆ If there's no operation in the device for some time, the fluctuation display bar will disappear automatically, and will show full screen state; when you touch the screen, the display bar will appear.
Settings Interface

Enter into Settings interface, you can perform all systems settings on this interface, including background, startup logo, time, language, audio and video, FM/AM, ROS, calibration and other function settings. Touch the corresponding icons to enter into the interface where you can change the parameters directly by touching them.

1. General Settings (background, Logo, system version display)
2. Time Settings (Time model/year/month/ minutes/second)
3. Language Settings (All types of language display setting)
4. Audio Settings (All kinds of sound effects setting, GPS navigation prompt voice switch)
5. Video Settings (brightness/contrast/ saturation/standard)
6. FM/AM Radio Area Settings: you can select your local radio frequency
Steering Wheel Button Control Function

1. Connect to 1 or 2 AD wires of the unit according to the car model.

2. Enter into steering wheel button selection setting interface, see the figure below.

3. Touch the icon and then press the steering wheel button in the car; a sentence will appear in the screen after you press a button. See the figure below.

4. Touch the steering wheel button function that you want to set. See figure below.

5. After finishing all the settings of steering wheel button function, touch [ ] to confirm the settings, and you can use the steering wheel buttons to control the unit. If the settings are not desired, you can reset them by touching [ ].

Bluetooth Function Interface

Bluetooth communicator, always-on service, safety and free of worry, mobile phones and car multimedia real-time synchronization, never miss calls when driving.

1. Bluetooth Pair Condition
   Mobile phone must support Bluetooth connection function; can connect the mobile phone to the unit to realize synchronous data exchange.

2. Pairing Procedures of Mobile Phone and Bluetooth of the Unit
   1) Touch Bluetooth interface of the unit, connect it to the mobile phone Bluetooth.
   2) Set your mobile phone in Bluetooth state, start Bluetooth mode, and use the mobile phone to search equipment, and then input the initial password (0000) to connect to the unit.
   3) After successfully paired, the mobile phone will warn you [Yes or No] to connect to the equipment, choose [Yes] in 10 seconds, the mobile phone will be connected to the Bluetooth of the unit automatically, and prompt "Connected" will appear in the screen.

3. Touch Operations of Bluetooth Calls Interface
   1) Touch [ ] to enter into Bluetooth calls dialing interface, see Figure 1.
   2) Touch [ ] to enter into Bluetooth call logs interface, see Figure 2.
   3) Touch [ ] to enter into Bluetooth music interface, see Figure 3.
   4) Touch [ ] when you need to connect the unit to mobile phone, you need to touch this key to pair them.
   5) Touch [ ] during the call, you can transfer the audio and video signal between the unit and mobile phone.
   6) Delete: When input a wrong number, use this key to delete it.
   7) Answer/Dial: After inputting a number, touch this key to dial this number; When there's a call, touch this key to answer it.
   8) Hang up: After answering the call, touch this key to hang up.
   9) When there's a call, touch this key to reject the call.
Call Log (Figure 2): It can show recent [received call] / [missed call] / [dialed call] numbers in the unit. To dial a number, you can select any of the numbers in the call log and then dial.

Bluetooth Music (Figure 3): This function will be valid only when the Bluetooth in a mobile phone is connected to the Bluetooth in the unit. 1:[Previous] 2:[Play/Pause] 3:[Next].

XV PAD Functions

Enter PAD operating system

The touch screen displays the [ ] icon. Or press the [PAD] button to access the Android OS. See the following figure.
AUX Input Function

1. Connect video input plug to the socket, connect audio input to audio input socket 1 IN1, 2 IN1. The device provides 2 way video input, AUX provides one way stereo audio input, AUX2 is without audio input, and can be connected to car front camera.

2. Select AUX input in the home page to enter in AUX input interface.

Touch Screen Calibration

When there's touch deviation in the screen, you can calibrate the unit, you can also long press the disc pop out key for 8 seconds or press continuously the four keys [ ] [ ] [ZOOM] / [ ] / [ ] / [ ] in remote controller, you can enter into calibration interface, then touch the "*" one by one until the last one on the screen, and then finish calibration of the unit, the calibration will be saved automatically and will exit the calibration interface.

Note: In touch screen calibration interface, you can also press the key [SRC] to force exit the calibration interface.

ATV Function

Entering into ATV operation interface:

DTV Function (ISDB-T)

First, please make sure that the area where you use this unit supports digital television broadcast function; Then draw out the TV antenna. The pictures and contents mentioned in this chapter are based on ISDB-T, and for your reference, the details are up to the local actual receiving situation.

TV Function

- Repeatedly press [SRC] key in the panel or remote controller to enter into TV function.
- Touch [ ] icon to enter in to TV function.

TV Touch Screen Operation Interface

1. [ ] Volume Control: Touch [ ] once to turn off the volume, touch the icon once again to restore volume; Press [-] to decrease the volume. Press [+] to increase the volume.
2. [ ] Sound Mode: Support multi-track sound broadcast, touch the [ ] repeatedly, it will change from tonic(left)/dominant(right) to tonic + dominant(left + right).
3. [ ] Channel List: Touch and hold [ ] you can see the TV programs saved in the channel list, and you can touch [ ] and [ ] to select program, and then touch [ ] to play the program.

Search: Select [ ], you'll find scan menu. You can choose full scan and frequency scan, it will start P2010IB channel scan, and find all existing broadcast channel in the area, this will take 30 seconds to 3 minutes.

Settings Menu: Touch [ ], you'll see the information: Digital Programs Guide Menu / Settings / System Information / Scan, you can choose them by touch [ ] or [ ] keys or press [ ] in remote controller, and press [ ].

Ipod Function

Introduce Ipod function to car audio-video navigation system, the driver can enjoy beautiful music of Ipod and perfect management control method in the car. In the back of the unit lies a iPod port, unnecessary to make any changes to the unit, plug and play, automatic monitoring. By touching the screen and press steering wheel buttons, you can make full function control of iPod, such as play, pause, fast forward, fast rewind, previous program, next program, volume, etc. see Figure 1. Touch the screen to pop out the song list, see Figure 2; make the driver enjoy more the car audio-video entertainment. It can show in the screen, the song name, composer, playing state and time of the iPod, it can show all the information of Ipod in the screen, comprehensive information and convenient operation.