SUN VISOR DVD PLAYER

(USB/MMC/SD/MS)

USER'S MANUAL

Compatible with

# Sun Visor DVD Player

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Please read the manual carefully before using and keep it well for your future reference.

Important instruction for safety:

For your safety, do not turn on, watch or operate the unit while driving. In some countries and regions, it may be against the laws.

The product is comprised of many precision electronic components. Self-repair or disassembling may cause malfunction to the device.

Note:

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

High voltage inside! Do not open or dismantle the unit. Do not repair yourself. Refer servicing to qualified personnel.

The product is a laser product. Make sure to read instruction manual before operating.

Do not try to open the covers to avoid direct laser radiation.

When the cover of the unit is opened or the interlocking system gets unlocked, the Laser light can be visible. Direct vision of Laser beam is hazardous to your eyes.

In order to prolong the life of the unit which has a large scale of integrate circuits and precision pick-up device, Frequent Turn On/Off might damage the unit. More than 5 seconds interval is required.

Note:

LCD may have a few color dots, which is common for the matrix display technology, and doesn't indicate defects or faults.

---

**Features:**

1. Ease of Installation, Non hazardous design
2. The display unit has built in DVD player.
3. Built in USB 2.0 host and MMC/SD card reader.
5. With video input and audio output interface, can contact with the DVD and stereo in the car to be appreciate the picture and sound
6. Game function: Disc games with joystick (optional)
7. Built-in TV tuner, receiving full color TV program (Optional)

**Discs for playback**

<table>
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<th>Type</th>
<th>Icon</th>
<th>Content</th>
<th>Size</th>
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<td>DVD</td>
<td>DVD</td>
<td>Video &amp; Audio (dynamic image)</td>
<td>12cm/8cm</td>
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<td>VCD</td>
<td>Video &amp; Audio (dynamic image)</td>
<td>12cm/8cm</td>
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<td>CD</td>
<td>CD</td>
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<td>12cm/8cm</td>
</tr>
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<td>MP3</td>
<td>Audio</td>
<td>12cm/8cm</td>
</tr>
<tr>
<td>Mp4</td>
<td>MP4</td>
<td>Video &amp; Audio (dynamic image)</td>
<td>12cm/8cm</td>
</tr>
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</table>

**Disc-related terms**

- **Title (DVD Only)**
  The main film content or accompanying feature content or additional feature content, or music album. Each title is assigned a title reference number enabling you to locate it easily.

- **Chapter (DVD Only)**
  Sections of a picture or a musical piece that are smaller than titles. A title is composed of one or several chapters. Each chapter is assigned a chapter number, enabling you to locate the chapter you want. Depending on the disc, no chapters may be recorded.

- **Track (Video CD and audio CD only)**
  Sections of a picture or a musical piece on a video CD or an audio CD. Each track is assigned a track number, enabling you to locate the track you want.

**Precaution Safety**

Please check the voltage in the car as the machine required before playing. Please hold the plug tightly, and avoid dragging the power cords when insert the plug in or pull out it from the jack.

This machine has laser system which is harmful for the eyes, please do not open the crust. Any repair you need, it is necessary to ask for the specialized personnel.
**Placement**
The storage temperature ranges from -30°C to -75°C, operating temperature ranges from -10°C to 55°C.
Please keep the pick-up clean and away from dust. If so, the cleaning disc can help deal with this problem. For detailed operation instructions for cleaning the pick-up, you can consult the user's manual of pick-up cleaning disc.
Do not expose this unit to rain or moisture. Avoid dropping or impact to the unit.

**Vapor on convex mirror and Trouble shooting**
There's liquid on convex mirror in following cases, but it is normal phenomena. Due to sudden change in temperature and car air-conditioner is turned ON their will be a vapor formation on convex mirror. To de-vaporize it please takeout the disc and power ON the unit about one hour. Please wipe the machine with soft and dry cloth dipped optional washing liquor in case of scratching the screen.

**Note**
Handling discs:
Do not touch the playback side of the disc. Hold the disc by the edges so that fingerprints will not get on the surface.
Do not stick paper or tape on the disc.
Storing discs:
After playing, store the disc in its case.
Do not expose the disc to direct sunlight or sources of heat, or leave it in a parked car exposed to direct sunlight, as there may be a considerable temperature increase inside the car.
Cleaning discs:
Fingerprints and dust on the disc can cause poor picture quality and sound distortion. Before playing, clean the disc with a clean cloth. Wipe the disc from the center out. Do not use strong solvents such as alcohol, benzine, thinner.

**Brief Instructions**
**Checking the accessories**

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>cigarette Lighting cable</td>
<td>1</td>
</tr>
<tr>
<td>Power cable</td>
<td>1</td>
</tr>
<tr>
<td>Press cord</td>
<td>3 (optional)</td>
</tr>
<tr>
<td>Installation Hook</td>
<td>1</td>
</tr>
<tr>
<td>Remote controller</td>
<td>1</td>
</tr>
<tr>
<td>User's manual</td>
<td>1</td>
</tr>
<tr>
<td>Joystick</td>
<td>1</td>
</tr>
<tr>
<td>Game Disc</td>
<td>1</td>
</tr>
<tr>
<td>Antenna</td>
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**Instructions for Remote control (shown as pictures)**

- *Press the catch and at the time pull out the battery tray. Insert the battery, type CR2025 battery with the stamped (+) mark facing upward. Insert the battery tray into the remote control.*
- *Direct the remote controller to infrared receiver window of the machine within 60 and 3 meters, without any barriers between them.*
- *Commonly, the life-span of the batteries is about one year, always replace the old set of new batteries.*
- *Please take out the battery when not using the remote controller for a long time.*
- *Please pull out the separation film before when using the remote controller.*

**Warning:**
Store the battery where children cannot reach. Do not recharge, short, disassemble or heat the battery or dispose it in a fire.
Installation and connection Method

Method 1
Connecting power cable with cigarette lighting for power supply when only this player is installed on the left or right side of the car (as the picture shown)

Method 2
Connecting the player power cord with the car power cord when both a player and a monitor are installed in the car. GPS or AV system can be played through the AV interface. (As the picture shown)

Note: This machine is suitable to some type of the car not all te types.
SUN VISOR DVD PLAYER

Sketch map of the player

Panel of the Remote Control

Number Buttons

1 2 3

4 5 6

7 8 9

Play/Pause

Stop

Fast Forward/Fast Backward

Previous/Next

Noted: "*" button is for switching functions between DVD and USB/SD
Basic Operation
Make sure that you have correctly connected your unit as described earlier in this book.
Turn on the power, and place the disc in.
1. press power button to turn ON (Power Indicator is OFF), display is ON and player will start loading the disc.
2. Press Open button to eject the disc tray out, then insert the disc, press again Open button to close.

The player will recognize the different formats of the discs, and disc mark will be displayed on the top left side of the screen.
3. While playing DVD discs, please select one item in DVD menu or title menu. while playing VCD2.0 or CD, this player plays one by one.
4. Press Direction Buttons or the Number Buttons to select the desired item, then press Enter or Play to start.
5. The player will play automatically. Press Pause to stop temporarily, press again Pause or Play to cancel pause. while playing DVD disc, press stop for memory stop, press Play for memory play, press Stop twice to stop playing.

Note: To stop playing DVD by pressing Stop for twice.

Fast Forward/Fast Backward
While DVD disc is playing, Press Fast Forward to play at 2X, 4X, 8X, 16X, 32X speed circularly, screen shows as following:

Press Fast Backward to play at 2X, 4X, 8X, 16X, 32X speed circularly, screen shows as following:

Press Play to shift to normal playing mode.

Slow
While VCD disc is playing, press Slow button, picture shows at 1/2, 1/4, 1/8 , 1/16 speed circularly, the screen shows as following:

Note: Press Play to shift to normal playing mode.

Previous/Next
To select previous item or chapter by pressing Previous button, to select next item or chapter, press Next button.

Note:
When a title on a disc has more than one chapter or a disc has more than one track, using chapter function can move to another desired chapter/track to play. If there is no Chapter/track on the disc, the above functions will be disabled automatically.

Functions Explanation

Menu/PBC
(1) Press Menu/PBC to return to the main menu or the Title menu while playing DVD disc.
(2) While playing VCD disc, Press Menu/PBC to turn PBC on or off. (Unfunctional in DVD disc playing)
(3) Only return to the main menu to select one song in PBC-on mode.
(4) Pressing Number buttons to select one song in PBC-off mode.

Title/Return
(1) While playing DVD disc, press Title to enter into title menu directly, select the desired item by pressing the Direction buttons or Number buttons.
(2) While playing VCD2.0, press Title to return to previous menu; however this function is disabled in PBC-off mode (Only for functional disc).

MODE
Press MODE, it can be switched between DVD and AV mode, TV mode, and enter its function.
**Display**

User can check the elapsed time or remaining time of current title and chapter by pressing Display. Press Display continuously, the screen shows as below:

(1) Playing DVD disc
Press Display for the first time, screen shows the elapsed time of current title.

```
Title 03 / 10 Chapter 01 / 04 0:06:39
```

Press Display for the second time, screen shows the remaining time of current title.

```
Title 03 / 10 Chapter 01 / 04 0:37:34
```

Press Display for the third time, screen shows the elapsed time of current chapter.

```
Title 03 / 10 Chapter 01 / 04 0:07:16
```

Press Display for the fourth time, screen shows the remaining time of current chapter.

```
Title 03 / 10 Chapter 01 / 04 0:03:26
```

Press Display for the fifth time to exit.

(2) Playing VCD disc in PBC ON mode
Press Display for the first time, screen shows the elapsed time.

```
Title 00 / 10 Chapter 00 / 04
```

Press Display for the second time, screen shows the remaining time.

```
Title 00 / 10 Chapter 00 / 04
```

Press Display for the third time to exit.

(3) Playing VCD disc in PBC Off mode
Press Display for the first time, screen shows the elapsed time of the current item.

```
Track 01 / 01 00:00:04
```

Press Display for the second time, the screen shows the remaining time of the current item.

```
Track 01 / 01 45:24
```

Press Display for the third time, the screen shows the elapsed time of the entire disc.

```
Track 01 / 01 00:24
```

Press Display for the fourth time, the screen shows the remaining time of the entire disc.

```
Track 01 / 01 45:24
```

Press Display for the fifth time to exit.

**Search**

Press Search, input a title, a chapter or a time, the player starts playing from the desired point to the end point.

**Playing DVD disc:**
(1) Search a title or a chapter
Press Search, screen shows as below:

```
Title 03 / 10 Chapter 01 / 04
```

Press Left or Right to select one title
For example: press Number button 3 to select title 3, select Chapter 1 by pressing Direction Buttons, the screen shows:

```
Title 03 / 10 Chapter 01 / 04
```

(2) Search by time
Press Search, screen shows:

```
Title 03 / 01 time : 
Title 04 / 01 time : 
```

For example: Press Number button to input 0, 1, 0, 6, 1, 8, the player will play from the point at 01:06:18

```
Title 08 / 10 time 01:06:18
```

(3) Playing VCD disc
Press Search to check the elapsed time for the entire disc, the item and the current item during VCD disc playing.

Press Number button to input a time, the player will play from the point you've selected.
**Subtitle**
While playing DVD disc with multi-subtitles, choose the desired subtitle, it shows on the screen.
O Will show on the screen when this feature is not available on the disc.

**Note:** This feature setting is valid only for the current disc. the subtitle language can be changed from DVD setting menu.

**Audio**
There is multi-language feature while DVD disc is playing.
When playing discs with this function, you can select the desired voice by pressing Audio.
The left audio, right audio and the stereo shows on the screen while playing VCD disc. You can select the desired one when playing story disc with dual languages.

**Note:** This feature setting is valid only for the current disc which has multi-language settings.

**ANGLE**
If the disc contains scenes recorded at different camera angles, you can change to a different camera angle during playback. Press ANGLE repeatedly during playback to select a desired angle.
(Only for the functional disc)
O will show on the screen when this function is not available on the disc.

**Zoom/Auto search**
In this mode, the dynamic or still picture can be zoomed in at most by 7 folds. press zoom for three times, the picture is zoomed in by 2X,3X,4X,1/2X,1/3X,1/4X, folds per order. And press zoom again to return to the normal playing mode.
In the TV mode, automatic search frequency is 48.25-863.25MHZ. Then press CH+ CH- button to choose the channel.

**Repeat**
(1) While playing DVD disc, press Repeat for the first time to repeat playing one chapter, press Repeat for the second time to repeat playing one title, press Repeat for the third time to repeat playing the entire disc, and press Repeat to cancel.

(2) In PBC off mode:
While playing VCD disc, press Repeat for first time to repeat one song.
Press Repeat for the second time to repeat the entire disc.
Press Repeat for the third time to cancel.

**Direction Buttons**
Press Direction Buttons to make free selection in title, content and setup menu easily.

**Note:** Direction buttons on the player can perform Fast Forward/Fast Back ward, Previous/Next functions.

**Multi-function button**
Press this button to switch between DVD mode and USB/SD mode.

**Mute**
Press Mute one or more to select mute on or mute off.

**Menu**
1. Press this Menu button for adjust brightness, contrast, ratio, FM and reset, press “+” “-” to adjust its parameter.
2. FM: Press “+” “-” button to select 8 frequencies, and then adjust the Audio receiver to match the frequency, you’ll listen to the sound.
3. “Parameter memory” is the last parameter before turn off.
4. “Reset” is factory setup, to reset all functions.

**System setup**
Press Setup button on remote control, enter menu setup page, press direction buttons to select: General setup, Audio setup, TV setup (TV mode), Preference setup (door opened), press enter to enter, press up & down direction button to select, press right & left direction button to setup demand functions.

**TV setup**
TV mode, enter TV setup page, press up & down direction button to select, press right & left button to setup local TV system and sound system. Press “Auto search” to search TV program amongst 47.25-863.25MHZ, then auto save & play.

After one time (setup local system), press button on remote control, to auto search, setup and search after switching the mode.
**SUN VISOR DVD PLAYER**

**Mp3**

**Basic Operation**
- MP3 can be played by List mode, Program mode and normal mode.
- Select one mode during stop. Press Repeat to play, repeat playing one song or play by list.

**Disc/MP4 Playing**
- (1) Place the disc to the loader correctly, player begins to search the disc massages and enter into Normal Playing Mode.
- (2) Move Direction Button or use the Number button to select the desired item in submenu, Press Play to start.
- (3) Press Stop first, press Direction Button to select other submenu

**Other Functions**
- Mute, Vol control, previous/next functions can be controlled directly from unit while MP3/MP4/disc/Audio CD is playing.

**JPEG**
- This unit can play the Picture in JPEG format. JPEG is the most popular picture compressing format currently.

**Press Number Buttons to Select Pictures**
- (1) Place the disc in the loader correctly, and the player starts searching massages, signal shows on the screen.
- (2) Press Number buttons to select the picture album.

**Make selection by the disc menu**
- (1) Place the disc to the loader correctly; player begins to search messages, Main menu shows on the screen, select from NO.1 by Direction Button, press Play to confirm.
- (2) Press Direction Buttons to select picture in current picture album, press Play to start
- (3) Press Direction Buttons to select other pictures during stop.
- (4) Return to previous menu by selecting File during stop. Then Press Play.

**USB/MMC/SD/MS**
- Insert MMC/SD/MS or Connect USB, press Multi-functions button, when MMC/SD/MS or USB found. You can select media and then choose MMC/SD/MS or USB to play.
- Note: please do not use the removable hard disk. This will lead to abnormal working.

**Game function (optional)**
- Put attached game disk into this player, and insert attached game joystick, play the games by pressing remote control & Joystick

**Trouble Shooting**
- Please consult the Trouble shooting sheet to deal with these problems when you are in trouble:

**No Sound or bad sound effect**
- Please check if cables are connected properly
- Please check audio shift setup.
- Please adjust the receiving frequency to harmonized with the transmitting frequency.

**No Picture**
- Check if cables are connected properly.
- Video Input is not yet set up correctly.
- The monitor is on or off.

**Poor picture**
- The color is not properly adjusted; please operate the remote controller to adjust it.
- The disc is scratched or spotted.

**The player does not work, or no disc**
- Insert the disc or not
- Check the disc is placed up side down or not, place the disc with the playback sidedown.
- The disc is dirty. Clean the disc.
- The unit is moisture inside, take off the disc and power off unit for about one hour.
- Disconnect the power cord and plug the power cord into the wall outlet securely again to reset unit.

**The remote control does not work properly**
- There is an obstacle in the path of the remote control and this unit.
- Remove the obstacle. Check if remote control point to receiver or not.
- The batteries in the remote control are exhausted. Replace the batteries with new ones.

**Note:** Please contact with the dealer or approved service center help if the troubles can't be solved by the methods offered.
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Your attention please:
The design and specifications are subject to change without notice.