SPECIFICATION

LCD size	7.0 inch (Diagonal)
Resolution	800 × 3(RGB)×480
Active area	154.08 (W) × 85.92 (H) mm
Backlight mode	LED
Luminance	250 cd / m²
Contrast ratio	500 : 1
Touch panel size	7.0 inch (Diagonal)
Input method	By finger or pen
Chattering time	≤10ms
Video system	NTSC / PAL auto switching
Video input mode	DVD / USB / Memory card (SD / MMC / MS)
Input	1 AV input
Output	1 AV output
Audio transmission	Speakers / FM / IR Transmitter

Dual channel IR frequency
  A channel
  B channel
	
	2.3MHz / 2.8MHz
	3.2MHz / 3.8MHz

Operation voltage	DC 10 - 16 V
Power consumption	12V ≤1.5A (version with DVD) 12V ≤1.0A (version without DVD)
Operation temperature	- 20℃ to + 70℃

★ The said function is only available on DVD version .

Motorized Sliding Shield Headrest DVD

User Manual

DVD VIDEO **HIGH** PLAY BACK **MP4** COMPATIBLE HI-SPEED **USB** **SD** SD/MMC/MS **TFT** **16:9** **TOUCH** **NATIVE 32/8 GAME**

V 1.1

Motorized Sliding Shield Headrest DVD User's Manual

★ *The said function is only available on DVD version .*

WARNING / CAUTION

Ignoring below warnings might cause serious injury or death due to improper operation. Please must read below warnings carefully. Follow the correct instruction to install and use the product.

WARNING

* **DO NOT WATCH VIDEO WHILE DRIVING**
  Watching the video may distract the driver from looking ahead of the vehicle and cause accident.

* **DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY WHILE DRIVING**
  Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

* **KEEP THE VOLUME AT A LEVEL LOWER THAN OUTSIDE NOISE WHILE DRIVING**
  Failure to do so may result in accident.

* **DO NOT DISASSEMBLE OR MODIFY**
  Doing so may result in accident, firing or electronic shock.

* **USE IN - CAR 12 VOLT NEGATIVE GROUND ONLY**
  (Check with your dealer if you are not sure) Failure to do so may result in firing.

* **USE THE CORRECT AMPERE RATING FUSE WHEN REPLACING**
  (Check with your dealer if you are not sure) Failure to do so may result in firing or electronic shock.

* **KEEP DISTANCE AWAY FROM CHILDREN SUCH AS BATTERIES, SMALL OBJECT**
  Swallowing them may result in serious injury. If swallowed, consult a doctor immediately.

* **DO NOT PLACE HANDS, FINGERS OR ALLIEN OBJECTS IN INSERTION SLOTS OR DOOR GAP**
  Doing so may result in personal injury or damage the product.

CAUTION

* **STOP USING IMMEDIATELY IF ANY PROBLEMS APPER**
  Failure to do so may cause personal injury or damage the product. Return it to your dealer for repairing.

* **KEEP FINGERS AWAY WHEN THE MOTORIZED SHIELD IS IN MONTION**
  Failure to do so may result in personal injury or damage the product.

* **FOR SAFETY REASON, THE LAW FORBIDS DRIVING VEHICLES WITHOUT HEADRESTS**

⚠️

PRECAUTION

* TEMPERATURE
Do not operate your unit in ambient temperature above +70°C (+158°F) or below -20°C (- 4°F).

* FUSE REPLACEMENT
When replacing the fuse, the replacement must be of the same amperage . If the fuse blows more than once, check carefully all electrical connections for shorted circuitry. Also have your vehicle's voltage regulator checked.

* MAINTENANCE
If you have problems, do not attempt to repair the unit voluntarily. Return it to your dealer for servicing.

* PECULIARITIES OF LCD PANEL
- After turning the system off, a slight ghost of the image might remain temporarily. This is an effect and normal peculiarity of LCD technology.
- Under cold temperature surroundings, the screen may lose contract temporarily. After a short warm-up period, it will return to normal condition.
- The LCD panel is manufactured by using extremely high precision manufacturing technology. Its effective pixel ratio is over 99.99%. This means that 0.01% of the screen might be having bright or dark dots. (The product is made of LEVEL A panel. The limitation of bright dots is according to LEVEL A panel standard .)

★ * NEVER ATTEMPT THE FOLLOWINGS
- Do not grip or pull out the disc while it is being out of the DVD player under automatic ejection.
- Do not attempt to insert a disc when the power is off.

★ * HUMID CONDENSATION
You may notice the disc playback sound wavering due to condensation. If it happens, remove the disc from the player and wait around an hour for out of damp.

★ * DAMAGE DISC
Do not attempt to play cracked, warped, or damaged discs. Playing a bad quality disc may seriously damage the DVD player.

★ * INSERTING DISCS
- The DVD player accepts only one disc at a time. Do not attempt to load more than one.
- Make sure the printed side is facing back-seat passenger before inserting the disc.

★ The said function is only available on DVD version .

PRODUCT CONTENTS

Thank you for buying our product.
Each package includes following items :

1. 7" motorized sliding shield headrest DVD
2. Remote controller
3. 6-pin green cable
4. 8-Pin black cable
5. Cigarette adapter
6. Post Hinge Pack
7. Screws and driver pack
8. Post rack
9. Post pack: 2 posts in 10mm diameter
10. Post pack: 2 posts in 12mm diameter
11. Post pack: 2 posts in 14mm diameter
12. Wireless joystick
13. Wireless joystick
14. Game Disc
15. User's manual

PRODUCT CONTENTS

①

+

② ③ ④ ⑤ ⑥

⑦ ⑧ ⑨ ⑩ ⑪

102 12Ø 14Ø

⑫ ⑬ ⑭ ⑮
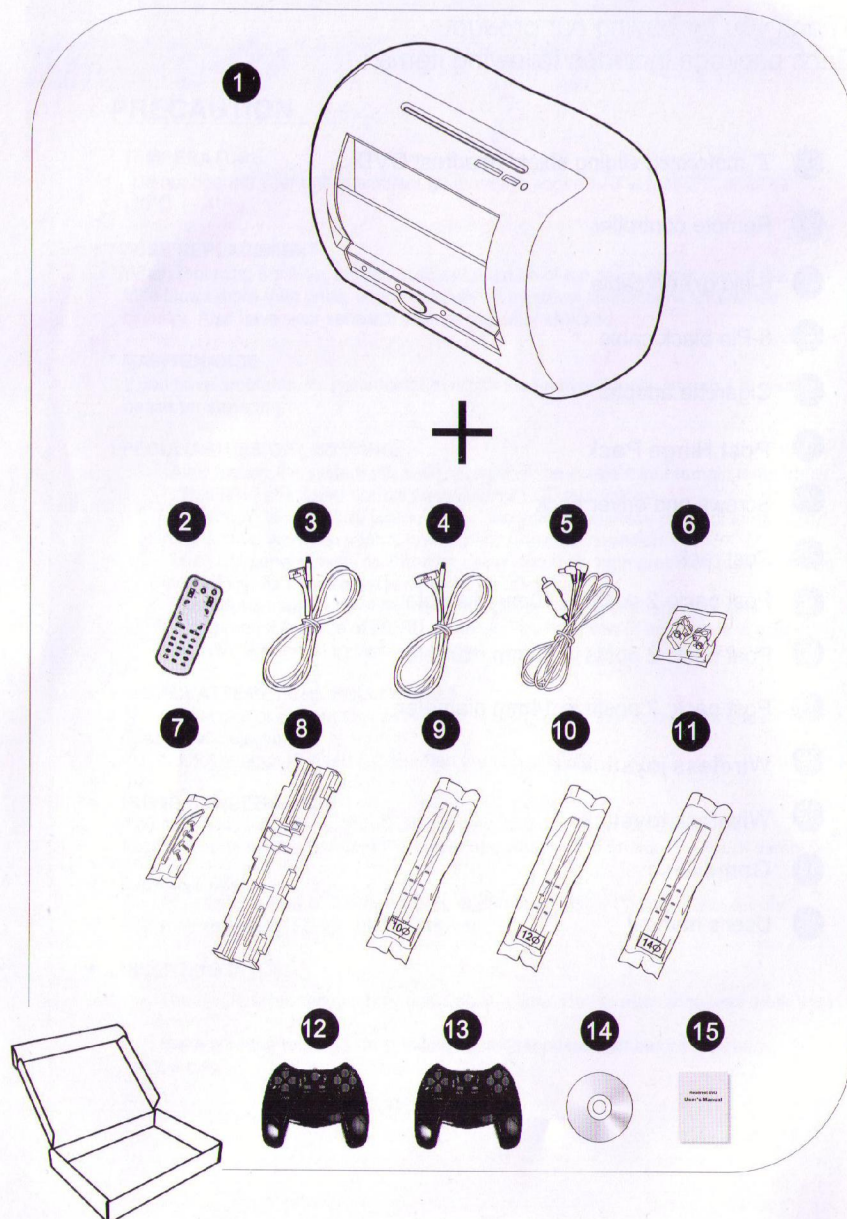
INTRODUCTION

Main Unit: 7" Motorized Sliding Shield Headrest DVD

★ **The Slot of DVD player**

Touch Screen
Press the icons on the screen to
control the unit. (Please refer to
Touch Screen Section on p.13)

Motorized Sliding Shield
Turn on / off power button,
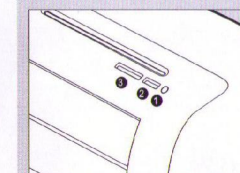the shield opens / closes
automatically.

Remote Controller Receiver

Power Button
Button to turn on / off the monitor.

IR Transmitter/Receiver
- IR transmitter (dual channels) allows
  you to use wireless earphone.
- IR receiver receives signals from
  remote controller.
- Please point at the sensor and wireless
  earphone with remote controller.

★ **①** **Earphone Jack**

② **USB Port**
Input USB drive or digital camera. (It
doesn't support all kinds of digital
camera. Please refer to USB Section
on p.16)

★ **③** **Card Reader Slot**

★ *The said function is only available on DVD version .*

The Post Rack

Power Jack
Connect cigarette adapter to the front cigarette jack as fast entry installation.

The White Lock of Unit
Unlock to remove the headrest.

The Port of 8-Pin Black Cable

The Port of 6-Pin Green Cable
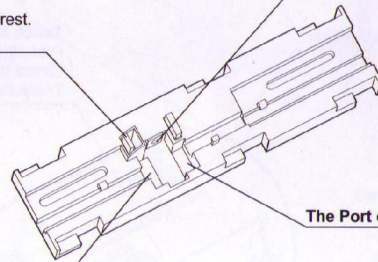
INSTALLATION

Before installing or connecting the headrest, please read the section of "Warning / Caution" and "Precaution" thoroughly on the manual for proper use.

Warning:
- Make the correct connections according to instruction.
- Use in-car 12 volt negative ground only.
- Before installing, remove the key and disconnect the cable from the terminal of battery in the car.
- Do not entwine headrest cables in surrounding objects.
- Do not tangle with other existing electrical cables.
- Do not use bolts or nuts in the brake or steering systems to do ground connections.
- Keep small objects such as batteries away from children.

Caution:
- Use our specified accessoriess and do installation carefully.
- Arrange the wiring in good order and avoid the wiring being crimped or pinched by sharp metal edge.

Installation instruction:
- You may install the headrest by yourself or ask professional mechanic of car dealer to help.
- Below are two ways for DIY installation. Please read the " Pre - Installation " in advance and install the product according to personal requirement.
  1. Simple installation. Please refer to Step1.2.3
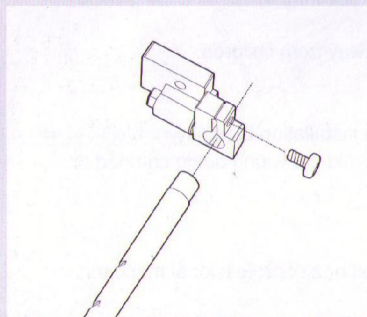 2. Complete installation.
     Please refer to Step 4.5.6.
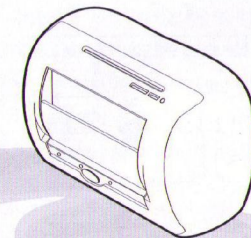
* Pre - Installation
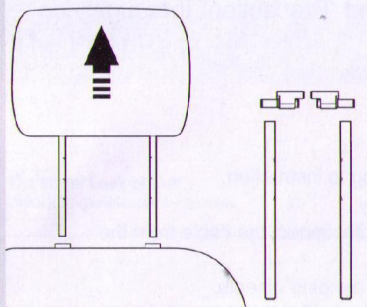
Take off headrest, choose suitable posts & adjust the direction of tenons
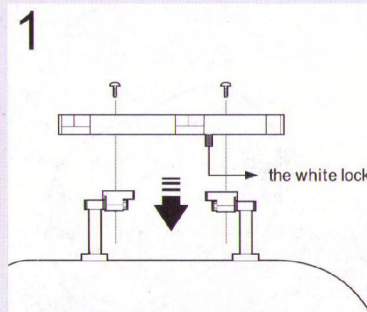
Adjust the same direction of tenons by our post according to original posts position.

Fix the posts with hinges.

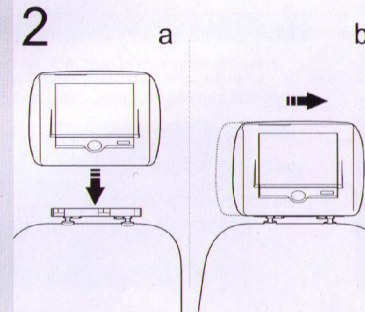Use the accessories of tool pack to lock the posts and the hinges with screws.

Simple installation Please refer to Step 1.2.3
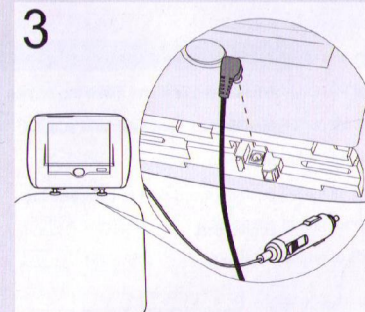
1

Lock the post rack

Insert the two posts into front seat. Have the white lock of post rack on the right side and screw the post rack together with posts.

the white lock

2 a   b

Install the headrest monitor

a. Install the unit and make the screen face to back seat user, and adapt it on the post rack.

b. Push it toward right to complete the connection.

3

Connect the power

Plug in cigarette adapter to car cigarette jack to get power.

Complete installation Please refer to Step 4.5.6.
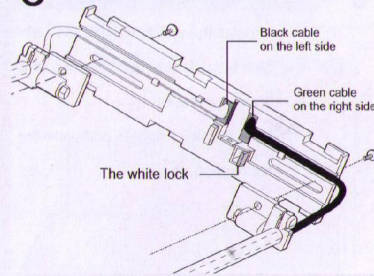
4
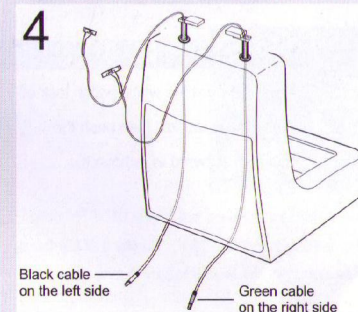
Fix the posts and put in cables

Insert two posts into front seat and put the green cable through the right post, the black cable through the left post. Pull two wires out underneath the seat back. If there is any obstruction when pulling the two wires out, please do it gently.

Black cable on the left side
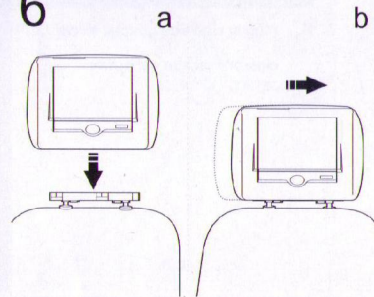
Green cable on the right side

5

Lock the post rack and fix cables

Have the white lock of post rack on the right side and plug the green cable and black cable in the correspondent sockets on the post rack and stick the cables in the notch. Lock the post on post rack.
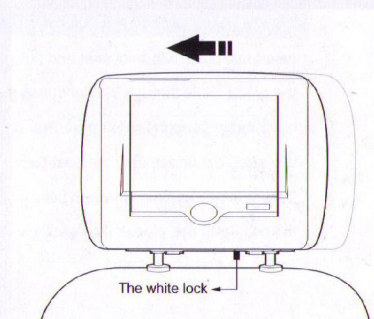
Black cable on the left side

Green cable on the right side

The white lock

6   a   b

Install the headrest monitor

a. Install the unit and make the screen face to back seat user, and adapt it on the post rack.

b. push it toward right to complete the connection.

Remove headrest

Remove headrest

Press leftward the white switch lock of post rack to unlock, then push the headrest leftward to remove it.

The white lock

1. When connected with the power. the indicator led will be on in red, Once press the button, Indicator LED will turn into blue (looks like purple color). the shield cover is sliding down and display will be on .then you can operate the function(Default setting is DVD Mode). Once Press the button while it is working ,the shield cover is close and panel will be hidden. and unit is off. The indicator of blue led is off and indicator of red led is on.

2.Press bottom part of panel to get menu operation as follows:
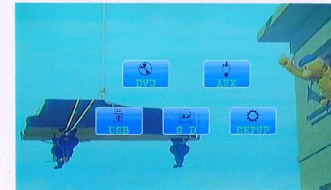
3.Press top part of panel to get basic operation(available for DVD/USB/SD mode) as follows:
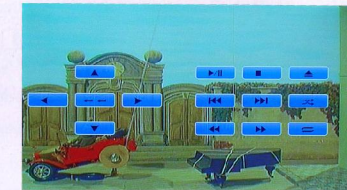
▶/II	PAUSE/PLAY	touch the button to pause
■	STOP	touch the button to stop playing
▲	EJECT	touch the button to eject the disc
◄◄	PREV	touch the button for rewinding the previous chapter or track
►►|	NEXT	touch the button for forwarding the next chapter or track
✕	RANDOM	touch the button for random playing
◄◄	FB	touch the button for fast-revinding
►►	FF	touch the button for fast-forwarding
⊑	REPEAT	touch the button for repeatedly playing the selected title/chapter
— —	ENTER	touch the button to confirm function

▲ ▼ ◄ ►   touch these buttons to select the desired item

and touch — —

Touch [AUX] for into AV-IN state.

Touch [SETUP] for menu operation.
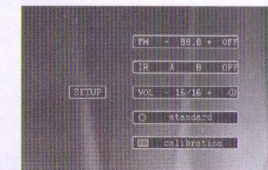
[FM] Touch "+" "-" to select the frequency (76MHz--106MHz), touch ON/OFF to turn on/off FM transmitter(touch OFF, it will be "ON" in red, Speaker is mute and IR is OFF. Touch "+/- ",the frequency will be increased and decreased by 0.1,Long press to make fast adjust for frequency. Once touch ON ,it will be OFF, Speaker is on.)

★ The said function is only available on DVD version .

BASIC OPERATION

IR Touch A,A will be turned into red, B and "OFF" are in Green. Speaker is mute. FM transmitter are OFF. Audio will be transited from A channel. Wireless IR headphone just got signal from A channel. Touch B, B will be turned into red, A and OFF are in green. Speaker is mute .FM is OFF. Audio will be transited from B channel. Wireless IR headphone just got signal from B channel. Once touch OFF ,A and B will be turned into Green. OFF will be turned into Red. IR transmitter will be closed.then Speaker is on.

VOL : Touch "+" "--" to adjust the volume, touch 🔊 to mute the speaker or start the volume.

☼ : Touch the button to select "standard" "bright" "soft"

▦ : Touch the button to make calibration of touch screen.

How to Use Remote Controller

* Attention of Using Remote Controller

- Point the remote controller at the sensor within 2 meters. It may not be possible to operate the remote controller when the sensor is exposed directly to the sunlight.
- When you use the remote controller for the first time, pull out the "PULL THE TAB" before using it.

* Buttons Definition on Remote Controller

|	
⏻ **Power**	Press the button to turn on/off the monitor
★ ⏏ **EJECT**	Press the button to eject the disc
★ ▶❙❙ **Play/Pause**	Press the button to pause
★ ■ **Stop**	Press the button to stop playing
🔇 **Mute**	Press the button to mute the speakers
★ ☰ **PBC**	Press the button to display the information(DVD State)
★ 🔁 **Repeat**	Press the button to set A B cycle
★ 🔧 **Setup**	Press the button for DVD functions set up
▭ **OSD**	Press the button to display the playing information
⬒ **Mode**	Press the button to switch different mode DVD, USB...
◄ ▲ ▼ ►	Press these buttons to select the desired item and press ENTER
OK	Press the button to confirm function
★ ❙◄◄ **PREV**	Press the button for rewinding the previous chapter or track
★ ►►❙ **NEXT**	Press the button for forwarding the next chapter or track
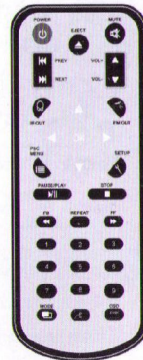
BASIC OPERATION

★ ◄◄ **FB**	Press the button for fast-rewinding
★ ►► **FF**	Press the button for fast-forwarding
+ −	Press the button to adjust the sound
📶 **FM OUT**	Press the button to select FM Transmitter ON
📶 **IR OUT**	Press the button to switch either IR Transmitter ON(for wireless headphone) or Speaker ON
0-9 **Number Key**	Press different number to choose different program.

* Remote Controller Battery Replacement

1. Pull off the battery lid and take out the low battery.
2. Replacing the battery: (+) side up.
3. Push the lid back until the locking sound is heard.
   Battery type: CR 2025, 3V DC
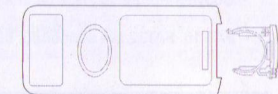
★ How to Use DVD Player

- Insert the disc with printed side to back set user into the slot of DVD player, the disc will be sucked in automatically.
- If it is a double-sided disc, please take out and reverse the disc to continue after finishing the first side.
- Please do not insert map guiding disc, which could cause damage to the machine.
- 8 cm disc is not applicable
- Choose "eject icon" on screen or eject button on remote controller to replace the disc.

- Please refer to the sections of "Touch Screen Operation" and "How to use remote controller" about the operation of DVD player.

- Please only use compatible disc, including DVD、VCD、CD、CD-ROM(game, WMA, JPEG).

- Please only use compatible file format, including VCD、SVCD、MP3、CDDA、HDCD、WMA、JPEG、MPEG - 1、MPEG-2、MPEG-4.- Memory resume is supported.- PAL / NTSC auto switch and auto play is supported.- 3-5 seconds anti-shock electronic program is supported.

★ How to Use USB & Card Reader

- You can play/view the files in USB drive. Edition and copying are not available.
- Readable file formats include JPEG, MP3, WMA or DIVX (this may be different in some regions, please contact your dealer to verify) .

★ The said function is only available on DVD version .

★ The said function is only available on DVD version .

- Insert the USB drive or memory card in the multi-media slot.

- Press the USB or CARD READER button on touch screen or remote controller to read the files.

- Press ↑ or ↓ to choose the file and press OK to play.

- Press STOP for stop playing.

Useful Notes:

- USB port doesn't support other USB interfaces, except standard USB drive.

- If USB drive is not compatible₁₀an USB converter is required (not provided) .

- Copyright-protected files cannot be read.

- FAT 16, FAT32 are supported, but NTFS.

SPECIAL FUNCTION SETTING

Special Function Setting

* FM Transmitter Setting

- User can transit the audio to the speaker of the car to enhance your visual and audio enjoyment.
- FM frequency range is full frequency from 76MHz to 108MHz.
- To end FM transmitter function, please select icon " + " or " - " (Default setting is off)

* IR transmitter:

- User can press IR out key of remote controller. switch to infrared mode and switch between ACH, BCH, OFF.
  Note: when open the infrared, speaker is on mute. when switch to OFF then speaker is on.

★ * Game Function:

How to use game function:

- Insert, and load the game disc, the game main menu shall be appeared on the screen shortly.
- press direction key of joystick to select the game then press RESET or START to play the games.

How to use wireless joystick:

- Press SELECT to enter the menu of the built-in games.
- Press direction key to select the games you like, then press the START to enter the game.
- Press the direction key to select UP/DOWN/LEFT/RIGHT, press A. B. TA and TB key to operate the functions.
- Press RESET key to exit the game or return to the main menu.

★ The said function is only available on DVD version .

---

* No function on display

- **Vehicle's ignition (ACC) is off**
  If power connects to cigarette jack, the unit will not operate with the vehicles ignition off.
- **Improper power connections**
  Check power connections.
- **No fuse or blown fuse**
  Replace the fuse with the proper value. (The fuse is located under the Post Rack.)
- **Low battery**
  Check the voltage of vehicle's battery.

* No function on remote controller

- **The "Plastic Tape" is not removed**
  Remove the "Plastic Tape" or make sure the remote controller with battery (Please refer to Remote Controller Section on P.13).
- **The remote controller is not pointed to the IR receiver area**
  Point the remote control to the IR receiver area directly.
- **The IR receiver area is hampered**
  Remove the objects from the area in between.
- **Low battery**
  Replace a new battery. (Please refer to Remote Control Section on P.14)

* The shield is not being completely closed or opened

- **An obstacle blocks the movement**
  Remove the obstacle.

* No screen

- **AV mode is not switched to the correct source**
  Select the correct source by touch screen or remote controller.

* Poor Screen Color

- **standard/ bright/soft adjustment are not setting properly**
  Check each control and adjust them properly.

* No function on the speakers.

- **Audio input is connected improperly**
  Check and make sure the audio input is connected well.
- **Sound is in " Mute " mode**
  Select VOLUME and turn MUTE off from menu.
- **Sound is in " IR Transmitter out " mode**
  Press the I/R OUT button on the remote controller to switch,or controlled by touch screen
- **Sound is in " Volume Off " mode**
  Select VOLUME and turn it on from menu.

★ The said function is only available on DVD version .

No function on wireless headphone

- **Power of the wireless headphone is not turned on or low battery**
  Turn on the power of the wireless headphone and check the battery power
  is enough.
- **The frequency of the wireless headphone is not switched to a proper channel
  (A or B)**
  Make sure the frequency of wireless headphone on the proper channel which
  matches the frequency of headrest.
- **Sound is in the " Speaker " mode**
  Select SETUP and turn on IR to A or B from menu.
- **Sound is in " Mute " mode**
  Select VOLUME and turn off MUTE from menu.
- **The IR Transmitter area is hampered**
  Remove the objects from the area in between.
- **The spec. of the wireless earphone is not compatible to the headrest**
  Check the specification of the wireless earphone is in accordance with the
  specification of the headrest. If not, please use the same required standards
  earphone.

★ * **Disc insertion disable**

- **A disc is already in the DVD player**
  Eject the disc and remove it.
- **The disc is being improperly inserted**
  The printed side of disc must face back seat user, then re-insert the disc.

★ * **Unable to fast-forward or fast-rewind the disc**

- **The disc has been damaged**
  Eject the disc and change a new one.

★ * **Unable to play the disc**

- **Disc is loaded upside down**
  Check the disc and load it with the label side facing back-seat passenger.
- **The disc is dirty.**
  Clean the disc and re-insert.

★ * **Screen unclear or with noisy**

- **Disc is being fast-forwarded or fast-rewinded**
  The picture may be unclear, but this is normal.
- **Vehicle's battery power is weak**
  Check the battery power and wiring. The unit may malfunction if the battery
  power lower then 9.

* **Image runs discontinuously**

- **Disc is scratched**
  Replace a non-scratched disc.

* **Common questions of USB/Card reader**

The said function is only available on DVD version .

Q: No picture and sound when playing DIVX movies.
A: Our unit might not support the specific format of DIVX . (Version 3.11/6.X are
    not supported.)

Q: Unable to read the files from USB drive.
A: Your USB drive is not compatible with our unit. The unit only supports FAT16
    and FAT32 file format.

Q: The response to appearing USB files on the screen is very slow.
A: If the files are numerous, huge, unsupported in your USB drive, it will affect
    unit reading and files appearing.

Q: What if connecting with other unsupported USB devices (like PC keyboard,
    PC mouse)?
A : Our product supports regular USB drive only. It may cause the unit crash or
    damage, if it connects keyboard or mouse, please remove them and shot
    power down immediately. Then re-connect the power cable and turn on the
    power after few minutes.

Q: Can the unit be connected to Removable Hard Disk Drive?
A: It might not be working with high capacity Hard Disk, please copy the files to
    your USB drive for regular use.

Q: The name of file is shown unusually or unreadable character on the screen.
A: Because of the limitation of FAT16 and encoding, long file name or unsupported
characters may cause error words.der