SONiCHi

S7000-DVD
3" LCD Widescreen DVD Player

OWNER'S MANUAL
Safety Precautions

1. Only connect the unit to a 12-volt power supply with negative grounding.

2. Never install this unit where the operation & condition for safety driving is restrained.

3. Never use the video display function in the front when driving to prevent the violation of laws & regulations and also to reduce the risk of traffic accident except using for rear view video camera.

4. To ensure safe driving, please adjust the volume to a safe & comfort level in case of emergency situations.

5. Never expose this unit, amplifier, and speakers to moisture or water for preventing electric sparks or fires.

6. Please don’t change the fuse on the power cord without professional guidance, using improper fuse may cause damage to this unit or even cause fire.

7. Please power off this unit at once and send it back to the after-sales service center or the dealer /distributor you purchased from if one of the following symptoms is found:
   (a). No audio output;
   (b). No image output;
   (c). Water or other obstacle enters the unit;
   (d). Smoking;
   (e). Peculiar smell.
Safety Information

Warning
For correct operation of the unit, please read and understand the enclosed user manual before use.

Caution
This product is a CLASS 1 LASER PRODUCT. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. Do not open covers and do not repair yourself. Refer servicing to qualified personnel.

Two Laser Products
Wave length: CD:780nm   DVD:650nm
Laser power: No hazardous radiation is emitted with safety protection.

To reduce the risk of fire electric shock, and annoying interference, use only the included components.

CD Notes
• Playing a defective or dusty CD can cause dropouts in sound.
• Hold CDs as illustrated.
• Do not touch the unlabeled side.
• Do not attach any seal, label or data protection sheet to either side of a disc.
• Do not expose a CD to direct sunlight or excessive heat.
• Wipe a dirty CD from the center outward with a cleaning cloth.
• Never use solvents such as benzine or alcohol.
• This unit cannot play 3-inch (8cm) CDs.
• Never insert a 3-inch CD contained in the adapter or an irregularly shaped CD. The unit may not be able to eject it.

Contents
Safety Precautions.................................................1
Safety Information..................................................2
Panel Controls...................................................3
Remote Controls.................................................4-5
Getting Started..................................................6
USB/SD/MMC/MP3 Playback.................................7
General Operation.............................................8
Rotary Knob Menu.............................................9-12
Radio...............................................................13
DVD & AV IN Mode...........................................14
Radio and Clock................................................14
RDS (Radio Data System).......................................15-16
Disc Playback....................................................17
DiscPlayable.....................................................17
Audio/Video/Picture File Playback.......................18
Track Playback..................................................19-20
DVD Playback...................................................21
DVD Setup........................................................22
DVD System Setup...........................................22-23
DVD Language Setup.........................................24
DVD Audio Setup...............................................25
DVD Video Setup...............................................26
DVD Digital Setup............................................27
Electrical Connections.........................................28-29
Installation Guide...............................................30
Anti-Theft System...............................................31
Troubleshooting................................................32
Specifications...................................................33

To provide a clear demonstration and an alternative for easy understanding of the operation of this unit, graphic illustration was used. However, this illustration is not necessary printed as the actual image found on the unit.
Panel Controls

Power On/Off: Press \( \text{\textcircled{\textstyle O}} \) to turn on/off the unit.

1. Panel open
2. Display switch/Time adjust
3. - Radio
   - Disc (when disc inserted)
   - USB (when USB inserted)
   - Card (when SD/MMC inserted)
   - AV-in
4. - Rotate the knob to adjust volume level.
   - Push to select BASS/TREBLE/BALANCE/FADER, and rotate the knob to adjust level.
5. 3 inch TFT display
6. - Radio tune
   - Track skip/seek
   - Last track (DVD/CD mode)
   - Fast rewind (DVD/CD mode)
   - Manual tuning Backwards (Radio mode)
   - Menu cursor left (MP3 mode)
7. - RDS program type
   - Menu cursor up (MP3 mode)
8. - Band switch: FM1-FM2-FM3-MW1-MW2
9. - Alternative frequency on/off
   - Traffic announcements (press more than 2 seconds to turn on/off)
10. - Power on/off (press more than 2 seconds)
11. - Mute on/off
12. AUX in hole
13. Button 1: Play/Pause
14. Button 2: Intro play
15. Button 3: Track repeat play
16. Remote sensor
17. - AMS: Radio auto preset/Radio preset scan
   - Menu cursor down (MP3 mode)
18. Button 4: Track random play
   - Folder up (USB/SD/MP3/Disc)
20. Button 6: - DVD audio channel
   - VCD audio channel L/R/ST
   - Folder down (USB/SD/MP3/Disc)
* Button 1–6: Radio preset: Press to listen to a preset station. Hold for more than 2 seconds to store station.
21. - Radio tune
   - Track skip/seek
   - Next track (DVD/CD mode)
   - Fast forward (DVD/CD mode)
   - Manual tuning forwards (Radio mode)
   - Menu cursor right (MP3 mode)
22. USB connector
Remote Controls

Power on/off: Press \( \rightarrow \) to turn on/off the unit.

1. Zoom (DVD/VCD only)
2. Title (DVD only)
3. Power on/off
4. Setup
5. Menu cursor
6. Enter
7. Program
8. Digit area
9. Audio mode select BASS/TREBLE/BALANCE/FADER
   - Push more than 2 seconds to menu mode
10. Volume
11. Mute
12. Radio tune
   - Track skip/seek
13. Subtitle (DVD only)
14. - Radio
   - Disc (when disc inserted)
   - USB (when USB inserted)
   - Card (when SD/MMC inserted)
   - AV-in
15. Repeat
16. Repeat A→B
17. Stop/Return
18. Play/Pause
19. Goto search
20. - DVD menu
   - PBC (for VCD 2.0 or up)
21. On screen display
22. - DVD audio
   - VCD audio L/R/ST
23. On panel display
24. Angle (DVD only)
25. - Video system PAL/NTSC/AUTO
   - Radio band
Remote Controls

Replacing the lithium battery of remote control unit.

When the range of the operation of the card remote control becomes short or stops functioning, replace the battery with a new lithium battery. Make sure the battery polarity replacement is correct.

1. Pull out the battery holder while pressing the stopper.
2. Insert the button-type battery with the stamped(+) mark facing upward. Insert the battery holder into the remote control.

Warning

- Store the battery where children cannot reach. If a child accidentally swallows the battery, consult a doctor immediately.
- Do not recharge, short, disassemble or heat the battery or dispose it in a fire.
- Do not expose or bring into contact the battery with other metallic materials.
- When throwing away or saving the battery, wrap it in tape and insulate; otherwise, the battery may give off heat, crack or even cause a fire.

Remote control operating range

The remote control can operate within a distance of 3~5m.
Getting Started

Press the button to open the panel and press to eject the disc.

- **Slot, Insert disc.**
- **Disc Eject**
- **Panel Status Indicator**
  - Light up when you slide the panel down; flashes when you remove the panel.
- **Reset Hole**
  - Note: Pressing the **RESET** button by inserting a pointed tool such as the end of an unbent paper clip.
- **SD/MMC Card Slot**
### USB/SD/MMC/MP3 Playback

1. **Load SD/MMC card**
   
   Open the panel and insert the SD/MMC card into the slot. Close the panel, the unit will read the file of the card automatically.

2. **Take out SD/MMC card**
   
   Push **SRC** button to non-SD mode, press the SD/MMC card to pop out. Take out the card.

3. **Load USB device**
   
   Insert USB device into the USB jack. The unit will read the file in the USB device automatically.

4. **Take out USB device**
   
   Press the **SRC** button to non-USB mode and take out the USB device from the USB jack.

### USB/SD/MMC Notes

USB functions (flash memory type) MP3 music play

1. SD/MMC card support
2. USB flash memory 2 in 1 (SD/MMC ) support
3. Support FAT 16 & FAT 32
4. File name: 32 byte/dir name: 32 byte/tag name: 32 byte
5. Tag (id3 tag ver 2.0)
   - title/artist/album: 32 byte support
6. Multi card reader not support
7. USB 1.1 support
8. SD/MMC card read up to 1GB

Not all kinds of USB devices are compatible with the unit.
General Operation

Switching on and off
1. Press \( \text{SOURCE} \) to turn on the unit.
2. Press \( \text{SRC} \) once or more to select your desired function: DISC, Tuner (Radio), USB & SD/MMC, AV-in.
3. Press \( \text{SOURCE} \) to power off (press more than 2 seconds).
4. When you switch off the system or car ignition, the settings, tuner presets and the volume level will be retained in the unit's memory.

VOL Knob Function
Press the knob once to select BASS/TREBLE/BALANCE/FADER, and rotate the knob to adjust.
## Rotary Knob Menu

Press the knob more than 2 seconds to enter menu mode, then each press changes the mode as follows:

- EQ MODE → LOUD → BEEP → CAMERA → 12/24 MODE → TA MODE → RETUNE → PARKING → MIRROR IMAGE → TA-VOL → VOL-MODE → A-VOL → SUBWOOFER → SUBW-VOL

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### EQ mode

Rotate the knob to select EQ sound effect:
- ROCK - POP - CLASSIC - FLAT - EQ OFF

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### LOUD mode

Rotate the knob to choose loud on or off.

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<table>
<thead>
<tr>
<th>Setting</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQ MODE</td>
<td>OFF</td>
</tr>
<tr>
<td>LOUD</td>
<td>ROCK</td>
</tr>
<tr>
<td>BEEP</td>
<td>POP</td>
</tr>
<tr>
<td>CAMERA</td>
<td>CLASSIC</td>
</tr>
<tr>
<td>12/24 MODE</td>
<td>FLAT</td>
</tr>
<tr>
<td>TA MODE</td>
<td>RETUNE</td>
</tr>
<tr>
<td>PARKING</td>
<td></td>
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</table>

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<tr>
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<td></td>
</tr>
<tr>
<td>CAMERA</td>
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<td>12/24 MODE</td>
<td></td>
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<tr>
<td>TA MODE</td>
<td></td>
</tr>
<tr>
<td>RETUNE</td>
<td></td>
</tr>
<tr>
<td>PARKING</td>
<td></td>
</tr>
</tbody>
</table>
Rotary Knob Menu

BEEP ON/OFF mode
Rotate the knob to choose button beep sound on or off.

CAMERA
Rotate the knob to turn rear camera on or off. While unit enter CAMERA ON mode, press the knob more than 2 seconds return to CAMERA OFF mode. Under camera on mode, press the SRC is invalid.

12/24 mode
Select 12 hours mode or 24 hours mode.

TA mode
Rotate the knob to choose TA ALARM or TA SEEK mode. If the TA (Traffic Announcements) is turned on and there is no traffic program identification code received in the specified time, no TA/TP will display and either TA ALARM or TA SEEK will be activated. TA ALARM mode : Alarm is turned on. TA SEEK mode: TA SEEK is automatically activated.
Rotary Knob Menu

RETUNE mode
Rotate the control to choose RETUNE-S or RETUNE-L. RETUNE-S or RETUNE-L is time length selection of TA SEEK retune interval.
RETUNE-S: Short, TA SEEK Retune interval is 45 seconds.
RETUNE-L: Long, TA SEEK Retune interval is 180 seconds.
REMARK: RETUNE mode functions for TA during TA SEEK mode only.

PARKING mode
Rotate the knob to turn rear parking attention on or off. While unit enter PARKING ON mode, play the video disc, the screen appear “DO NOT WATCH VIDEO WHILE DRIVING”, and blank screen.

MIRROR IMAGE mode
Rotate the knob to choose MIRROR IMAGE mode on or off. While enter MIRROR IMAGE ON mode, the video of camera is mirror image.

TA-VOL
Rotate the knob to choose TA-VOL level.
Rotary Knob Menu

**VOL - MODE**
Rotate knob to choose VOL LAST, the turn-on volume level is the volume level of latest power off.
Rotate knob to choose VOL ADJ, then rotate the knob to set the turn-on volume level.

**SUBWOOFER**
Rotate the knob to choose SUBWOOFER frequency: 80Hz, 120Hz, 160Hz.

**A - VOL**
Rotate the knob to choose A-VOL level.

**SUBW - VOL**
Rotate the knob to choose SUBWOOFER level.
Radio

Band

1. Press ⊗ to power on, then press SRC once or more to select tuner.
2. Press BAND once or more to select FM1 → FM2 → FM3 → MW1 → MW2. Display shows wave band, frequency, and preset station number if already stored.

Tune

Radio tune by step manually:
Press ► or ◄ less than 2 seconds.

Radio seek automatically:
Press ► or ◄ more than 2 seconds.
Press either 1-6 button to store the selected station.
**DVD & AV IN Mode**

**DVD Mode**
Press **SRC** button to select DVD mode (when disc is inserted, and unit is reading disc), then press the **DISP** button. The LCD will display:

- DVD/CD/MP3
- AF
- TITLE: 1 T:1/8
- TIME: 00:06:56
- EQ OFF

**AV IN Mode**
Press **SRC** button to select AV IN mode (when unit is reading). The LCD will display the external video.

**Radio and Clock**

**AMS: Auto Memory Store**
Press **AMS** briefly to scan the preset station 1 - 6 for 5 seconds each. Hold more than 2 seconds, the 6 strongest available stations will be automatically saved in the memory of preset button 1 - 6.

**Clock Setting**
1. Press **DISP** more than 2 seconds, minute display blinks, rotate the knob to set minute.
2. Press the knob once, hour display blinks, rotate the knob to set hour.
3. Press **DISP** to confirm.
RDS (Radio Data System)

RDS service availability varies with areas. Please understand if RDS service is not available in your area, the following service is not available.

RDS Basics

AF (Alternative Frequency): When the radio signal strength is poor, enabling the AF function will allow the unit to automatically search another station with the same PI (program identification) as the current station but with stronger signal strength.

PS (Program Service name): The name of station will be displayed instead of frequency.

AF Mode:
- AF on: AF function is activated.
- AF off: AF function is disabled.

Remark: AF indicator on LCD will flash until RDS information is received. If RDS service is not available in your area, turn off the AF mode.

REG Mode: Press PTY for more than 2 seconds to switch REG mode on and off.

REG on: AF function will implement the regional code (of the PI) and only stations in the current region can be tuned automatically.

REG off: AF function will ignore the regional code (of the PI) and stations in the other regions can also be tuned automatically.

Traffic Announcements

Some RDS FM stations periodically provide traffic information.

TP (Traffic Program Identification): Broadcasting of traffic information

TA (Traffic Announcements Identification): Radio announcements on traffic conditions

TA Mode: When TA mode is turned on, the TA indicator will blink.

When traffic announcement is received, the TA indicator will display. The unit will temporarily switch to the tuner mode (regardless of the current mode) and begin broadcasting the announcement at TA volume level. After the traffic announcement is over, it will return to the previous mode and volume level. When TA is turned on, SEEK, SCAN, AMS function can only be received or saved when traffic program identification (TP) code is received.

EON (Enhanced Other Networks)

When EON data is received, the EON indicator lights and the TA and AF functions are enhanced.

TA: Traffic information can be received from the current station or stations in other network.

AF: The frequency list of preset RDS stations is updated by EON data. EON enables the radio to make fuller use of RDS information. It constantly updates the AF list of preset stations, including the one that currently tuned into. If you preset a station around the area at your home, you will later be able to receive the same station at an alternative frequency, or any other station serving the same program, EON also keeps track of locally available TP stations for quick reception.
RDS (Radio Data System)

PTY Reception (Program Type)

RDS FM stations provide a program type identification signal. Example: news, rock, info, sport, etc.

PTY Mode:
Press PTY to turn on the Program Type reception, the previous PTY type is shown. Press PTY once again to enter the MUSIC type or press twice to enter the SPEECH type, then use buttons 1 - 6 to select the desired program type. The selected PTY type is shown and searching starts if no other function is selected for 2 seconds. If there is no corresponding program type, NO PTY is shown and the unit will return to normal mode.

PTY Type Preset:
Press PTY once to enter the MUSIC type or press PTY twice to enter the SPEECH type. Then use function ①-⑥ to select the desired program type.

<table>
<thead>
<tr>
<th>PRESET NO.</th>
<th>MUSIC TYPE</th>
<th>SPEECH TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>POP M</td>
<td>NEWS</td>
</tr>
<tr>
<td></td>
<td>ROCK M</td>
<td>AFFAIRS</td>
</tr>
<tr>
<td>2</td>
<td>EASY M</td>
<td>INFO</td>
</tr>
<tr>
<td></td>
<td>LIGHT M</td>
<td>SPORT</td>
</tr>
<tr>
<td>3</td>
<td>CLASSICS</td>
<td>EDUCATE</td>
</tr>
<tr>
<td></td>
<td>OTHER M</td>
<td>DRAMA</td>
</tr>
<tr>
<td>4</td>
<td>JAZZ M</td>
<td>CULTLURE</td>
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<tr>
<td></td>
<td>COUNTRY</td>
<td>SCIENCE</td>
</tr>
<tr>
<td>5</td>
<td>NATIONAL M</td>
<td>VARIED</td>
</tr>
<tr>
<td></td>
<td>OLDIES M</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>FOLK M</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>WEATHER</td>
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<td></td>
<td></td>
<td>LEISURE</td>
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<tr>
<td></td>
<td></td>
<td>DOCUMENT</td>
</tr>
</tbody>
</table>
Disc Playback

Disc Load / Eject

**Load:** Press button to flip down the panel. Insert the disc into the slot.

**Eject:** Press button to flip down the panel. Press to eject the disc.

Disc Playback

1. When disc inserted, display shows LOAD. For MP3 or disc with mixed files, reading time may exceed 1 minute.
2. ERROR will be displayed if error found in disc operation.
3. For VCD/CD, VCD or CD icon will appear on the display.
5. For DVD, DVD icon will appear on the display and TITLE appears. Press ENTER or to play.

Disc Playable

**File type supported**

Audio file: MP3(*.mp3), WMA(*.wma)
Video file: MP4(*.avi), DIVX3.11/4.0/5.0/6.0/7.0
MPEG 2(*.vob)
MPEG 1(*.dat)
Picture file: JPEG(*.jpg)
MP3 file: ISO 9660 or ISO 9660 + Joliet format - Max. 30 characters.
Max. nested directory is 8 levels.
The max. album number is 99.
The max. length of each track is 99 minutes 59 seconds.
Supported sampling frequency for MP3 disc: 8KHz to 48KHz (44.1KHz preferably).
Supported bit-rates of MP3 disc are: 32 - 320 kbps (128 kbps preferably).

**Disc and file NOT supported**

*.AAC, *.DLF, *.M3U, *.PLS, MP3 PRO files and files with DRM.
Open session discs.
Audio/Video/Picture File Playback

When AUDIO/PICTURE/VIDEO file is played, Category/Folder/File list will be displayed on the screen, and file/folder name being played will be displayed on top. Current selected item will be highlighted.

Category Select
Use ◀/▶ to select AUDIO/PICTURE/VIDEO. Press ENTER to confirm.

Folder Select
Use ◀/▶ to enter folder list and use ▲/▼ to select desired folder, press ENTER to confirm.

File Select
Use ◀/▶ to enter file list and use ▲/▼ to select desired file, press ENTER to play back, press ■ to return.
For PICTURE, press ◀II to slide show the pictures, press PROG to select picture showing style.
For MUSIC, press ■ will enter intro logo, then press ◀II to return.
Repeat
During playback, press RPT once or more.
- RPT icon will appear on the display.
- For VCD/CD: Display appears RPT ONE → RPT ALL → RPT OFF
- For DVD: Display appears RPT CHAPTER → RPT TITLE → RPT OFF
- For File disc: Display appears RPT ONE → RPT DIR → RPT ALL → RPT OFF
Note: If you do not select RPT on, when the entire disc or TITLE playback has finished, the system will stop. If no other control, after 5 minutes the unit will turn into standby mode.

Repeat A → B
Select desired passage to repeat playback.
- Press A → B once to select starting point. Display shows REPEAT A.
- Press A → B again to select ending point. Display shows REPEAT A → B, and selected passage start to replay.
- Press A → B once again to exit. Display shows A → B CANCELLED.
Track Playback

Pause
- During playback, press ►II to pause playback.
- The sound will be muted.
- Display "PAUSE" in the TV screen, display and blink "PAUSE" on the panel display.
- Press ►II again to continue playback.

PBC - Playback Control (for VCD only)
1. If you insert a VCD with PBC, playback starts from the beginning of the 1st track automatically.
2. Press PBC to show menu, use ►◄ / ►► or digit button to select desired track. Press ■ to return to menu. Press PBC again to exit menu.

GOTO
Goto desired track/chapter or time point directly.
- Press GOTO button on the remote control, track or DVD Title/Chapter and time display on top of the screen. Current item is highlighted. Use ◄ / ► to select desired item. Use digit button to select number. Press ENTER to confirm.

Program
- Press PROG to enter program list. Use ▲ / ▼ or ◄ / ► cursor and digit button to enter number.
- For DVD and File disc, select title and chapter number.
- For VCD and CD, select track number.
- Press ►II to play, or move the cursor to select "PLAY" and press ENTER to play.
- If you want to delete the list, move the cursor to "CLEAR", press ENTER to delete all the list set before.
- Press PROG again to exit program play.
DVD Playback

**DVD Audio Select**
Press AUDIO or R/L to select audio language to listen if the DVD has multiple audio languages.

**VCD Audio Select**
Press R/L to select audio channel to listen.

**DVD Subtitle Select**
Press SUB.T to select the subtitle language to show if the DVD has multiple language subtitles.

**DVD TITLE Select**
Press TITLE to display title or chapter list, use ◀/▶ or ▲/▼ cursor or digit number to select, press ENTER to play.

**DVD Angle Select**
Press ANGLE to select different angle to view if the DVD has multiple-angle views.

**ZOOM**
Press ZOOM button, the picture will be zoomed accordingly.

X2 → X3 → X4 → X1/2 → X1/3 → X1/4 → OFF
DVD Setup

Press SETUP to display setup menu on the screen. Use ◀/▶ to select setup items:

SYSTEM → LANGUAGE → AUDIO → VIDEO → DIGITAL

Use ◀/▶, ▲/▼ to select and ENTER to confirm.

TV System
Select the TV system in the setting menu.

Screen Saver
The screen saver appears if disc stop last more than 3 minutes. Original setting: ON.

Video Output Mode
Original setting: INTERLACE-YUV.

DVD System Setup
# DVD System Setup

## Setting TV type
Select TV type to watch wide screen movies.
- **4:3 Pan Scan:** For 4:3 TV, left and right edges will be cut.
- **4:3 Letter Box:** For 4:3 TV, black bars will appear on top and bottom.
- **16:9:** For 16:9 wide screen TV.

### System Setup Menu

<table>
<thead>
<tr>
<th>TV SYSTEM</th>
<th>4:3 PS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCREEN SAVER</td>
<td>4:3 LB</td>
</tr>
<tr>
<td>VIDEO</td>
<td>4:3</td>
</tr>
<tr>
<td>TV TYPE</td>
<td>16:9</td>
</tr>
<tr>
<td>PASSWORD</td>
<td>DEFAULT</td>
</tr>
<tr>
<td>RATING</td>
<td>EXIT SETUP</td>
</tr>
</tbody>
</table>

## Setting Password
1. Press number button "0000" on the remote control, then press the ENTER button to confirm.
2. Press the desired 4-digit password, and then press ENTER button to confirm.
3. Record the password and keep it in a safe place for future reference.

### If you forget the password, please enter 0000 to reset a new password. The password : 0000

## Setting Rating
The rating of the disc is from 1 to 8:
- (1) with the most limit when playing.
- (8) with the least limit when playing.

**Original setting:** 8

Note: The rating can be selected only under the password unlocked status, and the limit can be worked only under the password locked status.

### System Setup Menu

<table>
<thead>
<tr>
<th>TV SYSTEM</th>
<th>1 KID SAFE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCREEN SAVER</td>
<td>2 G</td>
</tr>
<tr>
<td>VIDEO</td>
<td>3 PG</td>
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<td>4 PG13</td>
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<td>PASSWORD</td>
<td>5 PG-R</td>
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<td>RATING</td>
<td>6 R</td>
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<tr>
<td>DEFAULT</td>
<td>7 NC-17</td>
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<tr>
<td>EXIT SETUP</td>
<td>8 ADULT</td>
</tr>
</tbody>
</table>

## Load Default
If this item is selected, the unit will return to original setting.

### System Setup Menu

<table>
<thead>
<tr>
<th>TV SYSTEM</th>
<th>4:3 PS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCREEN SAVER</td>
<td>4:3 LB</td>
</tr>
<tr>
<td>VIDEO</td>
<td>4:3</td>
</tr>
<tr>
<td>TV TYPE</td>
<td>16:9</td>
</tr>
<tr>
<td>PASSWORD</td>
<td>DEFAULT</td>
</tr>
<tr>
<td>RATING</td>
<td>RESTORE</td>
</tr>
<tr>
<td>DEFAULT</td>
<td>EXIT SETUP</td>
</tr>
</tbody>
</table>
## DVD Language Setup

### OSD Language
Select on screen display language of the DVD.

<table>
<thead>
<tr>
<th>LANGUAGE SETUP</th>
<th>OSD LANGUAGE</th>
<th>AUDIO LANG</th>
<th>SUBTITLE LANG</th>
<th>MENU LANG</th>
<th>EXIT SETUP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ENGLISH</td>
<td>GERMAN</td>
<td>HUNGARIAN</td>
<td>CZECH</td>
<td></td>
</tr>
</tbody>
</table>

### Audio Language
Select audio language of the DVD from which are contained in the DVD.

<table>
<thead>
<tr>
<th>LANGUAGE SETUP</th>
<th>OSD LANGUAGE</th>
<th>AUDIO LANG</th>
<th>SUBTITLE LANG</th>
<th>MENU LANG</th>
<th>EXIT SETUP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ENGLISH</td>
<td>GERMAN</td>
<td>FRENCH</td>
<td>HUNGARIAN</td>
<td>CZECH</td>
</tr>
</tbody>
</table>

### Subtitle Language
Select subtitle language of the DVD from which are contained in the DVD.

<table>
<thead>
<tr>
<th>LANGUAGE SETUP</th>
<th>OSD LANGUAGE</th>
<th>AUDIO LANG</th>
<th>SUBTITLE LANG</th>
<th>MENU LANG</th>
<th>EXIT SETUP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ENGLISH</td>
<td>GERMAN</td>
<td>FRENCH</td>
<td>HUNGARIAN</td>
<td>CZECH</td>
</tr>
</tbody>
</table>

### Menu Language
Select menu language of the DVD from which are contained in the DVD.

<table>
<thead>
<tr>
<th>LANGUAGE SETUP</th>
<th>OSD LANGUAGE</th>
<th>AUDIO LANG</th>
<th>SUBTITLE LANG</th>
<th>MENU LANG</th>
<th>EXIT SETUP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ENGLISH</td>
<td>GERMAN</td>
<td>FRENCH</td>
<td>HUNGARIAN</td>
<td>CZECH</td>
</tr>
</tbody>
</table>
**DVD Audio Setup**

**Setting Volume**
Setup the volume with the ▲ / ▼ buttons.

<table>
<thead>
<tr>
<th>AUDIO SETUP</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AUDIO OUT</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>KEY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EXIT SETUP</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
**DVD Video Setup**

**Brightness**
Set the brightness of the video output with ▲ / ▼.

**Contrast**
Set the contrast of the video output with ▲ / ▼.

**Hue**
Set the hue of the video output with ▲ / ▼.

**Saturation**
Set the saturation of the video output with ▲ / ▼.

**Sharpness**
Set the sharpness of the video output with ▲ / ▼.
DVD Digital Setup

Output Mode
Select the output mode:
LINE OUT: Compress the input signal. The volume is small.
RF REMOD: The volume is large.

Dynamic Range
When you select the compressed mode as "line out", select it to adjust the compression proportion and get the different compressed effect.
When select FULL, the audio signal is minimum; when select OFF, the audio signal is maximum.

Dual Mono
Select the audio channel from STEREO, MONO L, MONO R and MIX MONO.
Electrical Connections

Wiring Diagram

For some VW/Audi or Opel/Vauxhall car models, you may need to modify wiring of the supplied power cord as illustrated, or else the memory of the unit may be lost after you power off. Contact your authorized car dealer before installing this unit.

Original wiring

Modified wiring

Important:
Parking lead at power connector MUST be connected to the switched side of the parking brake circuit (the side that becomes ground when the brake is applied), and in ‘General Set Up’ screen, parking mode MUST be set to ‘on’. Improper connection, use of lead and incorrect setting may violate road traffic regulations.
Electrical Connections

Using the ISO Connector

1. If your car is equipped with the ISO connector, then connect the ISO connectors as illustrated.
2. For connections without the ISO connectors, check the wiring in the vehicle carefully before connecting, incorrect connection may cause serious damage to this unit. Cut the connector, connect the colored leads of the power cord to the car battery, as shown in the colour code table below for speaker and power cable connections.

<table>
<thead>
<tr>
<th>Location</th>
<th>Connector A</th>
<th>Connector B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rear Right (+) - Purple</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Rear Right (-) - Purple / Black Stripe</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Front Right (+) - Gray</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Battery 12V(+)/yellow</td>
<td>Front Right (-) - Gray / Black Stripe</td>
</tr>
<tr>
<td>5</td>
<td>ANT/Amp control/blue</td>
<td>Front Left(+) - White</td>
</tr>
<tr>
<td>6</td>
<td>Front Left(-) - White / Black Stripe</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>ACC+/red</td>
<td>Rear Left (+) - Green</td>
</tr>
<tr>
<td>8</td>
<td>Ground/black</td>
<td>Rear Left (-) - Green / Black Stripe</td>
</tr>
</tbody>
</table>
**Installation Guide**

**Installation Procedures**

First complete the electrical connections, and then check for correctness.

**Reset**

Press button to flip down the panel. Then press the **RESET** button with a pointed object to reset the unit to the original status. Note: Press the **RESET** button will erase the clock and stored stations.

**Installation Opening**

This unit can be installed in any dashboard having an opening as shown below. The dashboard should be 4.75mm - 5.56mm thick in order to be able to support the unit.

1. **Inset mounting collar into the dashboard, and bend the mounting tabs out with a screwdriver.**

   Make sure that lock lever (※) is flush with the mounting collar (not projecting outward).

2. **Secure the rear of the unit.**

   After fixing mounting bolt and power connector, fix the rear of the unit to the car body by rubber cushion.

3. **Insert trim plate.**
Anti-Theft System

This unit is equipped with a flip-down detachable panel. Panel can be detached and taken with you, helping to deter theft.

Remove the panel
1. Press button to switch off the power of the unit.
2. Press button to flip down the panel.
3. Hold the right of the panel. Take off right end, and then take off the left end.
4. Place the panel into the case and take it with you when you leave the car.

Install the panel
1. Hold the panel and ensure the panel faces downwards, and set the left side of the panel in the panel bracket.
2. Press the right side of the panel until it locks.

Remove the unit
1. Remove the panel and the trim plate.
2. Insert both T-Keys into hole on the front of the set until they lock.
3. Pull out the unit.
Troubleshooting

If you suspect something is wrong, immediately switch power off. Do not use the unit in abnormal condition, for example without sound, or with smoke or foul smell, can cause fire or electric shock. Immediately stop using it and call the store where you purchased it. Never try to repair the unit yourself because it is dangerous to do so.

General

No power or no sound.
Car’s engine switch is not on. Turn your car’s key to ACC or ON.
Cable is not correctly connected. Check connection.
Fuse is blown. Replace fuse.
Check volume or mute on / off.
If the above solutions cannot help. Press the RESET button.
Check that telephone mute input cable is not been trapped and grounded during installation.

Disc

Disc is inside but no sound.
Disc is upside down.
Place disc in the correct direction, and the label side up.
Disc is dirty or damaged. Clean disc or change another disc.

Disc sound skips, tone quality is low.
Disc is dirty or damaged. Clean CD or change another CD.

Sound skips due to vibration.
Mounting angle is over 30°.
Adjust mounting angle to less than 30°.
Unstable mounting.
Mount the unit securely with the mounting parts.

Radio

Noise in broadcasts.
Station is too far, or signals are too weak.
Select other stations of higher signal level.

Preset station lost.
Battery cable is not correctly connected.
Connect the battery cable to the terminal that is always live.

Error Display Messages

Display shows ERROR.
Disc is dirty, damaged or upside down.
Press ▲ to eject the disc.

When video file initializing time is too long.
File read error or file type not supported.
Press SRC to exit. Then press SRC to play disc again.
## Specifications

### General

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>12V DC (11V-16V)</td>
</tr>
<tr>
<td>Test voltage</td>
<td>14.4V, negative ground</td>
</tr>
<tr>
<td>Maximum power output</td>
<td>45Wx4 channels</td>
</tr>
<tr>
<td>Continuous power output</td>
<td>25Wx4 channels (4Ω10% T.H.D.)</td>
</tr>
<tr>
<td>Suitable speaker impedance</td>
<td>4-8 ohm</td>
</tr>
<tr>
<td>Pre-Amp output voltage</td>
<td>2.0V (CD play mode: 1kHz, 0dB, 10KΩ load)</td>
</tr>
<tr>
<td>Fuse</td>
<td>15A</td>
</tr>
<tr>
<td>Dimensions (WxHxD)</td>
<td>178x50x166mm</td>
</tr>
<tr>
<td>Weight</td>
<td>2.2kg</td>
</tr>
<tr>
<td>Sub-out</td>
<td>2.0V</td>
</tr>
<tr>
<td>Aux-in level</td>
<td>≥ 300mV</td>
</tr>
</tbody>
</table>

### 3 INCH TFT LCD

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display resolution (dot)</td>
<td>960 (W) x 240 (H)</td>
</tr>
<tr>
<td>Active area (mm)</td>
<td>60.00 x 45.00</td>
</tr>
<tr>
<td>Screen size (inch)</td>
<td>3.0 (Diagonal)</td>
</tr>
<tr>
<td>Dot pitch (mm)</td>
<td>0.0625 x 0.1875</td>
</tr>
<tr>
<td>Contrast ratio</td>
<td>300</td>
</tr>
<tr>
<td>Brightness</td>
<td>350 nits</td>
</tr>
</tbody>
</table>

### FM Stereo Radio

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency range</td>
<td>87.5-108.0 MHz (Europe)</td>
</tr>
<tr>
<td></td>
<td>87.5-107.9 MHz (America)</td>
</tr>
<tr>
<td>Usable sensitivity</td>
<td>8 dBμ</td>
</tr>
<tr>
<td>Frequency response</td>
<td>30 Hz - 15 KHz</td>
</tr>
<tr>
<td>Stereo separation</td>
<td>30 dB (1 kHz)</td>
</tr>
<tr>
<td>Image response ratio</td>
<td>50 dB</td>
</tr>
<tr>
<td>IF response ratio</td>
<td>70 dB</td>
</tr>
<tr>
<td>Signal/noise ratio</td>
<td>&gt; 55 dB</td>
</tr>
</tbody>
</table>

### AM(MW) Radio

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency range</td>
<td>522-1620 KHz (Europe)</td>
</tr>
<tr>
<td></td>
<td>530-1710 KHz (America)</td>
</tr>
<tr>
<td>Usable sensitivity</td>
<td>(S/N=20 dB) 30 dBμ</td>
</tr>
</tbody>
</table>

### Disc Player

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>System</td>
<td>Disc digital audio system</td>
</tr>
<tr>
<td>Frequency response</td>
<td>20 Hz - 20 KHz</td>
</tr>
<tr>
<td>Signal/noise ratio</td>
<td>&gt; 80 dB</td>
</tr>
<tr>
<td>Total harmonic distortion</td>
<td>Less than 0.20% (1 KHz)</td>
</tr>
<tr>
<td>Channel separation</td>
<td>&gt; 60 dB</td>
</tr>
<tr>
<td>Video signal format system</td>
<td>PAL/NTSC/AUTO</td>
</tr>
<tr>
<td>Video</td>
<td></td>
</tr>
<tr>
<td>Video output</td>
<td>1 ± 0.2 V</td>
</tr>
<tr>
<td>Horizontal resolution</td>
<td>≥ 500 lines</td>
</tr>
</tbody>
</table>

### Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting collar</td>
<td>1</td>
</tr>
<tr>
<td>Machine screws M5x6 mm</td>
<td>4</td>
</tr>
<tr>
<td>Machine screws M4x6 mm</td>
<td>4</td>
</tr>
<tr>
<td>Mounting bolt (50mm)</td>
<td>1</td>
</tr>
<tr>
<td>Wire connector</td>
<td>1</td>
</tr>
<tr>
<td>Removable face plate case</td>
<td>1</td>
</tr>
<tr>
<td>Trim plate</td>
<td>1</td>
</tr>
<tr>
<td>T-key</td>
<td>2</td>
</tr>
<tr>
<td>Operating Instructions</td>
<td>1</td>
</tr>
<tr>
<td>Rubber cushion</td>
<td>1</td>
</tr>
<tr>
<td>Remote control</td>
<td>1</td>
</tr>
</tbody>
</table>

**Note:** Specifications and the design are subject to change without notice due to improvements in technology.