

**SOUND STORM<sup>®</sup>**  
LABORATORIES

**SDVD  
150T**



**MOBILE DVD / MP3 / CD-R / RW**

**WITH WIRELESS REMOTE CONTROL**

**USER'S MANUAL**

## FEATURES

### **Compatible with PAL DVD (Video CD) and NTSC DVD (Video CD)**

This player can play discs recorded in either PAL or NTSC format.

- A single LSI chip now integrates all major DVD playback circuit functions including MPEG2 decoder, video D/A converter, and audio decoders.
- L/R stereo analog audio outputs for connection to existing head unit aux inputs. Video output is composite video.
- Supplied remote handles multi-function software (multi-language audio-track/subtitle, multi-angle, multi-story, etc.), plus all basic functions.

## USE THIS PRODUCT SAFELY

### **When Driving**

Keep the volume level low enough to be aware of road and traffic conditions.

### **When Washing Your Car**

Do not expose the product to water or excessive moisture. This could cause electrical shorts, fire or other damage.

### **When Parked**

Parking in direct sunlight can produce very high temperatures inside your vehicle. Give the interior a chance to cool down before starting playback.

### **Use the Proper Power Supply**

This product is designed to operate with a 12 volt DC, negative ground battery system (the regular system in a North American car).

### **Protect the Disc Mechanism**

Avoid inserting any foreign objects into the slot of this player.

Failure to observe this may cause malfunction due to the precise mechanism of this unit.

### **Use Authorized Service Centres**

Do not attempt to disassemble or adjust this precision product. Please refer to the Service Centre list included with this product for service assistance.

### **For Installation**

The unit should be installed in a horizontal position with the front end up at a convenient angle, but not more than 30°.

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# SAFETY INFORMATION

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## **CAUTION:**

MOBILE DVD PLAYER IS A CLASS I LASER PRODUCT. HOWEVER THIS MOBILE DVD PLAYER USES A VISIBLE/INVISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE MOBILE DVD PLAYER CORRECTLY AS INSTRUCTED. 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.

## **WARNING:**

- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.
- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, AND ANNOYING INTERFERENCE, USE ONLY THE RECOMMENDED ACCESSORIES.
- THIS DEVICE IS INTENDED FOR CONTINUOUS OPERATION.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

## **Region Management Information**

**Region Management Information:**  
This Mobile DVD Player is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number of this Mobile DVD Player, this Mobile DVD Player cannot play this disc.

# DISC NOTES

## Disc formats supported by this player



**DVD**  
12 cm disc  
(Single-sided disc only)



**Video CD**  
12 cm disc



**CD**  
12 cm disc



**MP3**  
12 cm disc

## Discs which cannot be played with this player

- DVD-ROM
- DVD-R/DVD-RAM
- CDV
- CD-G

## Handling and Cleaning

- Dirt, dust, scratches and warping disc will cause misoperation.
- Do not place stickers or make scratches on discs.
- Do not warp discs.
- A disc should always be kept in its case when not in use to prevent damage.
- Do not place discs in the following places:
  1. Direct sunlight
  2. Dirty, dusty and damp areas
  3. Near car heaters
  4. On the seats or dashboard

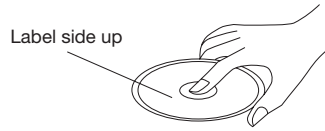
## Disc Cleaning

Use a dry soft cloth to wipe the surface. If the disc is quite dirty, use a soft cloth slightly moistured with isopropyl (rubbing) alcohol. Never use solvents such as benzine, thinner or conventional record cleaners as they may mar the surface of the disc.

### Note:

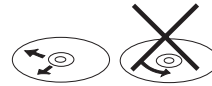
A disc may become somewhat scratched (although not enough to make it unplayable) depending on how it is handled and the conditions of exposure.

Note these scratches are not an indication of any problem with the player.



Do not touch the underside of the disc

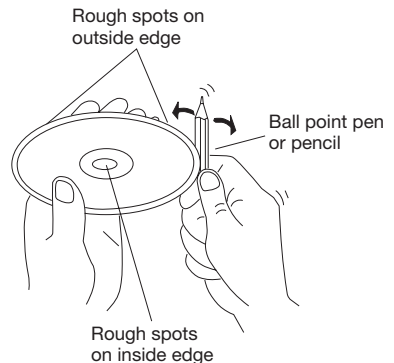
Do not bend



Wipe the disc from center toward the outside edge

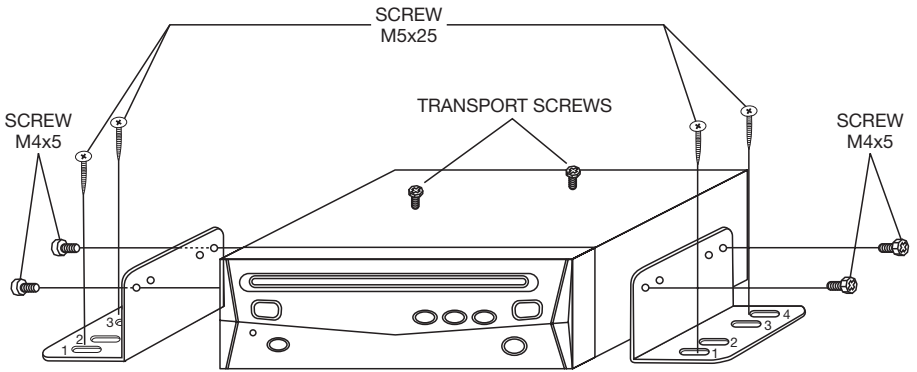
## Preparing New Discs with Rough Spots

A new disc may have rough edges on its inside and outside edges. If a disc with rough edges is used, the proper setting will not be performed and the player will not play the disc. Therefore, remove the rough edges in advance by using a ball point pen or pencil as shown on the right. To remove the rough edges, press the side of the pen or pencil against the inside and outside edges of the disc.



# INSTALLATION

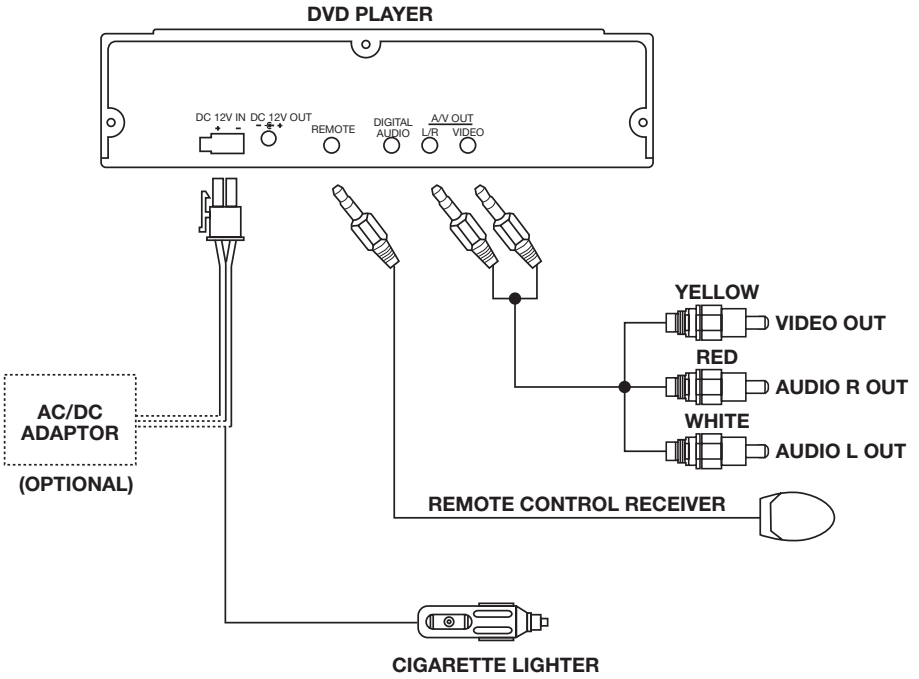
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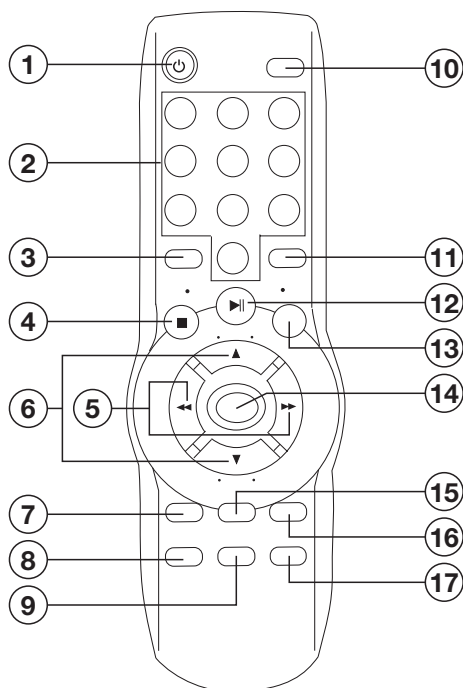
**Note:**

1. First remove the two transport screws. Next, attach the brackets to each side of the unit with the supplied screws (M4x5). Then mount the unit using (M5x25) screws.
2. The brackets have slots allowing you to slide the unit into the desired position before tightening the screws. There are multiple slots. Choose the two (1 and 3 or 2 and 4) that best suit your mounting location.

# ELECTRIC CONNECTION



# REMOTE CONTROL



- |             |  |
|-------------|--|
| 1.  POWER   | Press POWER to turn the unit ON or OFF   |
| 2. 0 - 9    | Numeric buttons  |
| 3. GOTO     | Disc search button, cooperatively used with numeric buttons  |
| 4.          | Press it to stop playback  |
| 5.          | Press  to start forward rapidly &  to reverse rapidly  |
| 6.          | Press  to skip to the next track & press  to skip back one track<br>In case of MENU mode, those buttons served as cursor buttons |
| 7. SUBTITLE | Changing of the SUBTITLE language on multi-subtitle language DVD disc  |
| 8. SETUP    | Display the SETUP menu   |
| 9. TITLE    | Display the TITLE menu that is stored in DVD disc  |
| 10. DISPLAY | Display statistical disc information during playback   |
| 11. REPEAT  | Switch the Repeat mode of DVD/VCD/CD disc  |
| 12.         | Press once to pause a play, press again to resume continuous playback  |
| 13. SLOW    | Changing for slow forward/reverse playback motion  |
| 14. ENTER   | Confirm the Track/Chapter selected with the number key or selected with the cursor buttons on TV screen                          |
| 15. AUDIO   | Changing of the AUDIO soundtrack on multi-audio soundtrack DVD disc. Changing of the sound mode of the VCD/CD disc               |
| 16. ANGLE   | Changing of the view angle on multi-angle DVD disc   |
| 17. MENU    | Display the root menu that is stored on the DVD disc<br>Changing between PBC ON and PBC OFF on the VCD disc                      |



# REMOTE CONTROL

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## Preparing the Remote Control

### *Inserting the Batteries*

1. Open the battery compartment cover.
2. Insert the new batteries. Make sure the positive and negative terminals are oriented as indicated. This remote uses two AAA batteries.
3. Close the cover

### *Using the Remote Control*

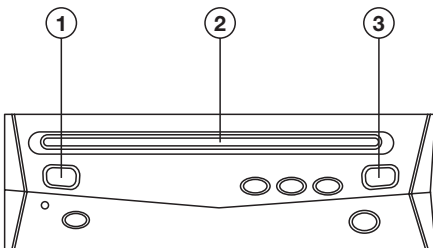
Point the remote control toward the front of the player or at the remote eye.

Operation angle: About  $\pm 30$  degree in each the direction of the front of the IR mark.

**To prevent damage to the unit, be sure to follow the connection diagram (page 7).**

## Loading a DVD/VCD/CD Disc

1. Turn the ignition key to the accessory (ACC) position.
2. Press the POWER button (1).
3. Insert the disc with printed side facing up into the disc slot (2).
4. The player starts playback automatically.



## Ejecting a Disc

Press ▲ (EJECT) button (3) to eject the disc.

# BASIC OPERATION

## Stopping Play

- Brief press the ■ (Stop) button to stop the unit playback, when press the ►|| (Play) button it can continuous normal playback.
- Press ■ (Stop) button twice, it will stop the playback and go back to initial Track/Chapter.

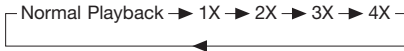
## Rapid Forward/Rapid Reverse

Press ►► FF & ◀◀ REW during play. Each time the button is pressed, the speed of rapid forward/reverse changes according to the disc as follow.

DVD:



VCD/CD:



MP3:



## Skipping Track

Press SKIP ▲/▼ on the remote handset or ◀◀ / >>> buttons on the front panel during playback. Press ▲ or >>> to skip to next track, and ▼ or ◀◀ to back one track. Note: For some VCD 2.0 discs (PBC-playback control), ▲/▼ and ◀◀ / >>> buttons may be unavailable.

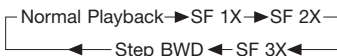
## Slow Motion Play

Press slow button during playback. Each time the button is pressed, the slow modes are changes according the disc as follow.

DVD:



VCD:



## Pause (still picture)

Pressing ►|| during playback will stop play temporary.

Return to normal playback, press ►|| once again.

## Repeat

Press the REPEAT button to select repeat mode as follow.

DVD:

Press the REPEAT button to select repeat mode as follow.



VCD/CD:

Press the REPEAT button to select repeat mode as follow.



1. Continuously repeat at the current chapter/track, when selected REP-ONE mode.
2. Select REP-ALL mode to continuously repeat all chapter/track on the current disc.
3. When the player finish playback the current disc last chapter/track, it will stop display the elapsed time. When selected REPEAT OFF mode (REP-ONE & REP-ALL disappear at the screen display).
4. REPEAT feature not support VCD2.0 (with PBC).

## Reset

Reset button is placed on the front panel and must be activated with a ball point pen or thin metal object. Reset button is to be activated for the following reasons:

- Initial installation of the unit when all wiring is completed.
- All the function buttons do not operate.
- Error symbol on the display.

## Remote Sensor (IR)

Point the remote handset to the remote sensor. Receive the signal from remote handset.

## Tuning the player on/off

Press the ⏻ (POWER) button on front of panel or press ⏻ (POWER) button on remote control to turn the player on or off.

# BASIC OPERATION

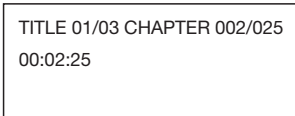
## On-Screen Display Function

Press the DISPLAY button during playback to display the contents of the current disc on the screen.

Example:

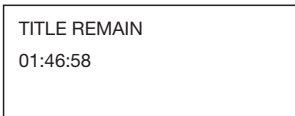
DVD:

(1) Press DISPLAY for the first time:

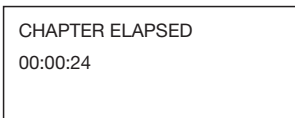


Title Number, Total Title Number, Chapter Number, Total Chapter Number of this Title of the disc currently being played will be shown on the screen, along with the elapsed time.

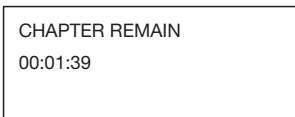
(2) Press DISPLAY for the second time:



(3) Press DISPLAY for the third time:



(4) Press DISPLAY for the fourth time:



(5) Press DISPLAY for the fifth time:

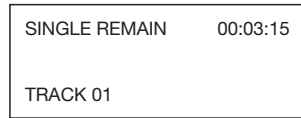
The message on the screen will be cleared.

Video CD/SVCD/CD:

(1) Press DISPLAY for the first time:



(2) Press DISPLAY for the second time:



(3) Press DISPLAY for the third time:



(4) Press DISPLAY for the fourth time:



(5) Press DISPLAY for the fifth time:

The message on the screen will be cleared.

MP3:

Each time DISPLAY is pressed, the message displayed on screen changes as follows:



## Multi-audio Language Function

DVD:

Press AUDIO during playback.

Each time the button is pressed, number of the audio soundtrack language changes on sequential order.

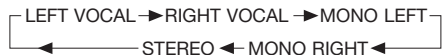
Notes:

- The language number is different according to the disc.
- Some disc only contain one language soundtrack.
- When no different language soundtrack are recorded, will be display at screen left top corner.

VCD:

Press AUDIO during playback.

It is possible to switch the sound between monaural and stereo sound.



## BASIC OPERATION

---

CD:

Press AUDIO during playback.

It is possible to switch the sound between monaural and stereo sound.



### MENU Function

DVD:

Press MENU button while the disc is playing and the disc menu will be displayed. You can navigate with the remote control navigation keys and select a feature with the ENTER key.

VCD:

Press MENU button while the disc is playing, you can switch between “PBC on” and “PBC off” mode.

### TITLE Menu Function (For DVD only)


If the DVD has multiple titles recorded on the disc. It can select preferred title from the title menu to start playback.

1. Press TITLE during playback.  
The title menu is display.
2. Press the cursor button show in TV screen, select preferred title by the cursor button and confirmed by ENTER key.

### Multi-subtitle Language Function (For DVD only)

Press SUBTITLE during playback. Each time the button is pressed, number of the subtitle language changes in sequential order.

Notes:


- The language number is different according to the disc.
- Some discs only contain one language soundtrack.
- When no different language soundtrack are recorded  will be display at screen left top corner.

### Multi-angle Function (For DVD only)

Press ANGLE during playback.

Each time the button is pressed, number of the angle changes in sequential order.

Notes:

- The angle number is different according to the disc.
- The function only work for discs having scenes recorded at different angles.
- When no different angle are recorded  will be display at screen left top corner.

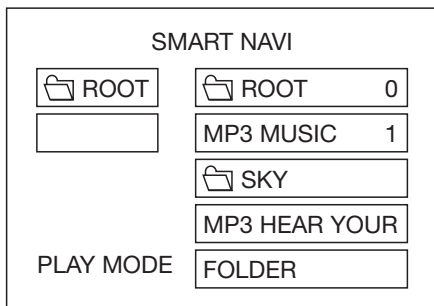
## BASIC OPERATION

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### MP3 Disc Play

MP3 disc is playing as the format of FOLDER.

For example:



Use ▲▼◀▶ to select the item or folder, then press ENTER button. Pressing REPEAT button repeatedly can select three kinds of repeat play mode.

REP-ONE:

Play the same song over and over again.

FOLDER REPEAT:

Play all songs in the current directory in sequence, over and over again.

FOLDER:

Play all songs in the current directory once.

When select PLAY MODE, press ▼ to change between the following mode:

SINGLE → REP-ONE → FOLDER → FOLDER REP →

DISC SCAN → DISC → DISC REP → RANDOM →

SHUFFLE ON → PROGRAM PXXX

In the playback, use ▲ or ▼ to skip an item ahead or back.

◀◀: Rapid reverse, ▶▶: Rapid advance

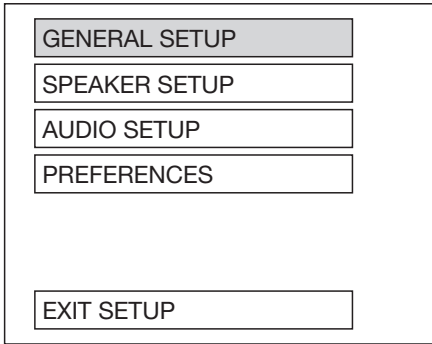
Note: The FOLDER cannot be selected during playing. It can be selected after

■ (Stop) button pressed.

# SETUP

## INITIAL SETUP

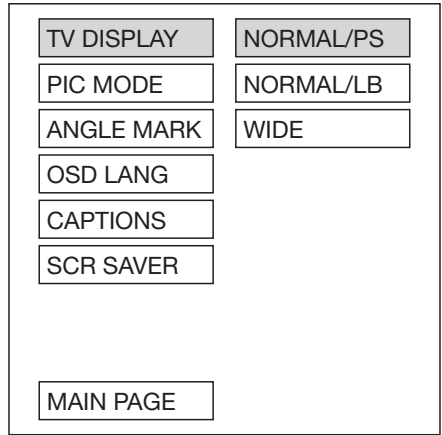
SETUP MENU --- MAIN PAGE



1. Press SETUP in the stop mode.  
(Press the stop button twice to ensure the player under STOP mode.)
2. The initial SETUP menu is displayed.
3. Select the preferred item by using the ▲/▼ buttons.
4. Press ENTER buttons.
  - a. GENERAL SETUP  
This setup page includes all the item of TV display & audio output feature. The detail please refer to **GENERAL SETUP MENU**.
  - b. SPEAKER SETUP  
This is to activate the audio output from DOLBY AC3 5.1 DOWNMIX to 2 channel mode. Please refer to **SPEAKER SETUP MENU**.
  - c. AUDIO SETUP  
This setup page includes all the items for AUDIO. Please refer to **AUDIO SETUP MENU**.
  - d. PREFERENCE SETUP  
This setup page includes all the configuration of support feature. The detail please refer to **PREFERENCES SETUP MENU**.

## GENERAL SETUP

--- GENERAL PAGE ---



| Video Material | TV Screen |          |            |             |
|----------------|-----------|----------|------------|-------------|
|                | 4:3       |          |            | Wide (16:9) |
|                | Normal    | Pan Scan | Letter-box |             |
| 4:3            |           |          |            |             |
| 16:9           |           |          |            |             |

### TV display setup

This is to select the appropriate TV aspect (4:3 or 16:9) according to the connected TV set.

#### Normal/PS (For 4:3 TV)

Played back in the PAN & SCAN style. (If connected to wide-screen TV, the left and right edges are cut off.)

#### Normal/LB (For 4:3 TV)

Played back in letterbox style. (If connected to wide-screen TV, black bands appear at top and bottom of the screen.)

#### Wide (For 16:9 TV)

Select when a wide-screen TV set is connected.

# SETUP

--- GENERAL PAGE ---

|            |           |
|------------|-----------|
| TV DISPLAY |           |
| PIC MODE   | AUTO      |
| ANGLE MARK | HI-RES    |
| OSD LANG   | N-FLICKER |
| CAPTIONS   |           |
| SCR SAVER  |           |
| MAIN PAGE  |           |

## PIC mode setup

Select AUTO, the player PIC mode will depend on DVD disc.  
Select HI-RES format for best image resolution.  
Select N-FLICKER format on format on image or picture under noise affect.

--- GENERAL PAGE ---

|            |         |
|------------|---------|
| TV DISPLAY |         |
| PIC MODE   |         |
| ANGLE MARK |         |
| OSD LANG   | ENGLISH |
| CAPTIONS   |         |
| SCR SAVER  |         |
| MAIN PAGE  |         |

## OSD LANG type setup

Select the preferred OSD language by using the ▲/▼ buttons.

--- GENERAL PAGE ---

|            |     |
|------------|-----|
| TV DISPLAY |     |
| PIC MODE   |     |
| ANGLE MARK | ON  |
| OSD LANG   | OFF |
| CAPTIONS   |     |
| SCR SAVER  |     |
| MAIN PAGE  |     |

## ANGLE MARK display setup

If it is set to ON, when the multi-angle DVD disc is playing, 𐄀 (the angle mark) will appear on the screen; if is set to OFF, the mark will not appear.

--- GENERAL PAGE ---

|            |     |
|------------|-----|
| TV DISPLAY |     |
| PIC MODE   |     |
| ANGLE MARK |     |
| OSD LANG   |     |
| CAPTIONS   | ON  |
| SCR SAVER  | OFF |
| MAIN PAGE  |     |

## CAPTIONS setup

Activate the CAPTIONS feature by selecting ON. And release this feature by selecting OFF.

# SETUP

--- GENERAL PAGE ---

|            |     |
|------------|-----|
| TV DISPLAY |     |
| PIC MODE   |     |
| ANGLE MARK |     |
| OSD LANG   |     |
| CAPTIONS   |     |
| SCR SAVER  | ON  |
|            | OFF |
| MAIN PAGE  |     |

## SCR SAVER setup

Select the SCR SAVER output ON/OFF.

## SPEAKER SETUP

--- SPEAKER SETUP PAGE ---

|           |        |
|-----------|--------|
| DOWNMIX   | LT/RT  |
|           | STEREO |
| MAIN PAGE |        |

This is to activate the audio output from DOLBY AC3 5.1 DOWNMIX to 2 channel mode. Select the preferred SPEAKER connection by using the cursor buttons.

- Select the LT/RT to activate the Dolby surround compatible output.
- Select the STEREO to activate simple stereo mode.

## AUDIO SETUP

--- AUDIO SETUP ---

|             |           |
|-------------|-----------|
| AUDIO OUT   | ANALOG    |
| OP MODE     | SPDIF/RAW |
| DYNAMIC     | SPDIF/PCM |
| LPCM OUTPUT |           |
| MAIN PAGE   |           |

## AUDIO OUT

This is to activate the audio output from ANALOG mode to SPDIF/RAW mode to SPDIF/PCM mode.

--- AUDIO SETUP ---

|             |           |
|-------------|-----------|
| AUDIO OUT   |           |
| OP MODE     | LINE MODE |
| DYNAMIC     | RF REMOD  |
| LPCM OUTPUT |           |
| MAIN PAGE   |           |

## OP MODE

There are two operating modes for the Dolby Digital decoder: LINE OUT and RF REMOD.



# SETUP

--- AUDIO SETUP ---

|                |      |
|----------------|------|
| AUDIO OUT      |      |
| OP MODE        |      |
| <b>DYNAMIC</b> |      |
| LPCM OUTPUT    |      |
|                | FULL |
|                | 6/8  |
|                | 4/8  |
|                | 2/8  |
|                | OFF  |
| MAIN PAGE      |      |

## Dynamic Range Control

Select DRC and adjust the dynamic range of a Dolby Digital encoded program. There are 8 steps between full compression and off compression.

--- AUDIO SETUP ---

|                    |          |
|--------------------|----------|
| AUDIO OUT          |          |
| OP MODE            |          |
| DYNAMIC            |          |
| <b>LPCM OUTPUT</b> | LPCM 48K |
|                    | LPCM 96K |
| MAIN PAGE          |          |

## LPCM OUTPUT

Select the LPCM OUTPUT between LPCM 48K and LPCM 96K.

# PREFERENCES SETUP

--- PREFERENCES PAGE ---

|                |      |
|----------------|------|
| <b>TV TYPE</b> | AUTO |
| AUDIO          | NTSC |
| SUBTITLE       | PAL  |
| DISC MENU      |      |
| PARENTAL       |      |
| PASSWORD       |      |
| DEFAULTS       |      |
| SMART NAV      |      |
| MAIN PAGE      |      |

## TV type setup

This player can play discs recorded in either PAL or NTSC format.

Select NTSC format, when you connected to NTSC TV.

Select PAL format, when you connected to PAL TV.

Select MULTI format, the player TV output format will according to the DVD disc format.

--- PREFERENCES PAGE ---

|              |          |
|--------------|----------|
| TV TYPE      |          |
| <b>AUDIO</b> | ENGLISH  |
| SUBTITLE     | FRENCH   |
| DISC MENU    | SPANISH  |
| PARENTAL     | CHINESE  |
| PASSWORD     | JAPANESE |
| DEFAULTS     |          |
| SMART NAV    |          |
| MAIN PAGE    |          |

## AUDIO language setup

Select the preferred AUDIO soundtrack by using the cursor buttons.

# SETUP

--- PREFERENCES PAGE ---

|           |          |
|-----------|----------|
| TV TYPE   |          |
| AUDIO     |          |
| SUBTITLE  | ENGLISH  |
| DISC MENU | FRENCH   |
| PARENTAL  | SPANISH  |
| PASSWORD  | CHINESE  |
| DEFAULTS  | JAPANESE |
| SMART NAV |          |
| MAIN PAGE |          |

## SUBTITLE language setup

Select the preferred SUBTITLE language by using the cursor buttons.

--- PREFERENCES PAGE ---

|           |             |
|-----------|-------------|
| TV TYPE   | 1 G         |
| AUDIO     | 2           |
| SUBTITLE  | 3 PG        |
| DISC MENU | 4 PG 13     |
| PARENTAL  | 5           |
| PASSWORD  | 6 PG-R      |
| DEFAULTS  | 7 NC-17     |
| SMART NAV | 8 ADULT     |
| MAIN PAGE | NO PARENTAL |

## Parental Controls

Select desired parental guidance using the cursor buttons and confirm by pressing ENTER.

--- PREFERENCES PAGE ---

|           |          |
|-----------|----------|
| TV TYPE   |          |
| AUDIO     |          |
| SUBTITLE  |          |
| DISC MENU | ENGLISH  |
| PARENTAL  | FRENCH   |
| PASSWORD  | SPANISH  |
| DEFAULTS  | CHINESE  |
| SMART NAV | JAPANESE |
| MAIN PAGE |          |

## DISC MENU language setup

Select the preferred DISC MENU language by using the cursor buttons.

--- PREFERENCES PAGE ---

|           |        |
|-----------|--------|
| TV TYPE   |        |
| AUDIO     |        |
| SUBTITLE  |        |
| DISC MENU |        |
| PARENTAL  |        |
| PASSWORD  | CHANGE |
| DEFAULTS  |        |
| SMART NAV |        |
| MAIN PAGE |        |

## PASSWORD

Select change and press ENTER.  
Type the old password (The initial factory code is 3308) and key in a new four character password of your choice.  
Type in this password again to confirm.

# SETUP

--- PREFERENCES PAGE ---

|           |
|-----------|
| TV TYPE   |
| AUDIO     |
| SUBTITLE  |
| DISC MENU |
| PARENTAL  |
| PASSWORD  |
| DEFAULTS  |
| SMART NAV |
| MAIN PAGE |

|       |
|-------|
| RESET |
|-------|

## DEFAULTS

Select reset to become factory initial setting.

--- PREFERENCES PAGE ---

|           |
|-----------|
| TV TYPE   |
| AUDIO     |
| SUBTITLE  |
| DISC MENU |
| PARENTAL  |
| PASSWORD  |
| DEFAULTS  |
| SMART NAV |
| MAIN PAGE |

|           |
|-----------|
| NO MENU   |
| WITH MENU |

## SMART NAV

In this item, you can select NO MENU mode or WITH MENU mode.

## DEFAULTS TABLE

|               |              |           |
|---------------|--------------|-----------|
| General Setup | TV Display   | Normal/PS |
|               | PIC Mode     | AUTO      |
|               | Angle Mark   | ON        |
|               | OSD Language | English   |
|               | Captions     | OFF       |
|               | SCR Saver    | OFF       |
| Speaker Setup | Downmix      | Stereo    |
| Audio Setup   | Audio Out    | Analog    |
|               | OP Mode      | Line Out  |
|               | Dynamic      |           |
|               | LPCM Output  | LPCM 96K  |
| Preferences   | TV Type      | AUTO      |
|               | Audio        | English   |
|               | Subtitle     | English   |
|               | DISC Menu    | English   |
|               | Parental     | 6 PG-R    |
|               | Password     | 3308      |
|               | Smart NAV    | With Menu |

## SPECIFICATIONS

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|                                     |  |
|-------------------------------------|--|
| Supply Voltage                      | : 12V DC (11V-15V), test voltage 14.4V, negative ground  |
| Chassis Dimensions                  | : 160 (W) x 156 (D) x 51 (H) mm<br>6.3" x 6.14" x 2"   |
| Weight                              | : 1.1 kg<br>2.2 lb   |
| Current Consumption                 | : Less than 2A   |
| Signal System                       | : Compositive video 1.0Vp-p 75Ω  |
| Discs Played                        | : (1) DVD-VIDEO Disc<br>5" (12 cm) single-sided, single-layer<br>5" (12 cm) single-sided, double-layer<br>(2) Compact Disc (CD-DA, VIDEO CD)<br>5" (12cm) disc |
| Audio Output Level                  | : 600Ω (2 ch 2.0 Vrms)   |
| Audio Signal Output Characteristics | : (1) Frequency Response 20 Hz - 20 KHz<br>: (2) S/N Ratio 90 dB (JIS)<br>: (3) Wow and Flutter Below measurable limits  |

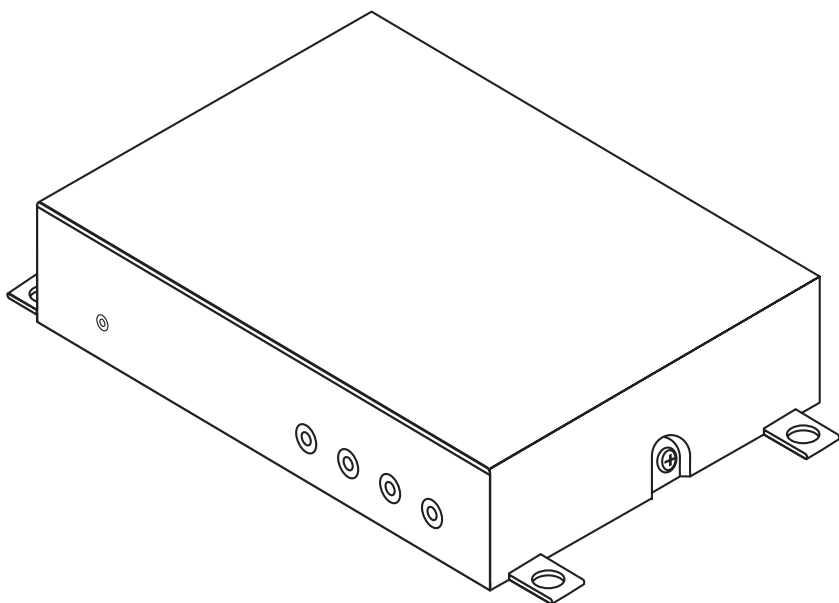
**Note:**

Specifications and design are subject to modification, without notice, due to improvements in technology.

# OWNER'S MANUAL

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## MOBILE TV TUNER UNIT



# CONTROL & FUNCTION KEYS

## SEPARATE TV BOX (FOR MONITOR)

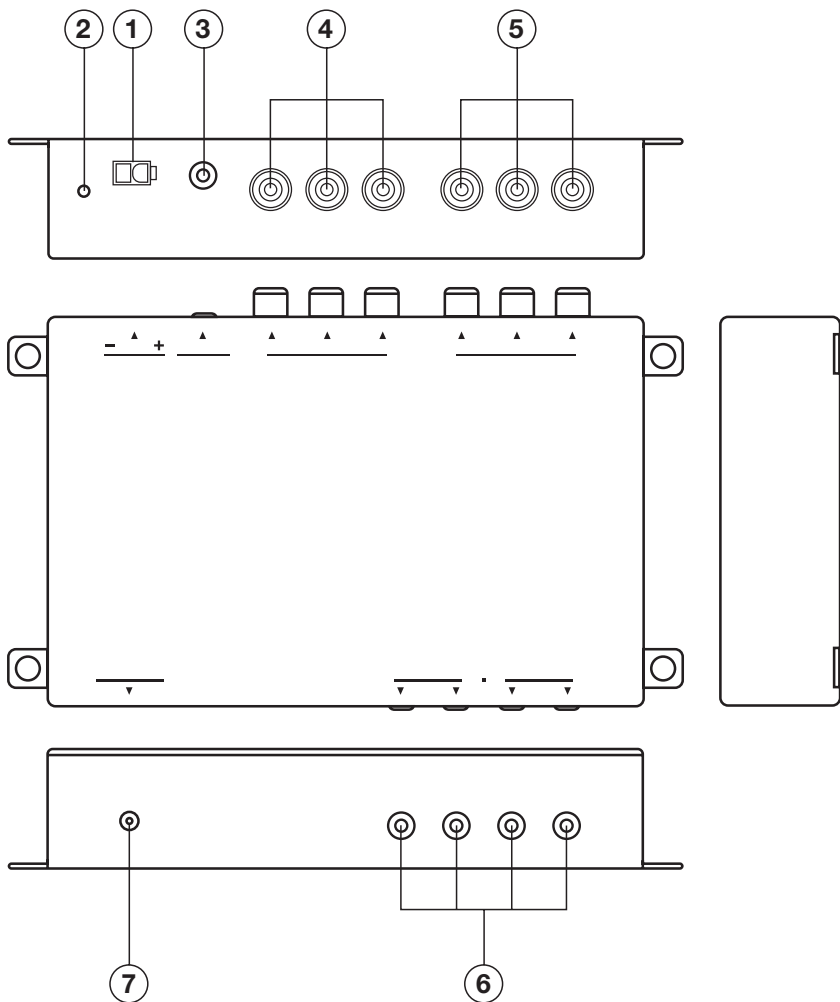


FIG.1

# CONTROL & FUNCTION KEYS

## REMOTE CONTROL

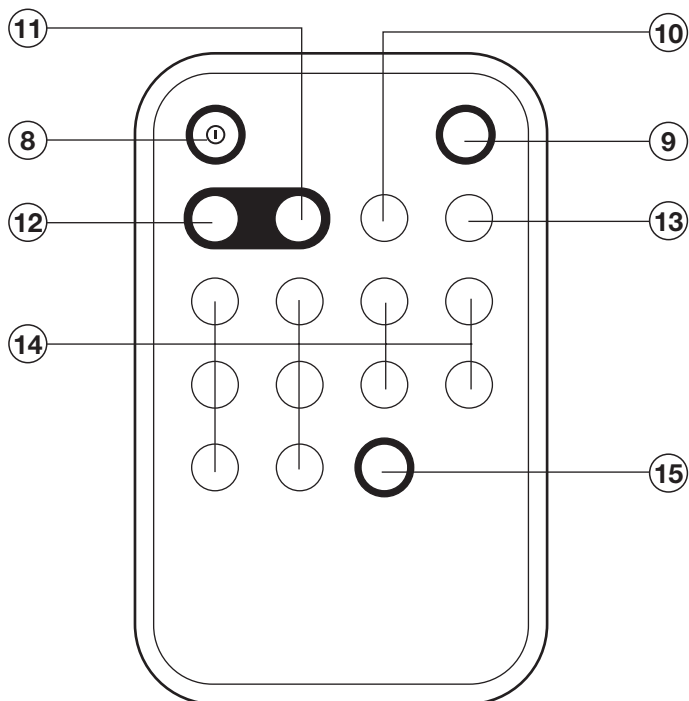


FIG.2

- |          |          |
|----------|----------|
| 8. POWER | 12. CH-  |
| 9. TV/AV | 13. DSP  |
| 10. AUTO | 14. 0~9  |
| 11. CH+  | 15. -/-- |

## **TYPE A (FOR MONITOR) (SEE FIG.1):**

This unit is a separate TV box that can receive DVD/VCD's AV signal and output the signal to the monitor that connected to the unit. And the unit also can receive TV signal through the antenna input jack.

### **1 DC 12 V IN**

Through this **DC 12V IN** jack (1), provide DC 12V power supply to the unit.

### **2 POWER INDICATOR**

When 12 volts is supplied to the unit this indicator will illuminate red and the unit will be in stand-by mode. Press the **POWER** button (8) on the remote control (see Fig. 2) to turn the unit on. The indicator (2) will turn from red to green.

### **3. REMOTE**

This **REMOTE** jack (3) is connected to an external remote control receiver. Point the remote control handset (see FIG.2) to the remote sensor of the receiver to control the unit.

### **4 VIDEO/AUDIO IN**

These three jacks (4) are connected to the DVD/VCD's VIDEO/AUDIO output terminal. The Red jack is the AUDIO-RIGHT signal input; the White jack is the AUDIO-LEFT signal output; the Yellow jack is the VIDEO signal input.

### **5 VIDEO/AUDIO OUT**

These three jacks (5) are connected to the monitor's VIDEO input terminal and AUDIO input terminal. The Red jack is the AUDIO-RIGHT signal output; the White jack is the AUDIO-LEFT signal output; the Yellow jack is the VIDEO signal output.

### **6 DIVERSITY ANTENNA INPUT**

There are four antenna input jacks (6) for antenna input.

### **7 12 VOLT OUTPUT**

Use this as a power source for your video monitor.

## **REMOTE CONTROL (see FIG.2)**

### **8 POWER**

Press **POWER** button (8) to turn the unit ON or OFF.

### **9 TV/AV**

Press the **TV/AV** button (9) to select between TV and AV mode.

### **10 AUTO**

Press **AUTO** button (10) to enter into auto searching mode, then press **CH+** button (24) to start searching TV channels.

### **11 CH+**

Press the **CH+** button (11) to choose channel upward.

### **12 CH-**

Press the **CH-** button (12) to choose channel downward.



**13 DSP**

Press **DSP** button (13), the screen will display the current status such as TV channel / AV.

**14 0~9**

The numeric buttons (**0, 1~9**) (14) allow you to select the corresponding channel directly.

**15 -/--**

Press the digital select button (**-/--**) (15) cooperatively used with numeric buttons to select channel desired.

**3451 LUNAR COURT  
OXNARD, CA 93030  
[www.soundstormlab.com](http://www.soundstormlab.com)**

**Phone: 805.983.8008**

**Fax: 805.983.7068**

**Technical questions: [ssltech@soundstormlab.com](mailto:ssltech@soundstormlab.com)**