10.4" Go Anywhere DVD & TV System

MODEL PB1040

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NON-TRANSFERABLE LIMITED ONE YEAR CONSUMER WARRANTY

Directed Electronics, Inc. (Directed) promises to the original purchaser that the new automotive video monitor and/or source unit(s) (the Product) that is purchased and installed from a Directed authorized dealer more than ninety (90) days after the purchase of a new vehicle are warranted for a period of one (1) year from date of purchase of the Product.

Directed promises to the original purchaser that all video accessories will be free from defects in materials and workmanship under normal use and condition for a period of ninety (90) days after the date of purchase. A sales receipt and/or warranty registration card is required to provide proof of date of purchase of the Product or accessories.

Should the Product be determined defective during the applicable warranty period, the defect(s) will be repaired or replaced with a new or reconditioned part(s), at Directed's option. To obtain warranty service, the Product must be returned to a Directed authorized dealer along with proof of purchase and installation.

Note: This warranty does not cover labor costs for the removal and reinstallation of the Product. IN ORDER FOR THIS WARRANTY TO BE VALID, YOUR PRODUCT MUST BE SHIPPED WITH PROOF OF PURCHASE AND INSTALLATION BY AN AUTHORIZED DIRECTED DEALER. ALL PRODUCTS RECEIVED BY DIRECTED FOR WARRANTY REPAIR WITHOUT PROOF OF DIRECTED DEALER INSTALLATION WILL BE DENIED.

This warranty is non-transferable and does not apply to any Product that has been modified or used in a manner contrary to its intended purpose, and does not cover damage to the Product caused by installation or removal of the Product. This warranty is **VOID** if the product has not been purchase from an authorized Directed dealer or has been damaged by accident or unreasonable use, negligence, acts of God, neglect, improper service or other causes not arising out of defect in materials or construction. This warranty does not cover the elimination of externally generated static or noise, or the correction of antenna problems or weak television reception, damage to tapes, video games, software, camcorders, discs, speakers, accessories or vehicle electrical systems, cosmetic damage or damage due to negligence, misuse, abuse, failure to follow operating instructions, accidental spills or customer applied cleaners, damage due to environmental causes such as floods, airborne fallout, chemicals, salt, hail, windstorms, lightning or extreme temperatures, damage due to accidents, road hazards, fire, theft, loss or vandalism, damage due to improper connection to equipment of another manufacturer, modification of existing equipment, use of a faulty tape cartridge or cleaning of the VCR head, or Product which has been opened or tampered with for any reason or which has been damaged due to alteration or service performed by anyone other than Directed Electronics, Inc.

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Some states do not allow limitation on how long an implied warranty lasts. In such states, the limitations or exclusions of this Limited Warranty may not apply. Some states do not allow the exclusion or limitation of incidental or consequential damages. In such states, the exclusion or limitation of this Limited Warranty may not apply to you. This Limited Warranty gives you specific legal rights, and you may have other rights which vary from state to state.

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Important Notes

1. Before operating your DVD and TV system, please read these instructions carefully.

2. Retain this manual for future reference.

3. Do not remove any WARNING stickers on the unit.

4. Do not use any chemical solvent, cleaning agent or corrosive detergent to clean away dirt on the surface of the screen. Doing so may cause irreversible damage to the surface of the LCD screen. To clean off dirt or fingerprints, it is recommended that a soft-damp lens cleaning cloth be used.

5. Using spare parts from another manufacturer may cause permanent damage to the unit.

6. Place the unit on a flat, hard and stable surface or hang on back of car seat.

7. Avoid installing the monitor screen in a position that is under direct sunlight and away from hot air vents.

8. Install the unit in a dry location, avoid condensation.

9. Obstacles may impede smooth running of the loading mechanism and may cause electrical shorts-circuit.

10. Keep ventilation areas clear to allow unit to cool properly.

11. Ensure the plugs are properly plugged in before operating the unit.

12. Should the LCD panel break, avoid contact with the broken glass or fluid leaking out from the enclosure. If you come into contact, flush and clean the affected areas with plenty of water. Seek medical attention immediately.

13. When operating the display unit, avoid touching or pressing on the LCD screen. Excessive force will damage the LCD screen.

14. When installing this unit in a vehicle, ensure that the installation and use of this unit is in compliance with local vehicle rules and regulations.

15. This product incorporates copy right 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 limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

16. Manufactured under License from Dolby Laboratories. "Dolby" and double-D symbol are trademarks of Dolby Laboratories. Confidential unpublished works. © 1992-1997 Dolby Laboratories. All rights reserved.

Introduction

Congratulations on your purchase of the world's finest video entertainment system. At Directed we are committed to bringing you the most technologically advanced products available. We are pleased that you chose a Directed Video product. Through years of critical testing and hand craftsmanship, we have created a wide range of video entertainment products for your viewing pleasure.

The 10.4" Go Anywhere DVD/TV system provides all the functions of a television as well as the functionality of a DVD player for your viewing pleasure in the car, in the home, or in your RV.

This system incorporates the use of on screen display menu controls that allows you to configure the system to suit your own personal preferences. For your listening flexibility, audio can be heard by four different methods. 2–wired headphone jacks, Infrared (wireless) headphones, Built in stereo speakers, and wireless FM transmitter.

To view other great products from Directed Electronics, please visit the Directed Video page at www.directed.com.

Features

1. 10.4" (4:3) Color Active Matrix TFT LCD display
2. Slot Load DVD player (DVD/VCD/CD/MP3/JPEG formats)
3. CATV Tuner 2-125 Channels (VHF/UHF)
4. IR transmitter
5. Built in left and right stereo speakers
6. Wireless FM Transmitter
7. Two wired headphone jacks
8. AC/DC power adapters
9. Built in counter top stand
10. Built in wall mounting capability
11. Carrying Case/In vehicle mounting case with straps

Safety Precautions

1. Ensure the plug is securely plugged into the main socket before operating the unit.
2. Ensure the Voltage on the main socket is the same as specified on the unit.
3. In the event of thunder & lightning or when not using the unit for a long period of time, remove the plug from the main socket for safety.
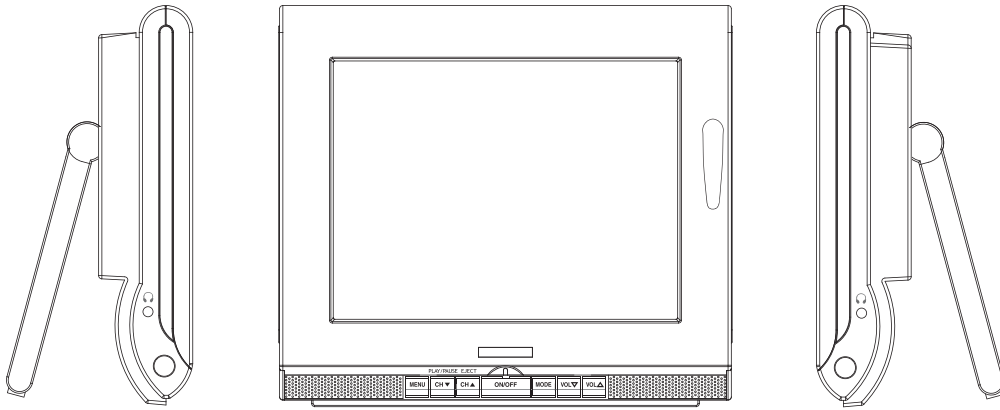4. Use accessories only from the unit manufacturer.

In case of the following, remove power from the unit immediately:

1. Plugs or cables are damaged.
2. Foreign objects dropped inside the CD/DVD slot.
3. Unit is exposed to rain and/or other liquids.
4. Unit is unable to normally operate.
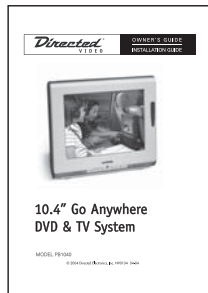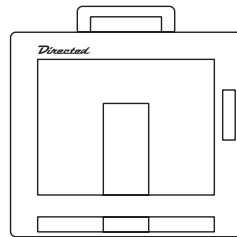5. The LCD screen is cracked or broken.

⚠ **ATTENTION**

1. **do not expose to direct sunlight or strong artificial light.**
2. **do not expose to high humidity, or place in a poorly ventilated location.**

CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

Contents/Accessories

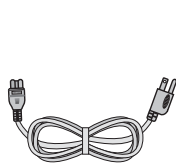The following items are included with your system.

Remote Control **User Manual** **10.4" Bag & Straps** **Wireless Headphone x 2**
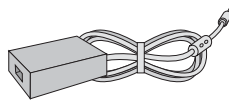
AC Cable **AC–DC Adaptor** **DC Power Plug** **AV Cable** **Battery x 4**
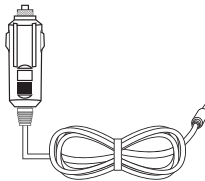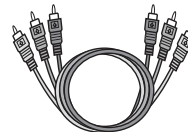
Front Panel Controls

1. LCD Monitor
2. DVD/CD/MP3 Slot
3. Remote Sensor
4. IR Transmitter Sensor
5. Speakers
6. Volume/Menu Up button
7. Volume/Menu Down button
8. Mode button

9. On/Off button
10. TV channel up button / DVD Eject Button
11. TV channel down button / DVD Play/Pause Button
12. On Screen Display (OSD) menu button
13. Power/Standby LED
14. Earphone jack
15. Stand
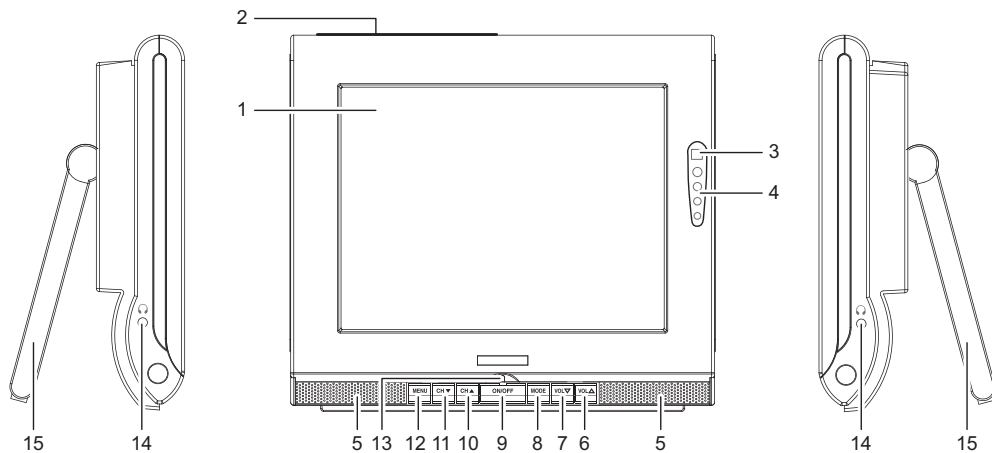
Rear Panel Connections

16. Audio L (Output)
17. Audio R (Output)
18. Video (Output)
19. DC In : 12V or AC Adaptor
20. Audio L (Input)
21. Audio R (Input)
22. Video (Input)
23. TV ANT

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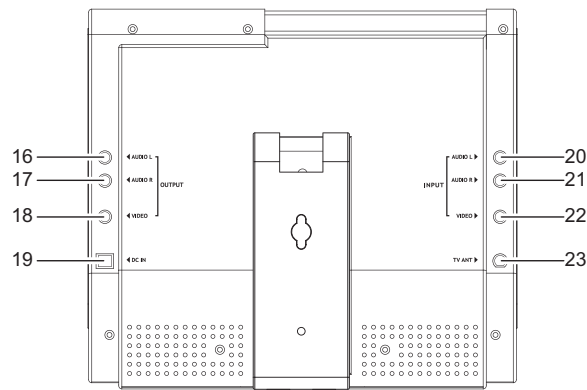
Remote Control

1. POWER   : Power On/Off
2. MUTE   : Turn Off Volume
3. MODE   : Selection Button
4. Up   ▲   : Up Button
5. SYS MENU   : System Main Menu
                    Selection Button
6. ENTER   : Enter (save) Button
7. Left   ◄   : Left Button
8. Down   ▼   : Down Button
9. EJECT ▲   : DVD Eject Button
10. STOP ■   : DVD Stop Play Button
11. PLAY/PAUSE ►/II : Play and Pause Button
12. 1/2/3/4/5/6/7/8/9/0 : Numbers Button
13. FB   : DVD FAST Backward Play
14. SLOW   : DVD Slow Motion
15. SUBTITLE   : DVD Subtitle Select Button
16. PBC ON/OFF : DVD Restart
17. DVD DISP   : DVD Display Button
18. SEARCH   : DVD Search Button

19. VOL ▼   : Decrease Volume Button
20. VOL ▲   : Increase Volume Button
21. CH/ SET ▲ : Channel/Setting Up Button
22. CH/ SET ▼ : Channel/Setting Down Button
23. Right   ►   : Right Button
24. SCAN   : Channel Scanning
25. MEMORY(+/-)   : Favorite Channel Saved
                    to Memory Button
26. PREV TRK ◄◄   : Previous Track
27. NEXT TRK ►►   : NEXT Track
28. MENU   : DVD Main Menu
29. TITLE   : DVD Title Button
30. FF   : DVD Fast Forward Play
31. REP   : DVD Repeat Button
32. ANGLE   : DVD Angle Select
33. MTS   : DVD Language Change Button
34. ZOOM   : DVD Zoom Button
35. SETUP   : DVD Setting Button

Installation

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TELEVISION

TV ANTENNA

CATV CABLE

OR
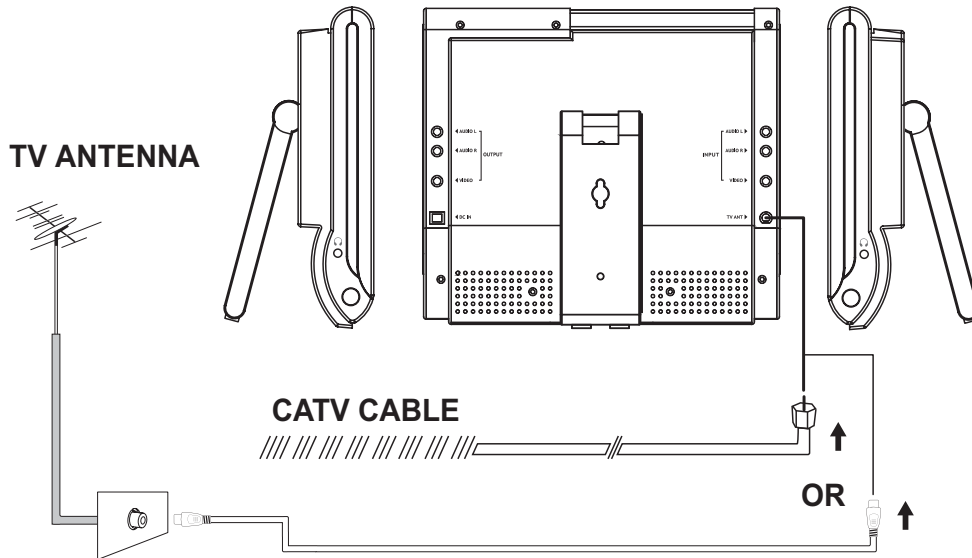
INPUT (RCA) AV

1. This unit is able to support various inputs. You can connect your video recorder, amplifier, game console etc, to the unit.
2. Connect your AV cable to the equipment as shown below.

VCR

OR

GAME CONSOLE

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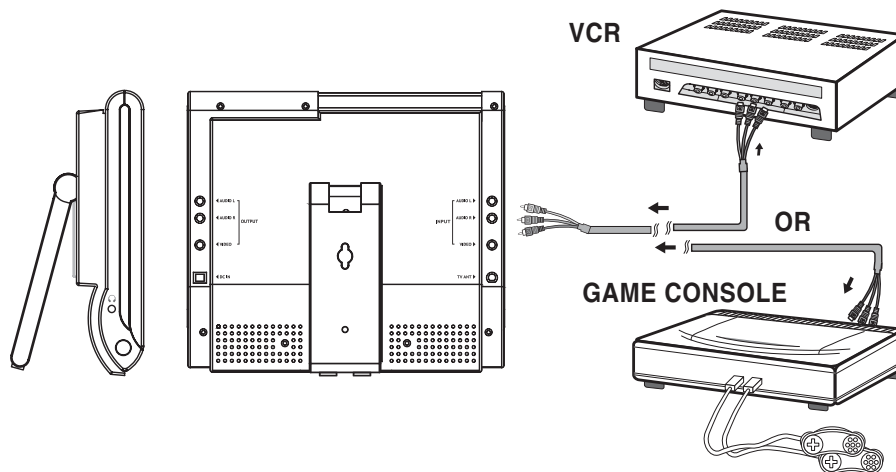
OUTPUT (RCA) AV

Connect the output signal from the PB1040 as shown below.

Other AV equipment
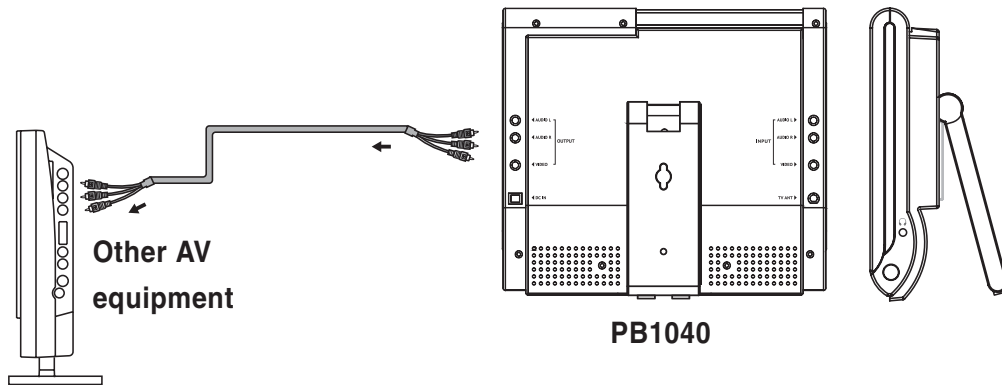
PB1040

POWER CONNECTION (AC)

Note: *Make sure the power supply is connected to the unit as shown in the diagram below. When not using the unit for extended periods of time, disconnect the AC plug from the socket and disconnect the DC12V plug from the PB1040.*

AC SOCKET

AC PLUG

+12VDC POWER INPUT

AC POWER ADAPTOR

AC CORD
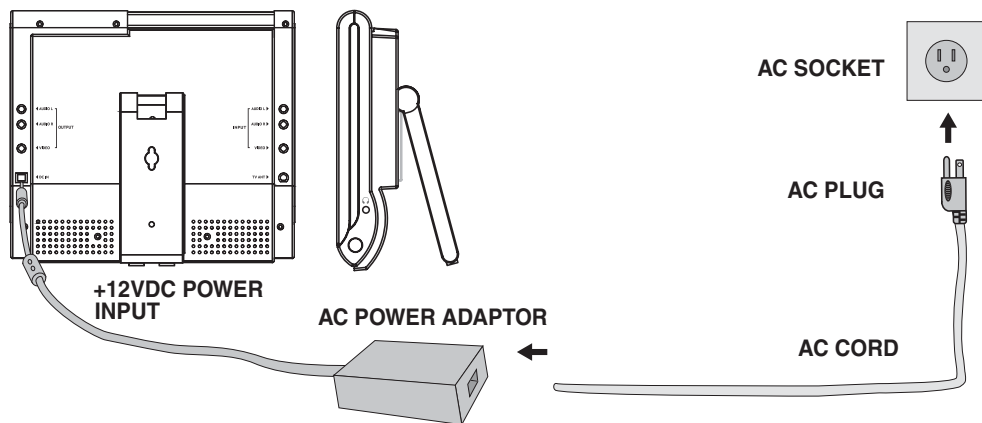
POWER CONNECTION (DC)—IN VEHICLE

Connect the power source by using the DC power connection wire supplied with the unit as shown below.

DC Power Plug
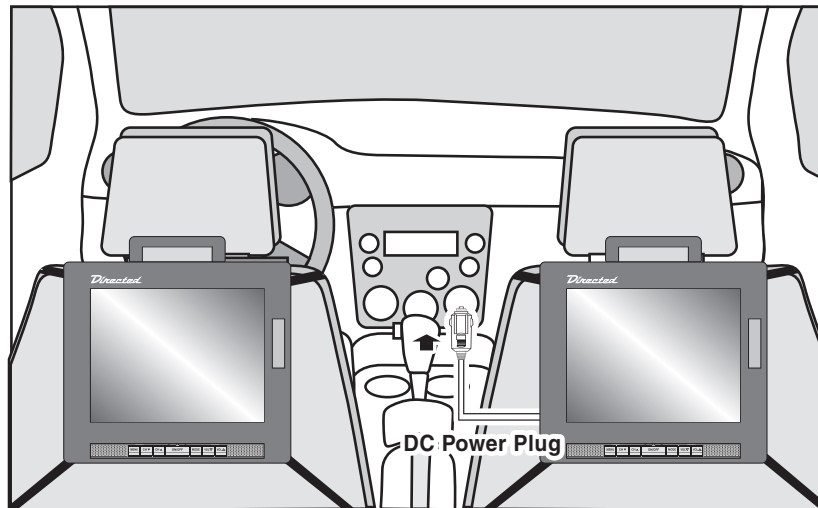
Basic Functions

POWER ON/OFF

1. The Power indicator LED on the bottom of the front panel turns Amber in color when power is connected.

2. Press the **On/Off** button on the front control panel, or the Power button on the remote, the Power indicator LED on the front panel will turn Green in color.

STANDBY   ON

AMBER LIGHT   GREEN LIGHT
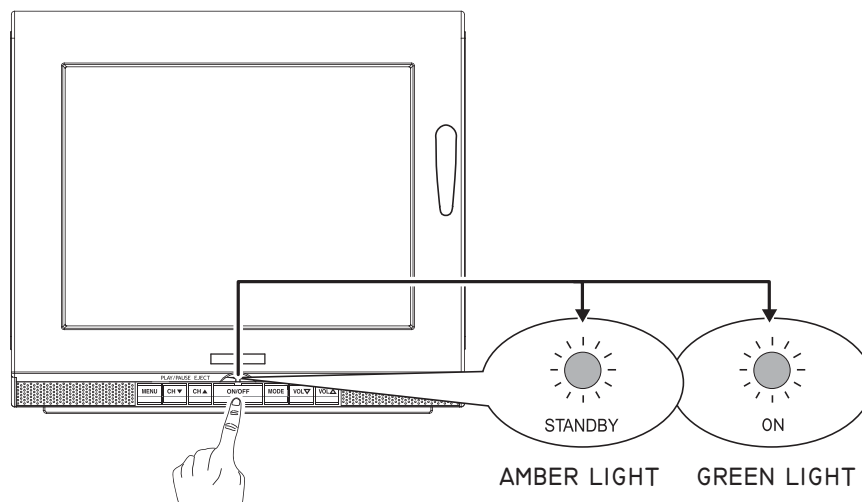
MODE

1. Press the **Mode** button on the remote or the **Mode** button on the front control panel to select from the various mode settings.

2. The mode setting status will change each time the **Mode** button is pressed—**AV1 - CH - DVD**.
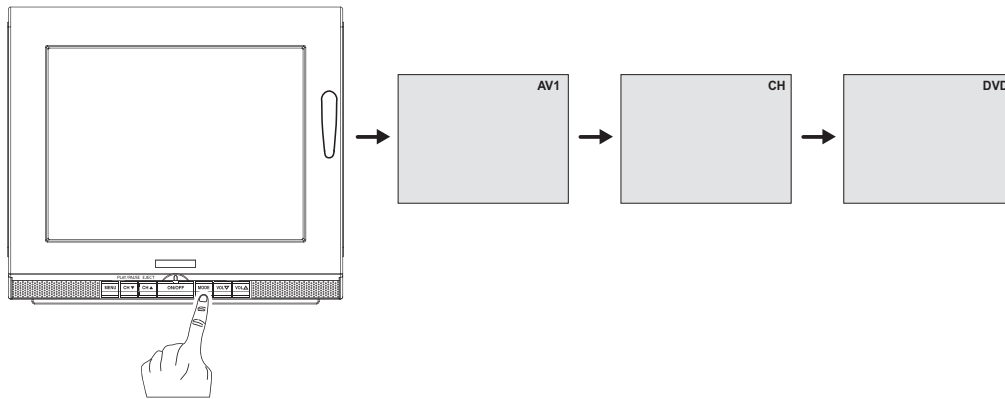
VOLUME

Press the **Vol ∇/∆** buttons on the front control panel or the Volume **∨/∧** buttons on the remote control to adjust the volume level.
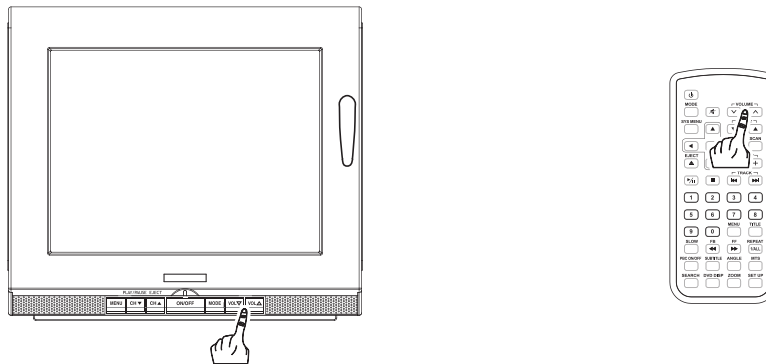
MUTE

1. Press the **Mute** button on the remote control to mute the speakers.
2. Press the Mute button again, the **Vol ∇/Δ** buttons on the front panel or the **Volume ∨/∧** buttons on the remote control to restore sound to the speakers.
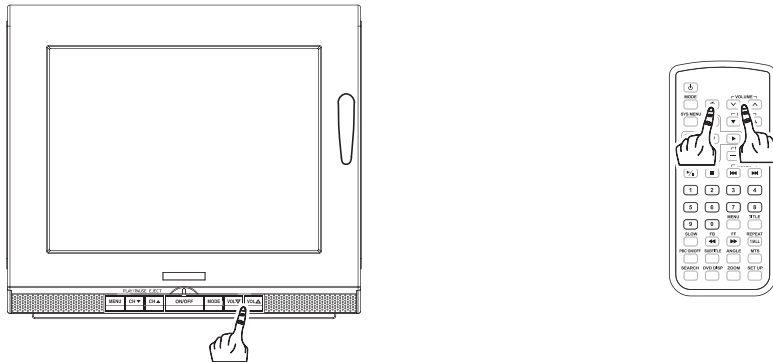
CHANNEL CHANGE

1. Press the **CH/SET ▼/▲** button on the remote control or the **▼/▲** button front control panel to change television channels.
2. Press the **Numerical** buttons on the remote control to change/select channels.
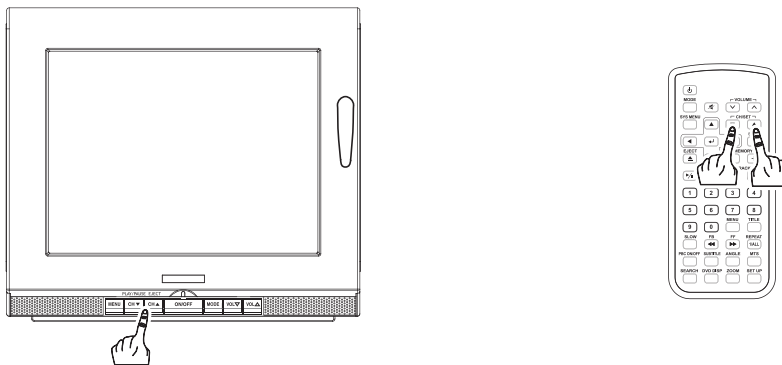
PLAYING DVD/CD/MP3

1. Press the **On/Off** power button on the front control panel, or press the ⏻ button on the remote control to switch on the unit

2. Press **Mode** button on the remote control repeatedly until DVD mode is displayed.

3. Insert the disc into the DVD player as shown in the illustration below.

NOTE: *To avoid damaging discs, insert the disc into the slot with the disc parallel to the slot.*

Insert ⬇   ⬆ **Eject**
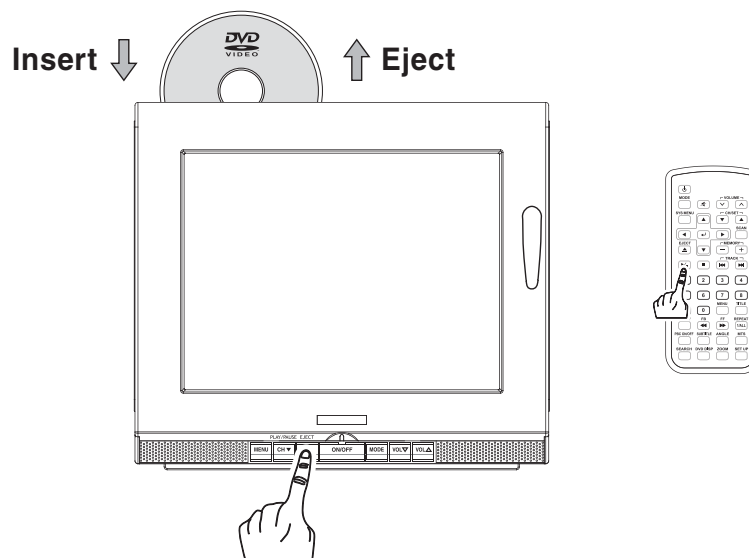
4. The disc will automatically start playing.

    --- If the DVD does not come with a Menu/Title, the play will continue.

    --- If the DVD comes with Menu/Title, Menu Options will be shown on the screen, press the **Left/Right/Up/Down** (◄/►/▲/▼) buttons on the remote control, to select the chapter for playing, press the **Enter** (↵) button on the remote to begin play.

    --- If the message "NO DISC" is displayed on the screen, check the format of the disc being used and ensure that the disc is being loaded with the label facing you (see illustration above).

    --- If the message "WRONG REGION" is display on the screen, it means the player does not support the regional code for that DVD.

5. Press the **Left/Right/Up/Down** (◄/►/▲/▼) button on the remote to select the chaper to be played.

6. Press the **PLAY/PAUSE (CH▼)** button on the front control panel or the play/pause (►/ⅠⅠ) button on the remote to begin play (you can also use the **ENTER** (↵) button on the remote).

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EJECTING DVD/CD/MP3

1. Press the **MODE** button on the front panel or the **MODE** button on the remote control to select DVD mode.
2. Press the **EJECT** (CH▲) button on the front control panel or the **EJECT** ▲ button on the remote to eject the DVD from the player.

TV STATION MEMORY MODE

1. Press **MODE** button on the remote control repeatedly until TV mode is displayed.
2. Select a channel to be viewed by pressing the channel **CH** (▼/▲) buttons on the front panel or the **CH/SET** (▼/▲) buttons on the remote control.
3. Press the **ENTER** (↵) button on the remote control, the main menu option will display on the screen as shown below. This allows you to memorize the stations into the LCD monitor.

	CHANNEL		MEMORY
→ ◉	**MEMORY**	**1**	**EMPTY**
◉	MEMORY	2	EMPTY
◉	MEMORY	3	EMPTY
◉	MEMORY	4	EMPTY
◉	MEMORY	5	EMPTY
◉	MEMORY	6	EMPTY
◉	MEMORY	7	EMPTY
◉	MEMORY	8	EMPTY
◉	MEMORY	9	EMPTY
◉	MEMORY	10	EMPTY
◉	MEMORY	11	EMPTY
◉	MEMORY	12	EMPTY
◉	MEMORY	13	EMPTY
◉	MEMORY	14	EMPTY
◉	MEMORY	15	EMPTY
↵	EXIT		

3. Use the Up/Down (▼/▲) buttons on the remote to select the memory number to be set (maximum 15).
4. Press the **ENTER** (↵) button on the remote control to return to viewing the TV channel. This memory slot has now been "memorized" to this TV channel.
5. Repeat the above steps (2–4) to set all 15 favorite TV channels.
6. Use the **MEMORY** (**-**) and (**+**) buttons on the remote control to select the favorite TV channels.

Operations

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MENU SETTING

The LCD Monitor provides OSD (On Screen Display) settings which enables cus-
tomized settings for the following:

```
              MAIN MENU
        →    SLEEP TIMER
             VIDEO ADJUST
             FM TRANSMITTER
             OTHERS
             EXIT
```
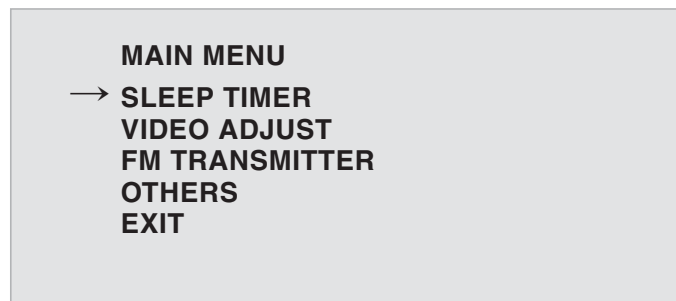
Press **MENU** button on front control panel or the **Sys Menu** button on remote,
main menu options will to display the above menu on the TV screen. The menu
will remain displayed for 10-seconds, unless there is a menu selection made.

SLEEP TIMER

1. Press the **MENU** button on front control panel or the **Sys Menu** button on remote, the Main Menu options will display on the LCD screen. At this step the SLEEP TIMER selection will be highlighted in BLUE.

2. Press the **MENU** button on front control panel or the **Enter (↵)** button on remote, the text of the SLEEP TIMER selection will change highlighting to RED.

3. Press the **Vol ∇/Δ** buttons on front control panel or the Left/Right (◄/►) buttons on remote or to select the desired time setting of "30/60/90/120" minutes or "OFF".

4. Press the **MENU** button on front control panel or the **Enter (↵)** button on remote to save the setting.

5. Press the **Vol ∇/Δ** buttons on the front control panel to highlight EXIT and press the **MENU** button on the front control panel to exit the Main Menu. Or, press **Sys Menu** button on the remote to exit the Main Menu.

```
        MAIN MENU
  →    SLEEP TIMER
        VIDEO ADJUST
        FM TRANSMITTER
        OTHERS
        EXIT
```

1./5.
2./4.
3.

```
  →  SLEEP TIMER      30
  →  SLEEP TIMER      60
  →  SLEEP TIMER      90
  →  SLEEP TIMER      120
  →  SLEEP TIMER      OFF
```

VIDEO ADJUSTMENTS

SATURATION

1. Press the **MENU** button on front control panel or the **Sys Menu** button on remote, the Main Menu options will display on the LCD screen.

2. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the VIDEO ADJUST option.

3. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to confirm the selection.

4. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the SATURATION option. A setting level bar is displayed at the bottom of the screen showing the present saturation setting.

5. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote, the text of the selected option will now be highlighted in RED.

6. Press the **Vol** ∇/Δ buttons on front control panel or the Left/Right (◄/►) buttons on remote to adjust the SATURATION Level.

7. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to save the setting.

8. Press the **Vol** ∇/Δ buttons on the front control panel to highlight EXIT and press the **MENU** button on the front control panel to exit the Main Menu. Or, press **Sys Menu** button on the remote to exit the Main Menu.

VIDEO ADJUST	
→ ▥ **SATURATION**	**8**
▤ SHARPENESS	4
✳ BRIGHTNESS	7
▤ CONTRAST	4
Tu TINT	7
PRESET	
↵ EXIT	

▥ SATURATION

▮▮▮▮▮▮▮▮▮▮▮▮▮▮– – – – – – – – – – – – –

1./8.
3./5./7.
2./4.
6.

SHARPNESS

1. Press the **MENU** button on front control panel or the **Sys Menu** button on remote, the Main Menu options will display on the LCD screen.

2. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the VIDEO ADJUST option.

3. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to confirm the selection.

4. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the SHARPNESS option. A setting level bar is displayed at the bottom of the screen showing the present sharpness setting.

5. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote, the text of the selected option will now be highlighted in RED.

6. Press the **Vol** ∇/Δ buttons on front control panel or the Left/Right (◄/►) buttons on remote to adjust the SHARPNESS Level.

7. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to save the setting.

8. Press the **Vol** ∇/Δ buttons on the front control panel to highlight EXIT and press the **MENU** button on the front control panel to exit the Main Menu. Or, press **Sys Menu** button on the remote to exit the Main Menu.

VIDEO ADJUST

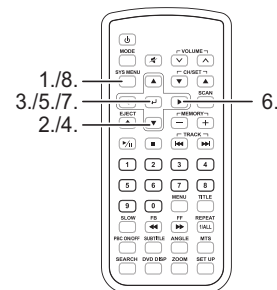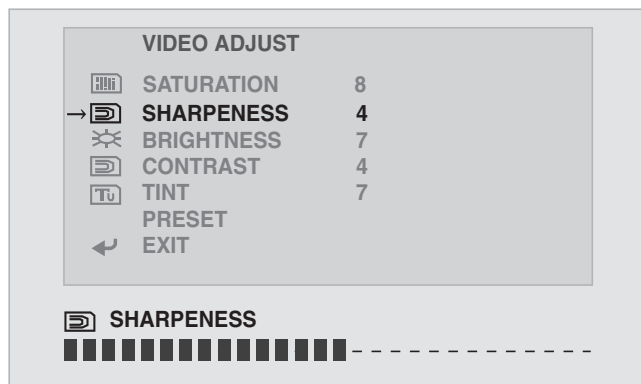|		
▦	SATURATION	8
→▤	**SHARPNESS**	**4**
☼	BRIGHTNESS	7
▤	CONTRAST	4
Tu	TINT	7
	PRESET	
↵	EXIT	

▤ SHARPNESS

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BRIGHTNESS

1. Press the **MENU** button on front control panel or the **Sys Menu** button on remote, the Main Menu options will display on the LCD screen.

2. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the VIDEO ADJUST option.

3. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to confirm the selection.

4. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the BRIGHTNESS option. A setting level bar is displayed at the bottom of the screen showing the present brightness setting.

5. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote, the text of the selected option will now be highlighted in RED.

6. Press the **Vol** ∇/Δ buttons on front control panel or the Left/Right (◄/►) buttons on remote to adjust the BRIGHTNESS Level.

7. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to save the setting.

8. Press the **Vol** ∇/Δ buttons on the front control panel to highlight EXIT and press the **MENU** button on the front control panel to exit the Main Menu. Or, press **Sys Menu** button on the remote to exit the Main Menu.
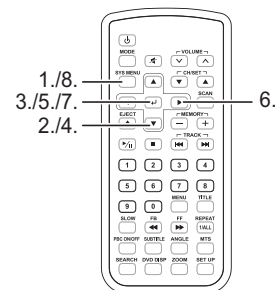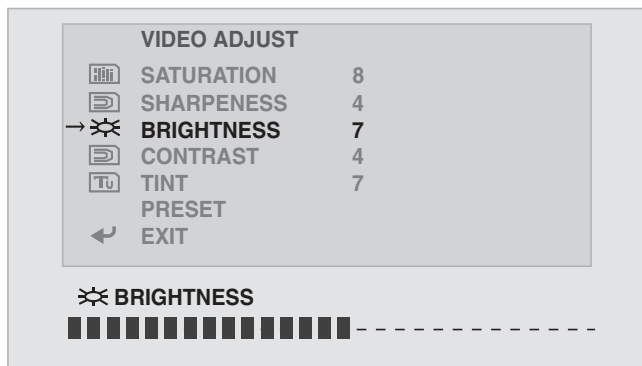
CONTRAST

1. Press the **MENU** button on front control panel or the **Sys Menu** button on remote, the Main Menu options will display on the LCD screen.

2. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the VIDEO ADJUST option.

3. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to confirm the selection.

4. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the CONTRAST option. A setting level bar is displayed at the bottom of the screen showing the present brightness setting.

5. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote, the text of the selected option will now be highlighted in RED.

6. Press the **Vol** ∇/Δ buttons on front control panel or the Left/Right (◄/►) buttons on remote to adjust the CONTRAST Level.

7. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to save the setting.

8. Press the **Vol** ∇/Δ buttons on the front control panel to highlight EXIT and press the **MENU** button on the front control panel to exit the Main Menu. Or, press **Sys Menu** button on the remote to exit the Main Menu.
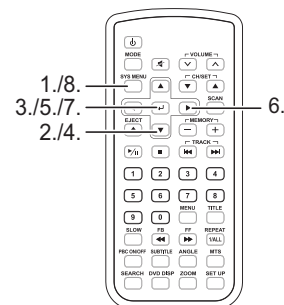

VIDEO ADJUST	
SATURATION	8
SHARPNESS	4
BRIGHTNESS	7
→ CONTRAST	4
TINT	7
PRESET	
↵ EXIT	

CONTRAST

TINT

1. Press the **MENU** button on front control panel or the **Sys Menu** button on remote, the Main Menu options will display on the LCD screen.

2. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the VIDEO ADJUST option.

3. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to confirm the selection.

4. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the TINT option. A setting level bar is displayed at the bottom of the screen showing the present brightness setting.

5. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote, the text of the selected option will now be highlighted in RED.

6. Press the **Vol** ∇/Δ buttons on front control panel or the Left/Right (◄/►) buttons on remote to adjust the TINT Level.

7. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to save the setting.

8. Press the **Vol** ∇/Δ buttons on the front control panel to highlight EXIT and press the **MENU** button on the front control panel to exit the Main Menu. Or, press **Sys Menu** button on the remote to exit the Main Menu.

VIDEO ADJUST	
⊞ⓘ SATURATION	8
▣ SHARPENESS	4
☼ BRIGHTNESS	7
▣ CONTRAST	4
→Ⓣᵤ TINT	7
PRESET	
↵ EXIT	

Ⓣᵤ TINT

██████████████–––––––––––––

1./8.
3./5./7.   6.
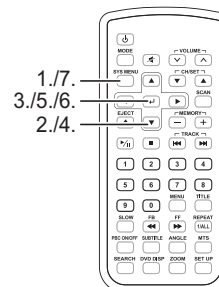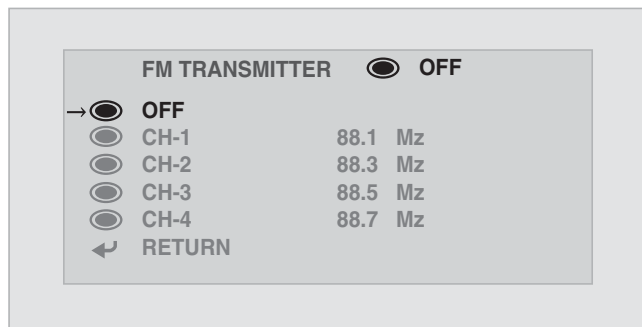2./4.

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PRESET

1. Press the **MENU** button on front control panel or the **Sys Menu** button on remote, the Main Menu options will display on the LCD screen.

2. Press the **Vol** ∇/∆ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the VIDEO ADJUST option.

3. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to confirm the selection.

4. Press the **Vol** ∇/∆ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the PRESET option.

5. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote, the text of the selected option will now be highlighted in RED.

6. Press the **Vol** ∇/∆ buttons on front control panel or the Left/Right (◄/►) buttons on remote to reset the Video Adjustments to the factory preset levels.

7. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to save the settings.

8. Press the **Vol** ∇/∆ buttons on the front control panel to highlight EXIT and press the **MENU** button on the front control panel to exit the Main Menu. Or, press **Sys Menu** button on the remote to exit the Main Menu.

VIDEO ADJUST	
▦ SATURATION	8
▣ SHARPNESS	4
❋ BRIGHTNESS	7
▣ CONTRAST	4
T/u TINT	7
→ PRESET	
↵ EXIT	

1./8.
3./5./7.
2./4.
6.

FM TRANSMITTER

This setting allows selection of the FM frequency on which to receive the audio from the LCD screen on either your car FM radio or an FM receiver in your house.
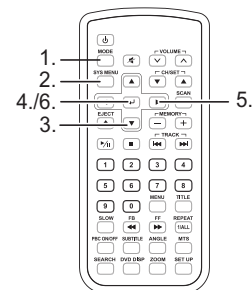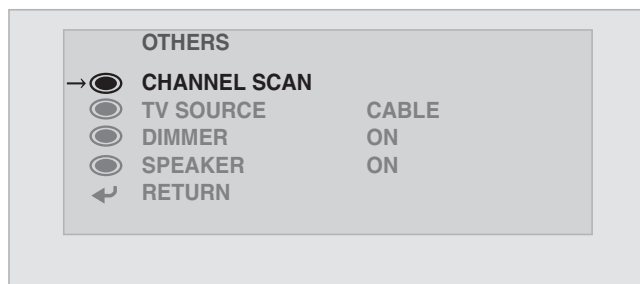
1. Press the **MENU** button on front control panel or the **Sys Menu** button on remote, the Main Menu options will display on the LCD screen.

2. Press the **Vol ∇/Δ** buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the FM TRANSMITTER option.

3. Press the **MENU** button on front control panel or the **ENTER (↵)** button on remote to confirm the selection.

4. Press the **Vol ∇/Δ** buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the CH-X option, the text of the selected channel will be highlighted in BLUE.

5. Press the **MENU** button on front control panel or the **ENTER (↵)** button on remote, the text of the selected option will now be highlighted in RED.

6. Press the **MENU** button on front control panel or the **ENTER (↵)** button on remote to save the setting.

7. Press the **Vol ∇/Δ** buttons on the front control panel to highlight EXIT and press the **MENU** button on the front control panel to exit the Main Menu. Or, press **Sys Menu** button on the remote to exit the Main Menu.
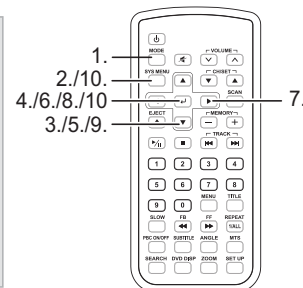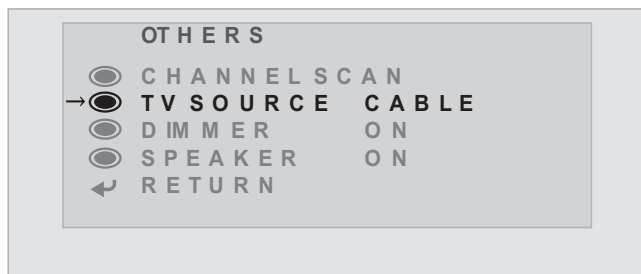
OTHER SETTINGS

CHANNEL SCAN

1. Press the **MODE** button on the front control panel or the remote control until LCD screen is in TV mode.

2. Press the **MENU** button on front control panel or the **Sys Menu** button on remote, the Main Menu options will display on the LCD screen.

3. Press the **Vol ∇/∆** buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the OTHERS option. CHANNEL SCAN will be highlighted in BLUE.

4. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to for CHANNEL SCAN selection. The selection will now be high-lighted in RED.

5. Press the **Vol ∇/∆** buttons on front control panel or the Left/Right (◀/▶) buttons on remote. The LCD monitor will scan for TV channels available and store them to the systems memory. Wait until the LCD monitor has scanned through all channels, before proceeding.

6. When the scan is completed, press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to save the channel settings.
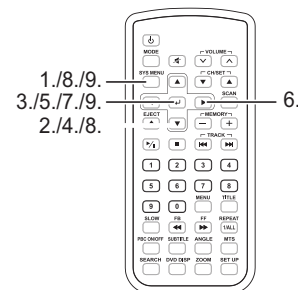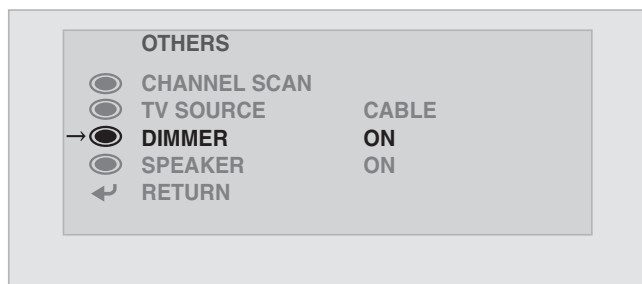
TV SOURCE

1. Press the **MODE** button on the front control panel or the remote control until LCD screen is in TV mode.

2. Press the **MENU** button on front control panel or the **Sys Menu** button on remote, the Main Menu will display on the LCD screen.

3. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select OTHERS.

4. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to display the secondary OTHERS menu.

5. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the TV SOURCE option.

6. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote, the text of the selected option will now be highlighted in RED.

7. Press the **Vol** ∇/Δ buttons on front control panel or the Left/Right (◄/►) buttons on remote to select TV SOURCE (cable or antenna).

8. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to save the selection.

9. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select RETURN.

10. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to return to the MAIN MENU. Or, press the **SYS MENU** button on the remote to exit the menus.

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DIMMER SETTING

The dimmer option allows the LCD screen to be dimmed for night-time viewing, or brightened for daytime viewing.
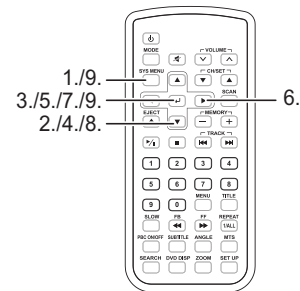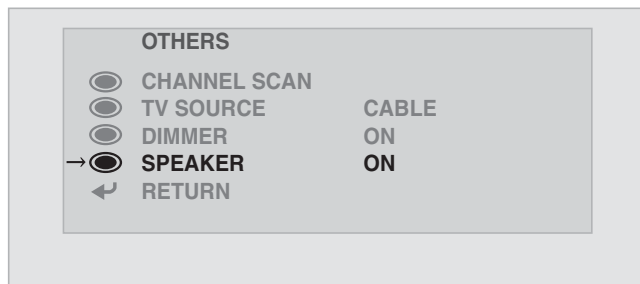
1. Press the **MENU** button on front control panel or the **Sys Menu** button on remote, the Main Menu will display on the LCD screen.

2. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select OTHERS.

3. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to display the secondary OTHERS menu.

4. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the DIMMER option.

5. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote, the text of the selected option will now be highlighted in RED.

6. Press the **Vol** ∇/Δ buttons on front control panel or the Left/Right (◄/►) buttons on remote to select DIMMER (On or Off).

7. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to save the selection.

8. Press the **Vol** ∇/Δ buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select RETURN.

9. Press the **MENU** button on front control panel or the **ENTER** (↵) button on remote to return to the MAIN MENU. Or, press the **SYS MENU** button on the remote to exit the menus.

OTHERS

⊚ CHANNEL SCAN
⊚ TV SOURCE   CABLE
→⊚ **DIMMER**   **ON**
⊚ SPEAKER   ON
↵ RETURN

1./8./9.
3./5./7./9.   6.
2./4./8.

SPEAKER SETTING

The Speaker option allows the speakers to be turned On or Off.

1. Press the **MENU** button on front control panel or the **Sys Menu** button on remote, the Main Menu will display on the LCD screen.

2. Press the **Vol ∇/Δ** buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select OTHERS.

3. Press the **MENU** button on front control panel or the **ENTER (↵)** button on remote to display the secondary OTHERS menu.

4. Press the **Vol ∇/Δ** buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select the SPEAKER option.

5. Press the **MENU** button on front control panel or the **ENTER (↵)** button on remote, the text of the selected option will now be highlighted in RED.

6. Press the **Vol ∇/Δ** buttons on front control panel or the Left/Right (◄/►) buttons on remote to select SPEAKER (On or Off).

7. Press the **MENU** button on front control panel or the **ENTER (↵)** button on remote to save the selection.

8. Press the **Vol ∇/Δ** buttons on front control panel or the Up/Down (▼/▲) buttons on remote to select RETURN.

9. Press the **MENU** button on front control panel or the **ENTER (↵)** button on remote to return to the MAIN MENU. Or, press the **SYS MENU** button on the remote to exit the menus.

OTHERS

⊙ CHANNEL SCAN	
⊙ TV SOURCE	CABLE
⊙ DIMMER	ON
→⊙ **SPEAKER**	**ON**
↵ RETURN	

1./9.
3./5./7./9.
2./4./8.
6.

DVD Operation

FAST-FORWARD (DVD/MP3/CD)

1. During play, press the **FF** button on the remote control.
2. For DVDs and MP3s, the LCD screen will display FF XX (Fast-Forward Speed), and will increment up to a maximum of 8X fast forward (2X, 4X, 6X, 8X) and then to normal play speed.
3. For CDs, the LCD screen will display FF XX (Fast-Forward Speed), and will increment up to a maximum of 4X fast forward (1X, 2X, 3X, 4X) and then to normal play speed.
4. For DVDs, MP3s and CDs press play/pause (▶/ II) from any fast forward speed to resume normal play speed.
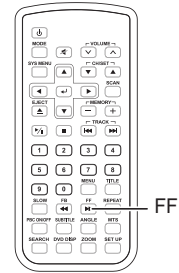
FAST-BACKWARD (DVD/MP3/CD)

1. During play, press the **FB** button on the remote control.
2. For DVDs and MP3s, the LCD screen will display FR XX (Fast-Forward Speed), and will increment up to a maximum of 8X fast backward (2X, 4X, 6X, 8X) and then to normal play speed.
3. For CDs, the LCD screen will display FR XX (Fast-Forward Speed), and will increment up to a maximum of 4X fast backward (1X, 2X, 3X, 4X) and then to normal play speed.
4. For DVDs, MP3s and CDs press play/pause (▶/ II) from any fast backward speed to resume normal play speed.

33
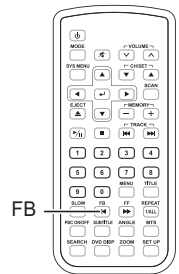
DVD/MP3/CD NEXT TRACK

1. During play, press the next **TRACK** ▶▶ button on the remote control.
2. DVDs will jump to the the next track or chapter. The Title and Chapter being played will display at the top of the LCD screen.
3. MP3s will jump to the the next track.
4. CDs will jump to the next track. The present track playing and the total number of tracks on the CD is displayed at the top of the LCD screen.

NEXT TRK
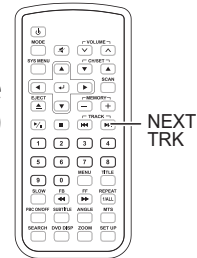
DVD/MP3/CD PREVIOUS TRACK

1. During play, press the previous **TRACK** ◀◀ button on the remote control.
2. DVDs will jump to the the previous track or chapter. The Title and Chapter being played will display at the top of the LCD screen.
3. MP3s will jump to the the previous track.
4. CDs will jump to the previous track. The present track playing and the total number of tracks on the CD is displayed at the top of the LCD screen.

PREV TRK
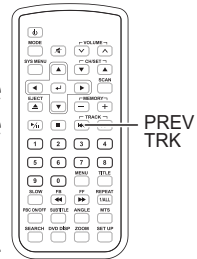
DVD/MP3/CD PLAY/PAUSE

1. During play, press the Play/Pause ▶/ ❚❚ button on the remote control to temporarily stop playback.
2. Press the Play/Pause ▶/ ❚❚ button on the remote control to resume playback.

PLAY/ PAUSE
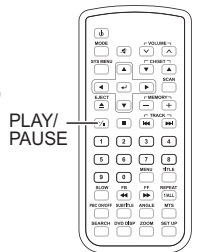
DVD/MP3/CD STOP

1. Press Stop ■ button on the remote control to stop playback when playing an Audio CD.
2. Press Stop ■ button on the remote control when playing a DVD will stop the DVD at the current location, a PRESS PLAY TO CONTINUE message will display on the LCD screen. Press PLAY/PAUSE ▶/ ▌▌ button to resume playback.
3. Press the Stop ■ button twice will stop the playback. The next time the PLAY/PAUSE ▶/ ▌▌ button is pressed the DVD will start at the beginning.
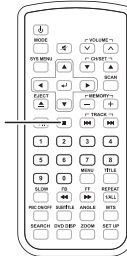
Note: Storage of the current location when stopped is not supported for MP3s or CDs.

DVD/MP3/CD SEARCH

Note: Search is not supported for MP3s.

1. Allows search for a particular Time/Track/Chapter.
2. Press the SEARCH button on the remote control to go to a selected part of the DVD/CD.

(1)

TITLE xx/xx   CHAPTER xxx/xxx

(2)

| TITLE xx/xx   xx : xx : xx |
|---|
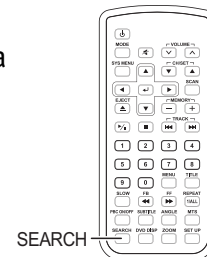
3. Use the number keypad on the remote to enter the track, chapter, or time information.
4. Press the **ENTER** button to go to the location selected.

DVD/MP3/CD Playing Functions

REPEAT FUNCTION

1. For CDs, press the **REPEAT 1/ALL** button on the remote control to have the current segment repeat. REP ONE, REP ALL, or REPEAT OFF are selectable by multiple presses of the **REPEAT 1/ALL** button. Pressing the **STOP** ■ button while playing will cancel the REPEAT selection.

2. For MP3s, press the **REPEAT 1/ALL** button on the remote control to have the repeat the current segment. REP ONE, REP FOLDER, DISC, DISC (repeat), DISC SCAN, SINGLE, or FOLDER are selectable by multiple presses of the **REPEAT 1/ALL** button.

3. For DVDs, press the **REPEAT 1/ALL** button on the remote control. CHAPTER REPEAT, TITLE REPEAT, or REPEAT OFF are selectable by multiple presses of the **REPEAT 1/ALL** button. Pressing the **SEARCH** button on the remote control and then the Play/Pause ▶/Ⅱ button repeats the selected part of the DVD or when the selected part is finished it then repeats.

REPEAT
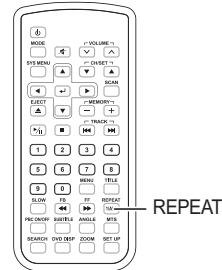
DVD ANGLE

Some DVDs support different viewing angles for the same scene. Press the **ANGLE** button on the remote control to select a viewing angle.

NOTE: *This function only works with DVDs that have different viewing angles recorded.*

ANGLE

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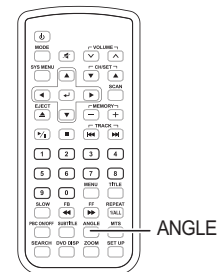
DVD MTS

*NOTE: MTS setting is only applicable to DVDs that support multi-sound tracks.*

1. During playing, press the **MTS** button on the remote. AUDIO X/X will display on the LCD screen. The first X represents is the current sound track playing. The second X is the total number of sound tracks available.

2. Continue to press the **MTS** button to advance to the other sound tracks.

MTS
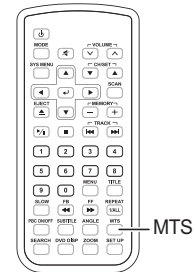
DVD SUBTITLE

NOTE: This function can only be used on DVDs that come with multi-language support.

1. During playing, press the **SUBTITLE** button on the remote. SUBTITLE XX/XX will display on the LCD screen. The first XX represents is the current subtitle playing. The second XX is the total number of subtitles available (along with the current subtitle language to be displayed).

2. Continue to press the **SUBTITLE** button to advance to the other subtitle languages.

3. When the **SUBTITLE** button is pressed beyond the maximum number of subtitles, SUBTITLE OFF will display on the LCD screen.

SUTITLE
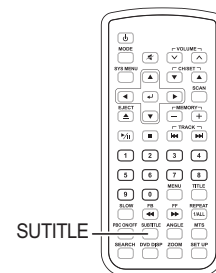
DVD MENU

Many DVDs come with different and unique selectable menus. But these all use similar operating methods.

1. Press the **MENU** button during playback. The root menu for the DVD will be displayed on the LCD screen.

2. Press the **Left/Right/Up/Down** (◄/►/▲/▼) buttons on the remote control to select from the menu options.

3. Press the **ENTER** (↵) button to activate that menu option.

MENU
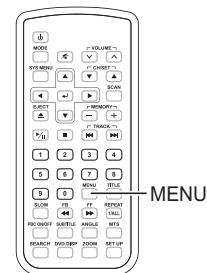
DVD TITLE

Some DVDs come with selectable titles.
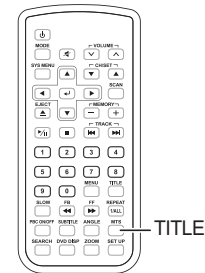
1. Press the **TITLE** button on the remote during playback. All the titles will be displayed on the LCD screen.
2. Press the **Left/Right/Up/Down** (◄/►/▲/▼) buttons on the remote control to select the desired title.
3. Press the **ENTER** (↵) button to play that title.

DVD DSP

The **DVD DSP** button on the remote displays the status of the DVD, MP3, or CD presently playing.

1. When a CD is playing the following will be displayed on the LCD screen with each **DVD DSP** button press.

SINGLE ELAPSED	XX/XX	MM:SS
SINGLE REMAIN	XX/XX	MM:SS
TOTAL ELAPSED	XX/XX	MM:SS
TOTAL REMAIN	XX/XX	MM:SS
OFF		

   The first XX represents the current track playing. The second XX represents the total number of tracks on the CD. MM:SS represents the time in minutes and seconds.

2. When a MP3 is playing the following will be displayed on the LCD screen with each **DVD DSP** button press.

CHAPTER ELAPSED	HH:MM:SS
CHAPTER REMAIN	HH:MM:SS
OFF	

   The HH:MM:SS is the time either elapsed or remaining; in hours, minutes and seconds.
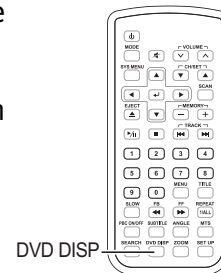
3. When a DVD is playing the following will be displayed on the LCD screen with each **DVD DSP** button press.

      TITLE   XX/XX   CHAPTER   XXX/XXX
      HH:MM:SS

      TITLE REMAIN
      HH:MM:SS

      CHAPTER ELAPSED
      HH:MM:SS

      CHAPTER REMAIN
      HH:MM:SS

The Title XX/XX shows the current title playing/total titles on the DVD. The Chapter XXX/XXX shows the current chapter playing/total chapters on the DVD. The time (HH:MM:SS) is shown in hours/minutes/seconds.

DVD Setup

SETUP MENU

This option allows the modification and setup of the DVD settings.

1. With the DVD player stopped and in DVD mode, press the SETUP button on the remote to display the following options.

NOTE: *The setup menu can be accessed with a DVD playing, but some of the menu selections may be inaccessible ("grayed" out). If the DVD is playing, press the remote's **STOP ■** button twice.*
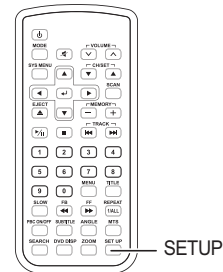
SETUP

SETUP MENU -- MAIN PAGE

GENERAL SETUP

SPEAKER SETUP

AUDIO SETUP

KARAOKE SETUP

PREFERENCES

EXIT SETUP

GENERAL SETUP

Use the Up/Down (▼/▲) buttons on remote to scroll to GENERAL SETUP option and press **ENTER** (↵) button. The following will display on the LCD screen. A brief explaination of each of the settings is given at the bottom of the menu dialog box.

1. TV DISPLAY
    NORMAL/PS
    NORMAL/LB
    WIDE
2. PIC MODE
    AUTO
    HI-RES
    N-FLICKER
3. ANGLE MARK
    ON
    OFF

4. OSD LANG
    ENGLISH
    CHINESE
5. CAPTIONS
    ON
    OFF
6. SCR SAVER
7. MAIN PAGE

SPEAKER SETUP

1. DOWNMIX
    LT/RT
    STEREO

        2. MAIN PAGE

AUDIO SETUP

1. OP MODE
    LINE OUT
    RF REMOD
2. DUAL MONO
    STEREO
    L-MONO
    R-MONO
    MIX-MONO
3. DYNAMIC
    FULL
    6/8
    4/8
    2/8
    OFF

        4. Not Used
        5. MAIN PAGE

KARAOKE SETUP

1. KARAOKE MODE
    OFF
    KARAOKE

        2. MAIN PAGE

PREFERENCES

1. TV TYPE
    MULTI
    NTSC
    PAL
2. AUDIO
    ENGLISH
    FRENCH
    SPANISH
    CHINESE
    JAPANESE
3. SUBTITLE
    ENGLISH
    FRENCH
    SPANISH

7. PASSWORD
   NOTE: *Make sure you write down and retain the new password. Unit is shipped* with a factory default of "1234." Select CHANGE

   Use the **Left**/**Right** (◄/►) button on the remote control, select CHANGE and press the **ENTER** (↵) button. The unit will ask you for the old password, an entry of the new password, and confirmation of the new password.

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CHINESE
JAPANESE
OFF
4. DISC MENU
ENGLISH
FRENCH
SPANISH
CHINESE
JAPANESE
5. LOCALE
CHINA
FRANCE
HONG KONG
JAPAN
TAIWAN
GBR
USA
6. PARENTAL

Use the Up/Down (▼/▲) buttons on remote to scroll to the parental restriction desired and press the **ENTER** (↵) button. A dialog box will appear requesting the password. The default password is "1234". Enter the password and press the **ENTER** (↵) button. The parental levels are listed below.

NOTE: You cannot change the parental setting with a DVD playing.

1. G
2.
3. PG
4. PG13
5.
6. PG-R
7. NC-17
8. ADULT
NO PARENTAL

8. DEFAULTS
NOTE: This does not restore the password to the default password (1234).

RESET

This restores the settings for the DVD setups to the factory defaults.
9. SMART NAV
This option is only for use with MP3s.
1. NO MENU
2. WITH MENU
10. MAIN PAGE
Return to SETUP MENU.
11. EXIT SETUP

Appendix A – Cleaning

CLEANING THE LCD SCREEN

> *CAUTION:* *To avoid possible shock hazard and equipment damage, be sure the LCD system is turned off and unplugged from the main electrical outlet before cleaning.*

> *CAUTION:* *Do not use any form of solvents on the LCD screen or enclosure.*

1. Use a soft, clean & dry cloth to gently wipe off the dust on the LCD screen.

2. Use a clean cloth dampened with water to wipe off the dirt.

3. Do not exert excessive force when cleaning the LCD screen.

CLEANING THE ENCLOSURE:

1. Use a soft, clean & dry cloth to gently wipe off the dust on the enclosure.

2. Use a clean cloth dampened with water to wipe off the dirt.

3. Do not exert excessive force when cleaning the enclosure.

Appendix B – Troubleshooting

If the unit fails to operate normally, try solving the problems using the procedures below. If the problem persists, switch off the unit and ask the dealer or technical services for assistance. Do not attempt to repair or open the defective unit as high voltage is present inside the unit.

1. No Picture
   a.   Check that the power cord is plugged into the main socket and the power is turned on at the front of the unit.
   b.   Check the contrast and brightness settings.

c. Check the antenna connection to see if it is properly connected to the unit's input terminal (TV ANT) located on the back of the unit.

d. Be sure you have selected the correct source mode (TV or CABLE).

2. DVD Player Not Working Properly

a. Ensure disc is correctly inserted into the unit.

b. Inspect the disc is not damaged (no scratches on the recorded side of the disc) and is of correct format to play in the unit.

c. Please wait as some disc requires longer time to read-in prior to playing.

d. Eject and re-insert disc.

3. Snow with picture in TV/CABLE mode.

a. Check to see if the antenna is correctly connected.

b. Check to see if the picture settings are correct.

4. Picture flickers

a. Check that the power coming from the main socket is sufficient.

b. Check that unit is not placed too near speakers or magnetic objects.

c. Check to see that the unit settings are correct.

5. Color patch on LCD screen(Unevenness)

Ensure connections are correct.

6. Horizontal dots on LCD screen

Ensure connections are correct.

7. No sound

a. Ensure that the mute function is off.

b. Volume set too low, increase the volume setting.

8. Remote control not working.

a. Check to verify that the battery is installed correctly (+ side of battery must be facing the bottom of the remote case), replace if necessary (CR2025).

b. Make sure that the remote control is pointed towards the remote sensor located at the front right of the enclosure.

9. FM transmitter not working.

a. Check to ensure that it is turned ON in the Menu.

b. Turn it OFF in the menu and disconnect power for at least 1-hour. Then reconnect power and turn it ON in the menu.

Specifications

Product Type	10.4" Digital LCD TV with built-in DVD/MP3/CD/JPEG/VCD player
LCD Panel	10.4" 4:3 LCD Panel
Brightness	250 cd/m^2
Ratio	200:1
Backlight	10000 hrs (normal operation)
Display Angle	Veritcal: 170°/Horizontal: 170°
AV Input/Output	Both inputs and outputs are provided
OSD Language	English/Chinese
Operating Voltage	AC: 110–230 VAC 50/60 Hz DC: 9–14 VDC @ 4A
IR Transmitter	L: 2.3 MHz, R: 2.8 MHz Effective angle of use: 45° Effective range of use: 13 feet (4 meters)
Remote	Range: 16 feet (5 meters)
TV Specification	NTSC, NTSC-Japan, PAL-BG, PAL-I, PAL-DK
DVD Player	Single disc vertical loading DVD player supporting DVD/MP3/CD/JPEG/VCD formats
Accessories	1. 10.4" carrying bag 2. User's manual 3. Remote control (with battery) 4. DC adaptor 5. AC cable 6. DC power cable 7. AV cable 8. Wireless headphones (2) (with 2 batteries)
FM Transmitter	CH1: 88.1 MHz CH2: 88.3 MHz CH3: 88.5 MHz CH4: 88.7 MHz

The company behind this system is Directed Electronics, Inc.

Since its inception, Directed has had one purpose, to provide consumers with the finest vehicle security, car stereo products, rear seat entertainment, and accessories available. The recipient of more than 20 patents in the field of advanced electronic technology, Directed is ISO 9001 registered.

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