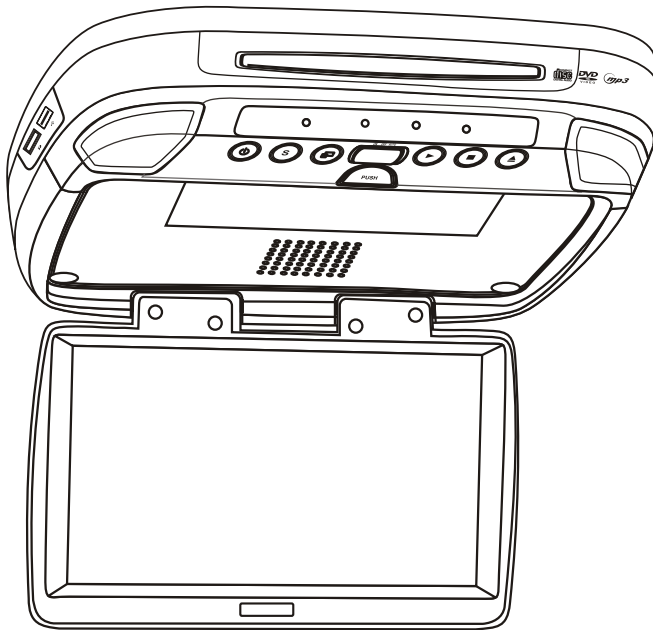# ODM90902CR

Overhead 9" TFT LCD Monitor
with Built-in DVD Player

Owner Manual / Installation Guide

Important Notice

An LCD panel or video monitor may be installed in a motor vehicle and visible to the driver if the LCD panel or video monitor is used for vehicle information, system control, rear or side observation or navigation. If the LCD panel or video monitor is used for television reception, video or DVD play, the LCD panel or video monitor must be installed so that these features will only function when the vehicle is in "park" or when the vehicle's parking brake is applied.

An LCD panel or video monitor used for television reception, video or DVD play that operates when the vehicle is in gear or when the parking brake is not applied must be installed to the rear of the driver's seat where it will not be visible, directly or indirectly, to the operator of the motor vehicle.

Warnings

Do not use any solvents or cleaning materials when cleaning the video monitor. Do not use any abrasive cleaners, they may scratch the screen. Use only a lightly dampened lint free cloth to wipe the screen if it is dirty.

Lock the LCD screen in the fully closed position when not in use.

Before putting on headphones always adjust the volume setting to the lowest position.

Remember to leave the dome light switch in the off or auto positions when the vehicle is unattended, as the dome lights, if left on, can drain the vehicle's battery.

Do not put pressure on the screen.

Caution children to avoid touching or scratching the screen, as it may

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Congratulations on your purchase of the unit Flip Down Monitor. This unit has been designed to give you and your family many years of video entertainment in the mobile environment. Please read the directions that follow to familiarize yourself with the product and to ensure that you obtain the best results from your equipment.

Please note: Installation options vary, see the individual owner's manuals for each component in your system to obtain a full understanding of each component's operation.

Safety Precaution

For safety reasons, when changing video media it is recommended that the vehicle is not in motion, and that you do not allow children to unfasten seat-belts to change video media or make any adjustments to the system. System adjustments can be accomplished using the remote control, while seat-belts remain fastened. Enjoy your entertainment system but remember the safety of all passengers remains the number one priority.

FEATURES

- 9 Inch TFT (Thin Film Transistor)
  Active Matrix LCD (Liquid Crystal Display) Monitor.

- OSD (On Screen Display) for control of Picture Quality and Functions.

- Full Function Remote Control.

- Playing DVD, CD and MP3 Disc.

- Built-in 16 Channel Frequency Wireless FM Modulator.

- Dome Light with 3-Position Switch.

- Three Audio/Video Source Inputs (DVD/SD/USB, AV1 and AUX).

- AV Output via RCA Cable.

- Last Position Memory for DVD.

- Screen Mode Selection (4:3, 16:9).

- Backlit Controls.

- USB 2.0 Port.

SPECIFICATIONS

Resolution	2400 x 480
Pixels	1,152,000
Operation Temperature	32 ~131º F
	(0 ~ 55º C)
Storage Temperature	-4 ~ 176º F
	(-20 ~ 70º C)
Backlight life	10,000 Hours
Video Display System	NTSC/PAL
Video Output	1.0Vp-p @ 75 ohms
Power Source	12V DC
Dimensions	W X H X L
	235 X 46 X 275mm

CONTROLS AND INDICATORS DIAGRAM
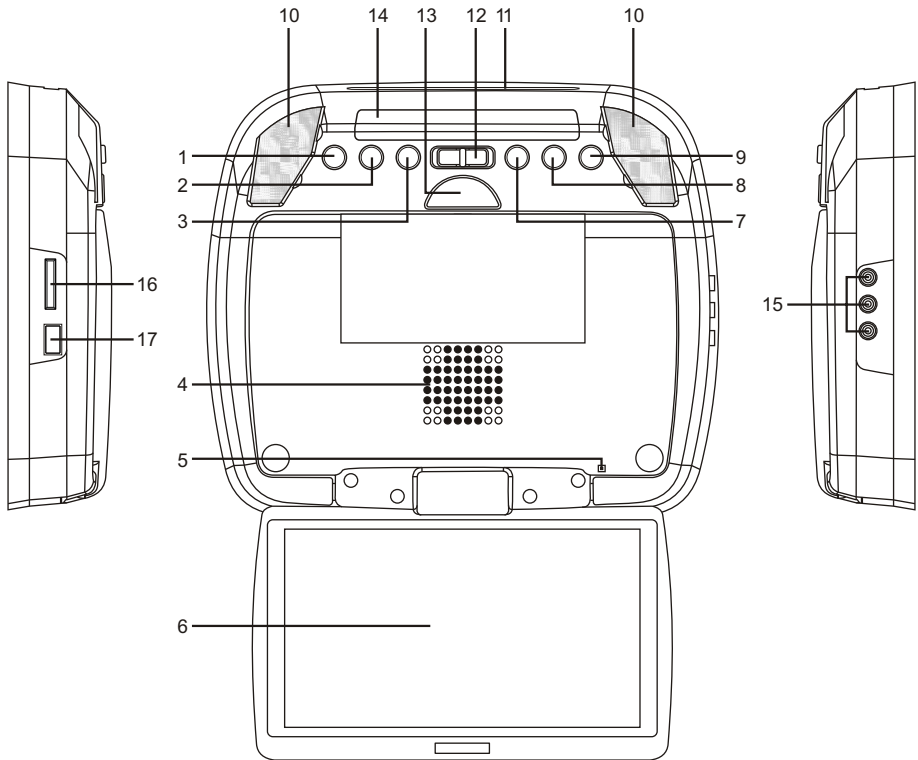
CONTROLS FUNCTION DESCRIPTIONS

1. **POWER Button** – Used to turn the DVD and Monitor system on/off. Bright red when the system is on, dim when off.

2. **Source Select** – Use to select one of the three sources: DVD/SD/USB, AV1, AUX.

3. **Screen Mode Button** – Allows the user to change the screen format (Aspect Ratio 4:3 or 16:9).

4. **Ventilation Openings**

5. **Monitor Cut Off Switch** – Used to turn off monitor when in the closed position.

6. **Drop Down Panel**

7. **PLAY Button** – This button is used to start playback of a disc for DVD.

8. **STOP Button** – This button is used to stop playback for DVD

9. **EJECT Button** – This Button is used to eject the disc for DVD.

10. **Dome Light** – Provide additional interior illumination.

11. **DVD disc insertion slot** – For loading and removing discs.

12. **Three Position Dome Light Switch**
    ON – Turns on the dome lights.
    OFF – The dome lights will not turn on in this position.
    AUTO – Automatically switches on the dome lights in conjunction with the vehicle's interior illumination.

13. **PUSH Button** – Push to release the screen for monitor.

14. **Infrared Transmitter and Sensor** – Use to transmit audio to the wireless headphones. Also allows the remote control to operate the unit and to control other accessories in the system.

15. **Auxiliary Audio/ Video Input**

16. **SD Card Reader** – Allow to read the contents (Audio, Photo, Video) data on the Secure Digital Card (SD Card), Multimedia Card (MMC), Memory Stick (MS).

17. **USB 2.0 Port**

Install The Battery In The Remote

nitial Use

When purchased the remote control has a battery installed with a Pull Tab to prevent battery discharge. Remove the Pull Tab before attempting to use the remote.

Battery Replacement

1. Remove the battery holder.
2. Insert the battery into the battery holder and insert the battery holder into the remote. Be sure to observe the correct polarity.
3. Align the battery holder with the remote control and push until the holder clicks.

CR2025
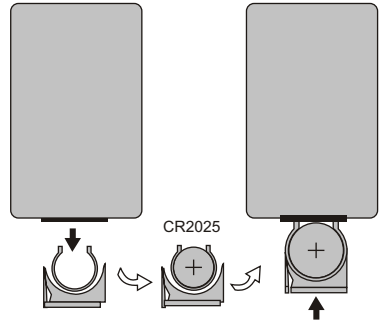
REMOTE CONTROL OPERATION
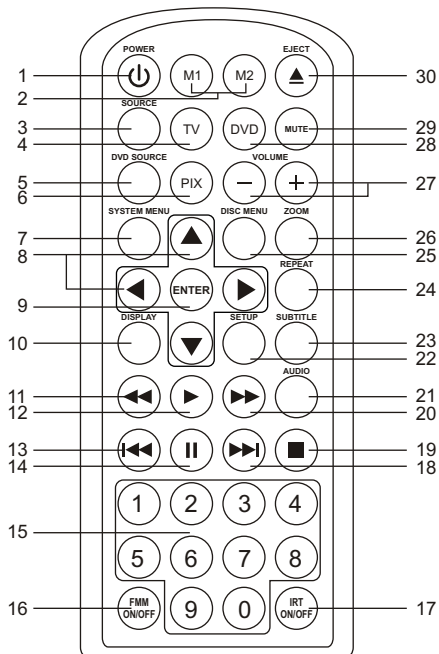
REMOTE CONTROL FUNCTION DESCRIPTIONS

* Function control is available on the unit and the Remote Control.

** Function not available in this model.

1. POWER*

Press this button to turn the unit ON and OFF.

2. MONITOR SELECT

M1 Button – Sets the remote control code to allow control of the unit set to M1 mode.

M2 Button** – Sets the remote control code to allow control of the unit set to M2 mode.

3. SOURCE*

Each time the button is pressed, the change mode as DVD/SD/USB, AV1 and AUX.

4. TV Mode Select

Switches certain function keys on the remote control for monitor functions.

5. DVD Source

This button is only active when remote control is in DVD mode. Each time the buttons is pressed one of the source (DVD/SD/USB) will be selected. If the SD or USB are not plugged in, it will remain on DVD Source. Press to change source in sequence of DVD > SD > USB.

6. PIX (Picture Select)

Each time this button is pressed, the OSD picture adjustment displays the "Adjustment bar" for BRIGHTNESS, CONTRAST, COLOR, TINT(For NTSC only) or RESET. Once the desired adjustment bar is displayed, use the VOLUME+/– button to adjust the setting. The display will automatically turn off if no adjustments are made within 6 seconds, or if any other button is pressed.

7. SYSTEM MENU

Allow the user to access the system menu. Press cursor (▲▼) buttons to select desired picture control FMM screen mode, OSD language and source default during power up.

8. CURSOR (▲▼◄►)

Use these buttons to access menu selections on the screen.

9. ENTER

Used to implement a selected setting or menu option.

10. DISPLAY
Press to display the current disc information while the disc is playing. Press the cursor (▲▼) buttons to select the Title or Chapter. For Title/Chapter selection use the numeric buttons to enter the desired Title Chapter selection.

11. SCAN BACKWARD (◀◀)
Press to search in a backward direction. Press repeatedly to change the search speed from 2, 4, 8, 16 times the normal speed.

12. PLAY*
Press to activate the play mode while a disc is loaded in the disc compartment.

13. PREVIOUS (◀◀)
Press to return to the previous chapter or track.

14. PAUSE (II)
Press to pause playback.

15. NUMBERS
Allow the user to ENTER the numbers 0-9 for selection of the tracks, titles chapters or password setting.

16. FMM ON/OFF
Turns the FM Modulator power on/off.

17. IRT ON/OFF (Optional)
Turns the Infrared Transmitter IRT ON or OFF for IR Wireless Headphones.

18. NEXT (▶▶)
Press to skip to the next chapter or track.

19. STOP (■)*
Press to stop playback.(It can be resumed playback).
Press twice at once to stop playback fully.

20. SCAN FORWARD (▶▶)
Press to search in a forward direction. Press repeatedly to change the search Speed from 2, 4, 8, 16 times the normal speed.

21. AUDIO
Press to display and select Audio language in DVD mode. Each time you press the button, the language changes.
Note: The available languages vary from disc to disc.

22. SETUP
Press to display the Setup Menu which allows the user to change the DVD player options such as LANGUAGE, VIDEO, RATING & MISC. Refer to the settings and adjustments section for more information.

23. SUBTITLE
Press to display and select the subtitle language in DVD mode. Each time you press the button, the subtitle language changes.
Note: The type and number of languages for subtitle vary from disc to disc.

24. REPEAT
Allows the user to repeat a selected title, chapter, or track.

25. DISC MENU
Allow the user to access the DISC's menu mode.

26. ZOOM
Press this button to enlarge the picture when playing a DVD disc.

Press ZOOM button	DVD player perform
Once	Q1- Enlarge the picture 2 times of the original size
Second	Q2- Enlarge the picture 3 times of the original size
Third	Q3- Enlarge the picture 4 times of the original size
Forth	Q off- Picture is returned to original size

27. VOLUME DOWN (-) or UP (+)
Press to decrease or increase the level of the picture adjustments. The volume use to adjust the picture setting level after the picture select button is pressed.

28. DVD Mode Select Button
Switches certain function keys on the remote control for DVD function.

29. MUTE
Press this button to mute the audio for wireless FMM, IR headphone and wired headphones.Pressing the button again restores the sound to the previously set level.

30. EJECT (⏏)*
This button is used to eject the disc.

MENU ADJUSTMENT

The System Menu Contains features and options that let you customize your system to change the screen mode display, OSD language and source default.
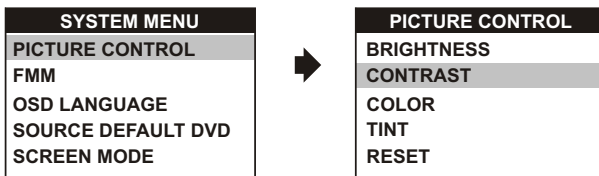
1) Press the SYSTEM MENU button on the remote, the main page of the system menu will appear on screen.
2) Use the cursor buttons ▲ or ▼ to select the desired item in the main page and press the ENTER button to select.
3) The sub menu will appear on screen.
4) Use the cursor buttons ▲ or ▼ to select an item in the sub menu and then press the ENTER button to select.
5) Press the System Menu button to exit System Menu.

Note: System Menu can be controlled via Remote Control only. (Items selected in the menu will have a green background)

PICTURE CONTROL SELECT

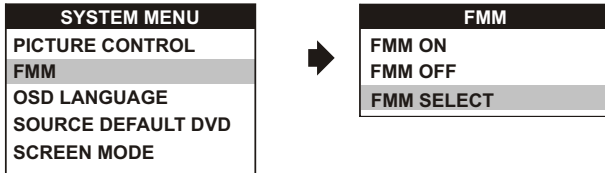When watching program, the picture quality can be adjusted to suit satisfactory.

1) Each time this button is pressed, the on screen picture adjustment displays the "adjustment" for **BRIGHTNESS, CONTRAST, COLOR, TINT** (for NTSC only) or **RESET.**
2) Once the desired adjustment bar is displayed, use the Volume(+)/Volume(-)button to adjust the setting. The display will automatically turn off if no adjustment are made within 6 seconds, or is any other button is pressed.
3) Press the ▼button four time to select RESET, thenpress either Volume(-)or the Volume(+)button on the remote or ther main unit and all of the picture settings (**BRIGHTNESS, CONTRAST, COLOR** and **TINT**)will return to the factory setting.

SYSTEM MENU
PICTURE CONTROL
FMM
OSD LANGUAGE
SOURCE DEFAULT DVD
SCREEN MODE

➡

PICTURE CONTROL
BRIGHTNESS
CONTRAST
COLOR
TINT
RESET

FMM SELECT

FMM ON/OFF Options - Turns the Wireless FM Modulator on or off.

FMM SELECT Options - Selects the wireless FM Modulator Frequency (**CH1** 88.1MHz, **CH2** 88.3MHz, **CH3** 88.5MHz, **CH4** 88.7MHz, **CH5** 88.9MHz, **CH6** 89.1MHz, **CH7** 89.3MHz, **CH8** 89.5MHz, **CH9** 89.7MHz, **CH10** 89.9MHz, **CH11** 90.1MHz, **CH12** 90.3MHz, **CH13** 90.5MHz, **CH14** 90.7MHz, **CH15** 90.9MHz, **CH16** 91.1MHz).

SYSTEM MENU
PICTURE CONTROL
FMM
OSD LANGUAGE
SOURCE DEFAULT DVD
SCREEN MODE

FMM
FMM ON
FMM OFF
FMM SELECT

OSD LANGUAGE

This allows the user to select the language for the on-screen display.
The user can either select English, Spanish, French, German for the OSD language.

SYSTEM MENU
PICTURE CONTROL
FMM
OSD LANGUAGE
SOURCE DEFAULT DVD
SCREEN MODE

OSD LANGUAGE
ENGLISH
SPANISH
FRENCH
GERMAN
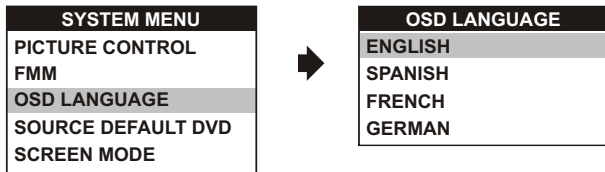
SOURCE DEFAULT DVD

This allows the user option for selectable to default to DVD source (via System Menu).
Note:
• If selected default source is set to DVD every time the unit's power is cycled with the source set to something other then DVD,
   the unit will power up and automatically switch the source over to DVD.

• Unit will be set to Last Memory on as the default mode of operation.

• *S*election of Source default can only be made from within the system menu .

SYSTEM MENU
PICTURE CONTROL
FMM
OSD LANGUAGE
SOURCE DEFAULT DVD
SCREEN MODE

SOURCE DEFAULT DVD
ON
OFF
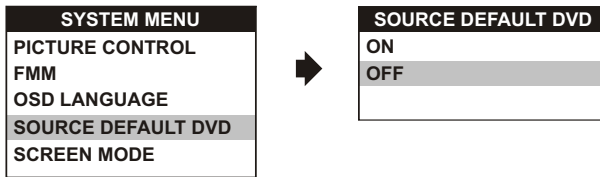
SCREEN MODE SELECT

This allows the user to change the screen format (aspect ratio 4:3, 16:9).
To select the screen aspect ratio format highlight SCREEN MODE and press ENTER button to enter the submenu. Then press the
Cursor button ▲ or ▼ to select from 4:3 or 16:9. Press ENTER button to confirm the setting.

SYSTEM MENU
PICTURE CONTROL
FMM
OSD LANGUAGE
SOURCE DEFAULT DVD
SCREEN MODE

| SCREEN MODE |
|---|
| 4:3 |
| 16:9 |
| |
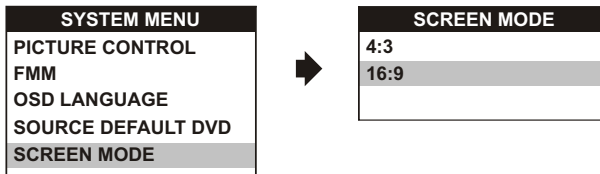
SETTINGS AND ADJUSTMENTS

The Setup Menu contains features and options that let you customize your DVD player. For example, you can set a language for the on-screen display or prevent DVD playback for children.

Using the Setup Menu

1. Press the SETUP button on the remote. The Setup Menu appears on the screen as shown per diagram.

☺ **Language**	OSD Language	: English
📁 **Video**	Subtitle	: Off
🔒 **Rating**	Audio	: English
💬 **Misc**		
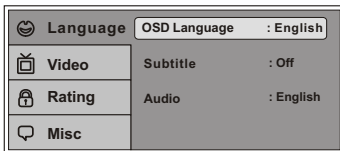
2. In order to set the desired option, move the highlight into the setup area using the cursor button ▶.
3. After entering the setup area, highlight the desired option using the cursor button ▲ or ▼.
4. Press ▶ to move the highlight to the different options for the selected item. Press the cursor button ▲ or ▼ to select the desired options, and then press ENTER button to confirm the selection.
5. Repeat steps 3~4 to continue setting the options that reside on the same Setup Page.
6. To change to another Setup page, press the cursor button ◀ until the highlight moves back to the icon on the top part of the Setup Menu. Then, repeat steps 2~5.
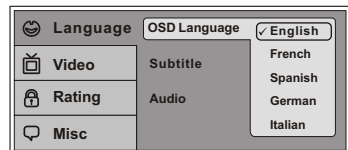
Exiting the Setup Menu

Press the SETUP button again only.

LANGUAGE SETUP
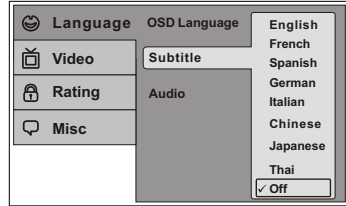
Language for On-Screen Display

OSD MENU: The OSD MENU setup allows you to select the language for the on-screen display.
The user can either select English, French, Spanish, German or Italian for the OSD language.

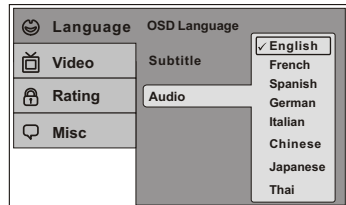| ☺ **Language**	OSD Language	✓English
📁 **Video**	Subtitle	French
🔒 **Rating**	Audio	Spanish
💬 **Misc**		German
		Italian

SUBTITLE SETUP

Select "SUBTITLE" using the cursor button ▲▼, then press the cursor button ▶ to enter the Sub menu. Select the subtitle you desire using the cursor button ▲▼, then press "ENTER" to confirm the setting. Press the cursor button ◀ to return.

☺ Language	OSD Language	English
🗋 Video	Subtitle	French
🔒 Rating	Audio	Spanish
🗨 Misc		German
		Italian
		Chinese
		Japanese
		Thai
		✓ Off

Note: The subtitle selection is only available for discs that are recorded in the above listed languages. If the selected, language is not available, the player will play and display on the screen the original language contained in the disc.

AUDIO SETUP

Select "AUDIO" using the cursor button ▲▼, then press the cursor button ▶ to enter the sub menu. Select the audio you desire using the cursor button ▲▼, then press "ENTER" to confirm the setting. Press the cursor button ◀ to return.

☺ Language	OSD Language	✓ English
🗋 Video	Subtitle	French
🔒 Rating	Audio	Spanish
🗨 Misc		German
		Italian
		Chinese
		Japanese
		Thai

Note: The audio selection is only available for discs that are recorded in the above listed languages. If the selected, language is not available, the player will play and display on the screen the original language contained in the disc.

VIDEO SETUP
TV Display
The TV DISPLAY setup allows you to adjust screen setting (aspect ratio).
4:3   This displays the wide picture with black bands on the upper and lower portions of the screen.
16:9   This displays a wide picture with black bands on the upper and lower portion of the screen.
The bandwidth will vary, depending on the aspect
Ratio of the disc.

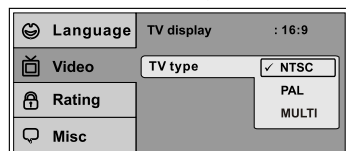| ☺ Language | TV display | 4:3 |
🗋 Video	TV type	✓ 16:9
🔒 Rating		
🗨 Misc		
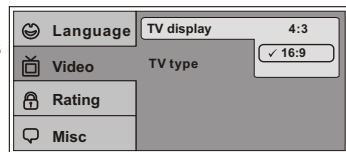
TV Type
The TV TYPE setup allows you to select the system to fit to the color system of the TV to be connected.
NTSC - Select this type for NTSC TV
PAL - Select this type for PAL TV
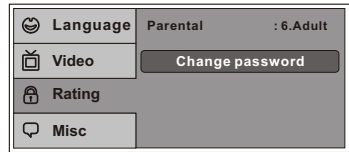MULTI - Select this type for multi-system TV

| ☺ Language | TV display | : 16:9 |
🗋 Video	TV type	✓ NTSC
🔒 Rating		PAL
🗨 Misc		MULTI

14

RATING SETUP

Rating

This item allows you to limit the content of movie playback from G to Adult. The lower the value, the more strict control.

1. G
2. PG
3. PG - 13
4. R
5. NC - 17
6. Adult

The rating level can only be changed when the displayed lock is open. For first time use to change parental control, using cursor ▶button to enter parental mode, key in the default password (3308) and press ENTER. Press ENTER button again to select the parental level, select the level and press ENTER. To change the password to your own password press "Change Password" mode and enter the default password (3308) and press ENTER. Press ENTER button and again and key in a new four digit password. After complete press ENTER button to end the process.
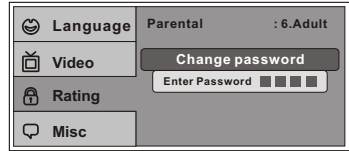
Note: The Default Password is 3308. This password is always effective even after you have selected your own password and changed it. To avoid the possibility of others using the default password to set the parental level and change the password, you can record this default password in another area and delete it from this manual. Some discs can be limited depending on the age of users while some discs cannot.

Misc SETUP

Select "MISC" using the cursor button▲▼, then press the cursor button ▶ to enter the Misc menu. Select the subtitle you desire using the cursor button ▲▼, then press "ENTER" to confirm the setting. Press the cursor button ◀ to return.
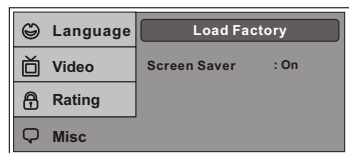
Load Factory

Load Factory allows you to reset all options to factory settings.

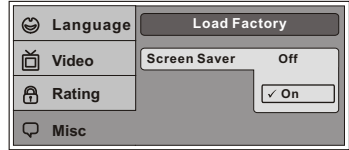* This function will not affect the Rating control settings.
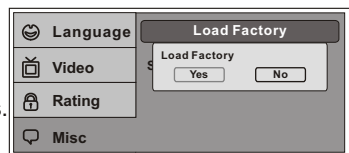
Screen Saver
ON - Screen saver will appear
OFF - Screen saver will not appear

Note: The DVD player will enable the Screen Saver
Mode if the unit is inactive for approximately 2 minutes.

☺ Language	Load Factory
📺 Video	Screen Saver Off
🔒 Rating	✓ On
💬 Misc	

Playing DVDs

1. Press the DISPLAY button on the remote control to display the status banner. The banner include title, chapter, angle, audio, subtitle, title selection & chapter selection.
2. **Title Selection**
   Press numeric(0~9) buttons to initiate a change of title selection. Then press ENTER button to implement the selection.
3. **Chapter selection**
   Press numeric(0~9) buttons to initiate a change of chapter selection. Then press ENTER button to implement the selection.

As toggle through the options, the repeat option changes at that time. The tracks, for example, repeats once that track has ended. The selected repeat option loops repeatedly until turn it off.

Playing USB, Memory Cards (SD/MMC/MS)

1. The system will detect the insertion of the USB or CARD (SD/MMC/MS) media automatically if no disc is loaded. The system only auto detects the first media inserted (card or USB drive); the second media source can be manually selected by pressing the DVD source button on the remote control.
2. When a disc is inserted, the system will switch to DVD mode immediately regardless of which type of media (card or USB) is currently playing.
3. The DVD source (DVD, USB, or SD Card) can only be changed if the DVD is stopped (not playing)
4. This system cannot support more than 2 memory partitions on the USB thumb drive.

Note: The system will always default to the DVD when the system detect a disc in the DVD player.

Playing MP3 Discs

MP3 is a format for storing digital audio. An audio CD-quality song can be compressed into the MP3 format with very little loss of quality, while taking up much less space. CDR discs that have been encoded in MP3 format can be played on your DVD player. The DVD player plays the songs in the order they were burned on to the disc.
When playback is started the elapsed time of the track that is playing will be displayed.

Selecting Folders and Songs
When a device containing MP3 files is loaded in the player, the navigation menu appears automatically.
1. Press the cursor button ▲ or ▼ to move the highlight to the desired folder (if present) on the left side of the menu and press ENTER. The songs in the folder will be displayed on screen.
2. Press the cursor button ▲ or ▼ to move the highlight to the desired track containing The song and press ENTER to begin track playback.

Skipping Songs
Use the Next (▶▶) button on the remote control to move to the next song. Use the Previous (◀◀) button to move to the previous song.
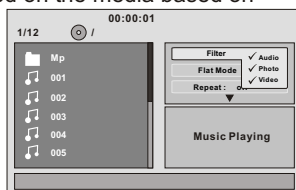
Selecting a Play Mode
Filter (For MP3 & JPEG only)
Fliter Mode enables or disables the display of files contained on the media based on their file extension.

The Filter function applies to the following formats:
  Audio - Audio data format (MP3, WMA)
  Photo - Photo data format (JPEG)
  Video - Video data format (MPEG I, II)

Flat Mode: play the entire disc
This mode is aways on (default). During the Flat Mode all the data folder with MP3, JPEG & movies will be played in sequence. If the Flat Mode function is off, it will only play the Selected folder; other folders are disabled.
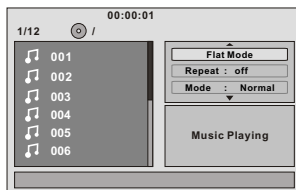
Repeat: play repetitively
Repeat function have 4 options Off, Single, Folder, All. Move cursor to Repeat function, press ENTER, Off/Single/Folder/All switch orderly. Repeat function's default status is Off;
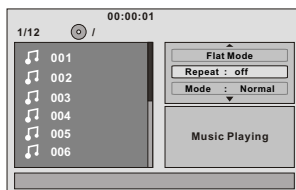
Mode: play mode

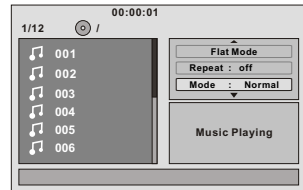The Mode function has 4 options: Normal, Shuffle, Random and Music Intro. Move cursor to the desired Mode function and press ENTER;Normal/Shuffle/Random/Music Intro are selected in that order. The mode function default status is Normal.

Normal: Play all songs in folder once

Shuffle: Play songs in a folder in a shuffle order. Each song in the folder is played only once.

Random: Play songs in a folder in a random order.

Music Intro: Play each song in order in the folder for 10 seconds

00:00:01	
1/12 ⊙ /	
♫ 001	▲ Flat Mode
♫ 002	Repeat : off
♫ 003	Mode : Normal
♫ 004	▼
♫ 005	Music Playing
♫ 006	

Remark– The purpose of the Music Intro function is to provide the user with a sample of each song for 10 seconds, thereby making it easy to select and listen to a favorite song.

Add to program

Method: To add the selected songs into browser view, make sure disc playback is off. Move cursor to Edit mode function and press ENTER. After Edit mode is selected, move cursor to songs list and select the songs which will be compiled and press ENTER. A check mark appears to the left of the selected song; to add the

00:00:01	
1/12 ⊙ /	
♫ 001	▲ Edit mode
♫ 002	Program view
♫ 003	Add to program
♫ 004	
♫ 005	Music Playing
♫ 006	
Album: ------------	

selected songs to the program, move cursor to the "Add to program" function and press ENTER. The selected songs is added into a new program list and the check mark will disappear on play list, move cursor to "Program view" function and press ENTER to browse the songs in the program. Press play button to play the selected songs.

Notice: Edit mode, Program view or Add to program functions are relationship related when select the preferred song add to the songs list.

Clear program

Method: To clear the selected songs program file, double press stop button to the playback mode, move cursor to Edit mode function and press ENTER. After Edit mode is selected, move cursor to selected songs list and select the songs which you want to delete;

00:00:01	
1/12 ⊙ /	
♫ 001	▲ Edit mode
♫ 002	Browser view
♫ 003	Clear program
♫ 004	
♫ 005	Music Playing
♫ 006	
Album: ------------	

press ENTER and a check mark will appears to the left of the selected song, move cursor to clear program and press ENTER, the selected songs will be deleted and disappear on the play list.
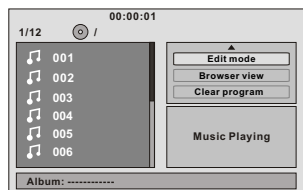
Notice: Edit mode, Browser view or Clear program functions are relationship related when delete the selected song at the songs list.
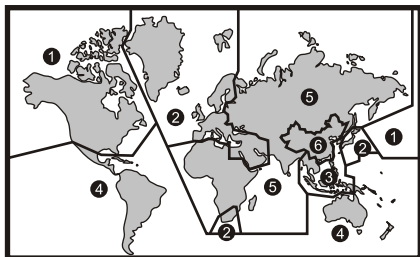
Region 1- USA, Canada
Region 2- Japan, Europe, South Africa,
          Middle East, Greenland
Region 3- S. Korea, Taiwan, Hong Kong,
          Parts of South East Asia
Region 4- Australia, New Zealand,
          Latin America (including Mexico)
Region 5- Eastern Europe, Russia, India,
          Africa
Region 6- China

DVD Area Code

The DVD player is preset to a region code at the factory depending on where the DVD player is sold. DVDs from a different regions cannot be played in this unit and the unit will display "WRONG REGION".

DVD Basics

To get the optimum use out of the DVD section, make sure you read this section completely.

Types of Discs your DVD will play

- DVD* disc - DVD discs which contain video.
- Audio discs - Audio CDs contain musical or sound content only.
- MP3 discs - A disc that contains audio files (for example, a CD-R with downloaded MP3 files).

* This system is capable of playing most recordable DVD formats. However, due to the variety of disc manufacturers and software, playback cannot be guaranteed.

Loading and Playing Discs

Before load a disc, make sure that it is compatible with the player. Insert the disc with the label facing to top.

*Note: the following Discs **CANNOT** be used with this player :*

- *MiniDisc*
- *Laserdisc*
- *CD-1, CD-ROM, DVD-ROM, Super Audio CD (SACD), DVD Audio, JPEG (KODAK)*
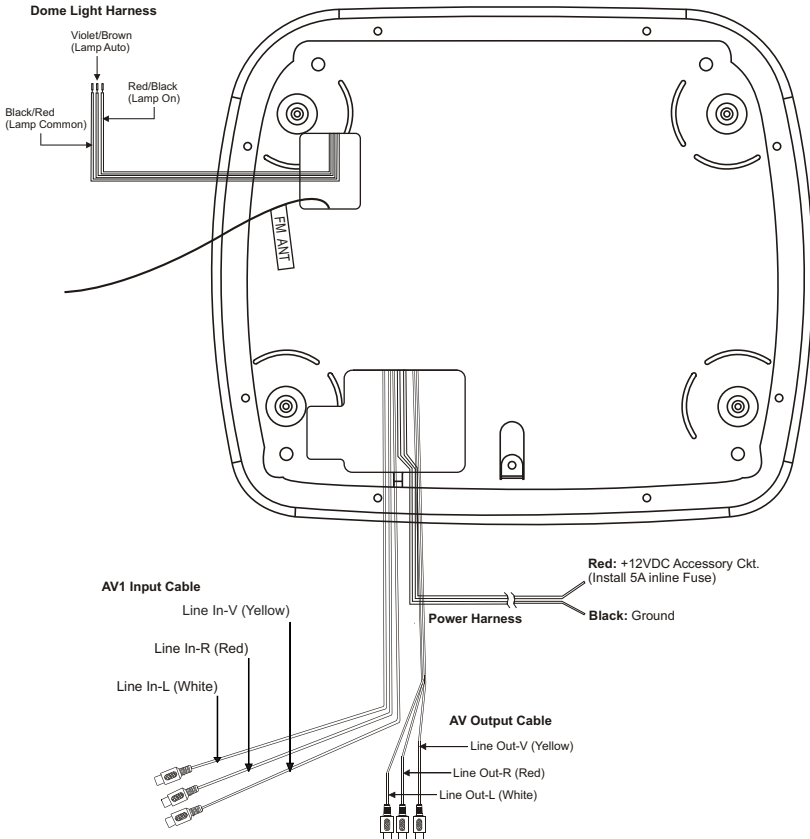
To load and Play a Disc

Press the Power button to turn the unit ON. Select DVD mode and insert the disc (Label facing ceiling) into the disc compartment.

TROUBLESHOOTING

PROBLEM	SOLUTION
IR sensor inoperative	—Verify that the batteries in the remote are fresh. —Verify that the remote sensor eye is not obstructed.
Disc won't play	—Insert a disc with the label side facing upwards. —Check the type of disc you put into disc tray. This DVD only plays DVDs, audio Cds and MP3s. —Both the unit and the disc are coded by region. If the regional codes don't match, the disc can't be played.
Play starts, but then stops immediately	—The disc is dirty. Clean it. —Condensation has formed. Allow player to dry out.
No sound or distorted sound	—Make sure DVD is inserting properly. Make sure all cables are securely inserted into the appropriate jacks. —If you are using the IR headphones, make sure you turn on the IR headphone power. —Make sure the Modulator is ON and the proper frequency has been selected.
Can't advance through a movie	—DVD can't advance through the opening credits and warning information that appear at the beginning of movies because the disc is programmed to prohibit that action.
⊘ Not allowed at the moment	—The feature or action cannot be completed at this time because: 1. The disc's software restricts it. 2. The disc's software doesn't support the feature (e.g., angles) 3. The feature is not available at the moment. 4. You've requested a title or chapter number that is out of range.

PROBLEM	SOLUTION
Picture is distorted	—The disc might be damaged. Try another disc. —It is normal for some distortion to appear during forward or reverse scan.
No forward or reverse scan	—Some discs have sections that prohibit rapid scanning or title and chapter skip. —If try to skip through the warning information and credits at the beginning of a movie, it won't be able to do. This part of the movie is often programmed to prohibit skipping through it.
Infared headphone inoperative	—Verify that the batteries in the infared headphone are fresh. —Verify the unit infared sensor eye is not obstructed or inoperate. —To reset the IRT sensor eye back to normal operation, press the screen mode and Power on/off button in the same time (unit in standby mode) to restart the IRT mode program. —Press the IRT ON/OFF mode to turn on the IRT sensor eye. (if the remote control have this key).

WIRING DIAGRAM

Dome Light Harness

Violet/Brown
(Lamp Auto)

Red/Black
(Lamp On)

Black/Red
(Lamp Common)

FM ANT

Red: +12VDC Accessory Ckt.
(Install 5A inline Fuse)

AV1 Input Cable

Line In-V (Yellow)

Line In-R (Red)

Line In-L (White)

Power Harness

Black: Ground

AV Output Cable

Line Out-V (Yellow)

Line Out-R (Red)

Line Out-L (White)

1) Connect the Power Harness to the mating connector on the Video Monitor.

2) Connect the power harness to the vehicle's electrical system through an In-Line 5-Ampere fused by tapping into an accessory hot line. Also connect the Black wire to a good chassis ground.

3) Connect the AV input cable to the AV Source output equipment (VCD, Game, DVD Player etc)

4) Connect the AV output cable to other AV Source input equipment.

5) Verify all functions of the system before final mounting of the finished assembly.
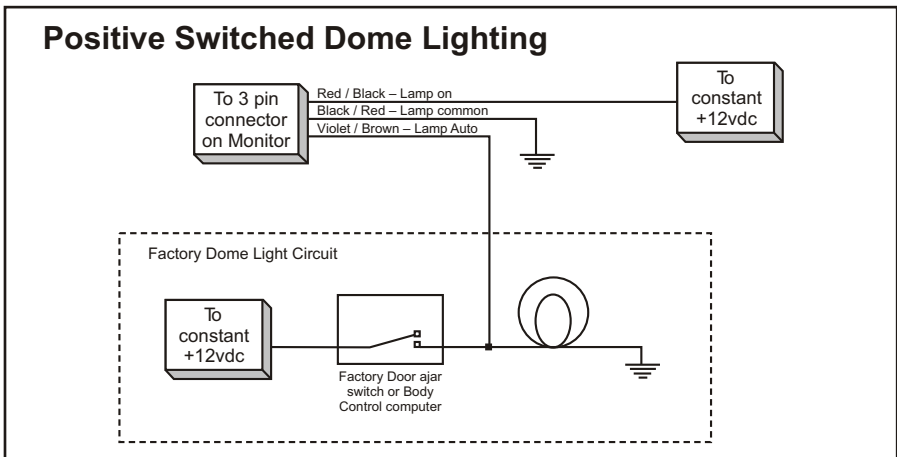
CONNECTING THE DOME LIGHTS

The dome lights in the video monitor require three connections to the vehicle's wiring. There are two common types of dome light circuits used, positive or negative switched. Positive systems supply voltage to the interior lights to turn them on, negative switched systems apply ground to illuminate the bulbs. To determine which system you have you must locate the wires at the dome light. On a positive switched system, with all the doors closed and the lights out, both wires at the dome light will rest at ground. When the light is activated, one of these wires will switch to +12 vdc. This is the vehicle's switching wire. On a negative switched system, with all the doors closed and the lights out, both wires at the dome light will rest at + 12vdc. When the light is activated, one of these wires will switch to ground. This is the switching wire.
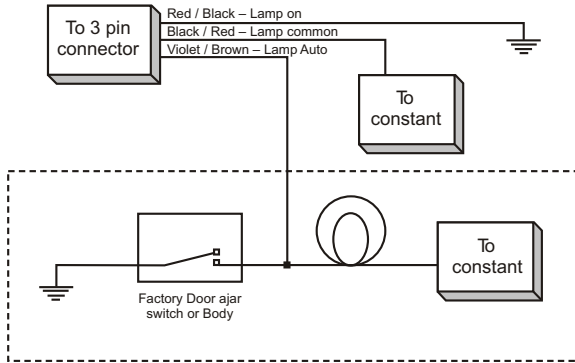
For positive systems, connect the violet / brown (Lamp auto) wire to the vehicle's switched wire. Then connect the red / black (lamp on) wire to a fused constant 12 volt source and the black / red (lamp common) wire to a good ground. Positive systems are commonly found on Ford vehicles.

For negative systems, connect the violet / brown (Lamp auto) wire to the vehicle's switched wire. Then connect the red / black (lamp on) wire to a good ground and the black / red (lamp common) wire to fused constant 12 volt source. Negative systems are commonly found on General Motors and import vehicles.
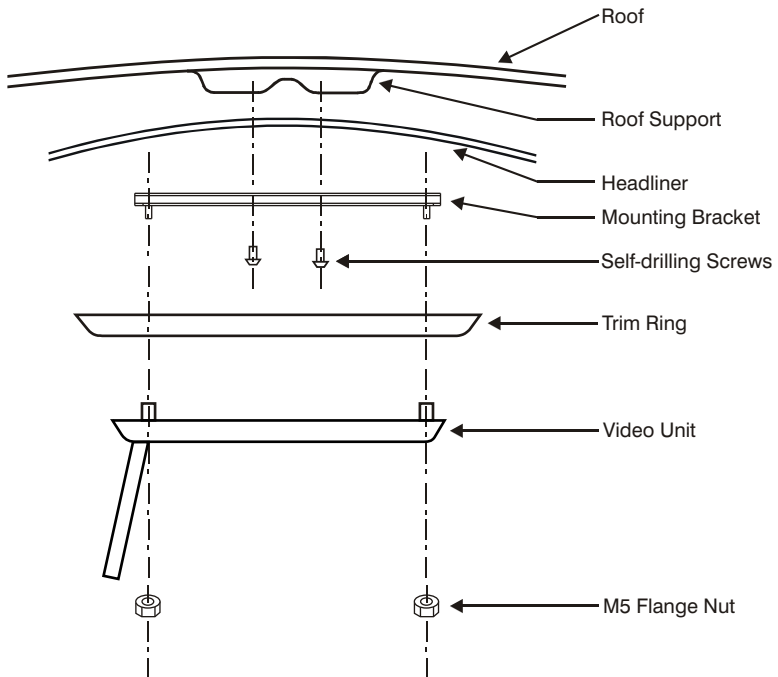
Note: Some vehicles which incorporate transistorized control of the dome light circuit, such as the 1999 Dodge Caravan, may require that the violet / brown (Lamp auto) wire be connected to the door pin switch wire, as the additional current draw of the Monitor's lights may not be supported by the output of the vehicles body control computer.

## Positive Switched Dome Lighting

To 3 pin connector on Monitor

Red / Black – Lamp on
Black / Red – Lamp common
Violet / Brown – Lamp Auto

To constant +12vdc

Factory Dome Light Circuit

To constant +12vdc

Factory Door ajar switch or Body Control computer

Negative Switched Dome Lighting

To 3 pin connector

Red / Black – Lamp on
Black / Red – Lamp common
Violet / Brown – Lamp Auto

To constant

Factory Door ajar switch or Body

To constant

Mounting the Trim Ring

Roof

Roof Support

Headliner

Mounting Bracket

Self-drilling Screws

Trim Ring

Video Unit

M5 Flange Nut

MATERIALS INCLUDED IN THIS PACKAGE

1) 9" Overhead TFT LCD Monitor with DVD Player   – 1pc
2) Trim Ring   – 1pc
3) Mounting Bracket   – 1pc
4) Remote Control   – 1pc
5) Hardware Kit:
   • ISO 3 x 6 RD+   – 8pcs
   • Self Drilling Screw (10mm)   – 4pcs
   • M5 Flange Nut   – 4pcs
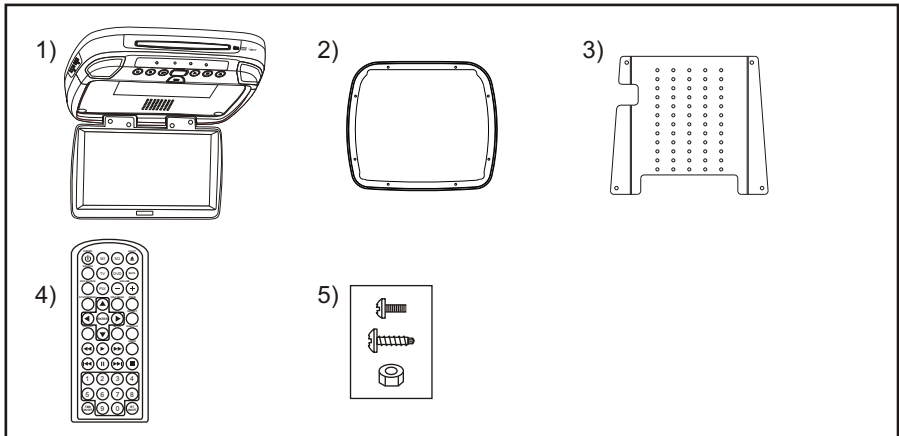
TOOLS REQUIRED:

• #2 Phillips Screwdriver
• #1 Phillips Screwdriver
• Utility or Razor Knife or Shears
• Wire Strippers
• Upholstery hook tool (for removal of panels as necessary)
• Electrical Tape
• Masking Tape
• Multimeter (to verify 12 volt DC and continuity: Do not use a test light or logic probe)
• Marker pen – to mark headliner
• Scribe (to mark trim ring if used)
• Misc. electrical connectors (to connect to vehicle power source). Requirements will vary
   from vehicle to vehicle.

Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.