APPENDIX I

: USER'S MANUAL

TFT 10.4" SCREEN

OVERHEAD COMBO

OWNER'S MANUAL

CAUTION

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

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CAUTION

Please read and observe all warnings and instrucrtions in this owner's manual and those marked on the unit. Retain this booklet for future reference. These are two kinds of alarm signs as follows.

WARNING — The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to person.

CAUTION — The Exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

⚠ WARNING

The driver should never operate these products while is the vehicle is in motion!

Installation of all TV monitors must be out of the driver's field of vision!

Do not try and service these products yourself, seek only a qualified service center or factory aevice center.

Be careful not to drop or apply undue pressure to the front panel of your video monitor. If the screen cracks due to misuse your warranty will be void!

Make sure to keep products away from heater ducts or vents and out of direct sunlight. Do not mount forward of the dirvers shoulders.

Be careful not to overload your cigarette lighter plug by adding more than on devise at a time.

Use extra caution with any liquids in your car if you or your child spills any liquid on these products, pull your vehicle to the roadside and turn the key off to disconnect or wipe the products with a towel. Do not operate the equipment until all liquids have either evaporated or you have had the monitor inspected at a severe center by a qualified technician. Servere harm or death can occur!

Use only a damp cloth to clean the screen and use only purified water on the cloth, wring out all excess water prior to wiping the screen. Do not use any cleaners or chemicals to clean the screen, in most cases a dry cloth will do!

Do not mount the product where it will obstruct the deployment of the airbag or inan area where it would affect the vehicular control, also be careful to mount product where they can become hazardous during sudden stops or in the event of an accident.

⚠ CAUTION

Quality installations are best performed by qualified and certified installers.

Watching monitor for an extended period of time without the engine running may deplete the vehicle's battery charge.

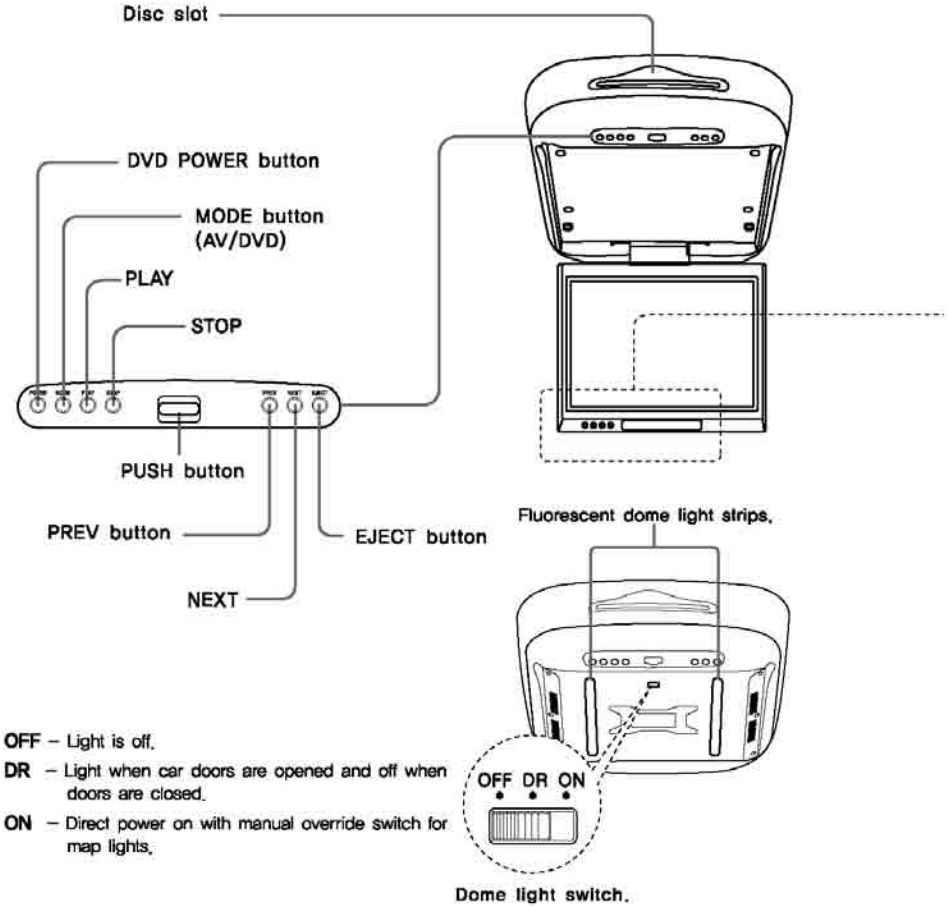
This product is designed for operation with a 12 Volt DC, negative ground vehicle. It is not suitable for operation under the other conditions or voltage.

☞ Check Point

1. The operating temperature of this product is limited to −20℃ ~ 80℃. Your vehicle can reach temperatures up to 100 degrees centigrade in the summertime.
2. From time to time when your vehicle extremely hot or cold you must allow time for your air conditioner or heater to cool or heat the vehicle to operating temperatures to return to nomal operating rages. Your monitor will return to its nomal functions when these opearting ranges are achieved.
3. Your optimum picture quality is achieved when you are directly in front of the monitor (+/−30 degrees).
4. Do not open covers and repair yourself, refer servicing to qualified personnel.
5. DVD Players use an invisible laser beam, which can cause hazardous radiation exposure for a long time of directed.
6. Do not cut the car power supply off while a disc is played, because it can cause damage in the DVD Player.

NAME AND FUNCTION OF EACH PART

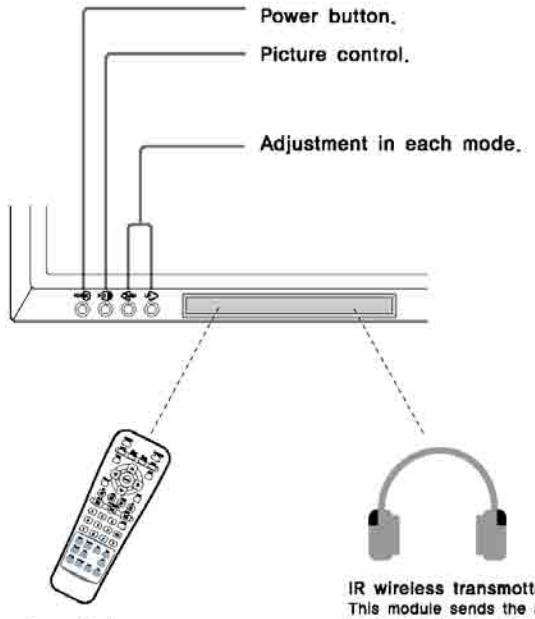
UNIT



OFF – Light is off.

DR – Light when car doors are opened and off when doors are closed.

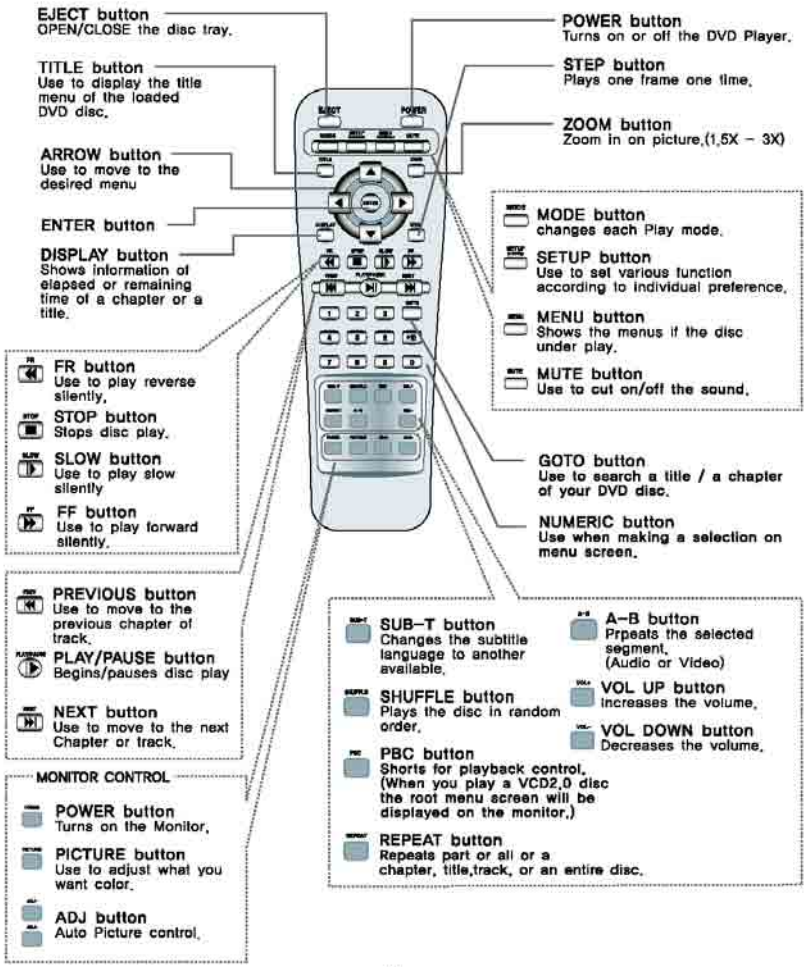
ON – Direct power on with manual override switch for map lights.



Remote control eye.
This allows transmitting of the remote controls IR signals for controlling all functions of your monitor.

IR wireless transmotter module
This module sends the audio signal to and aftermarket wireless IR headphones. The audio signal is converted to an infrared light transmitted to your headphones by line of sight. You only have to be in view of the IR transmitter.

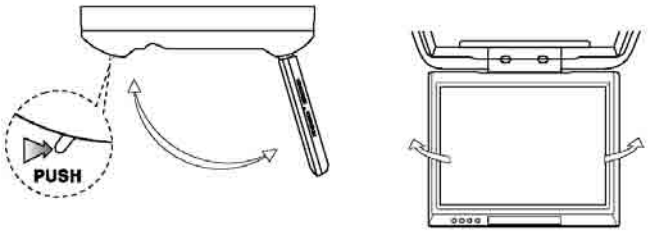
REMOTE CONTROLLER



HOW TO WATCH MONITOR

■ EXTRA PICTURE

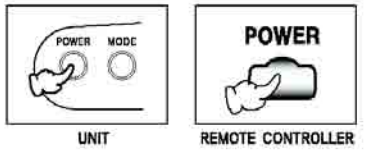
Push the open button, located at the front of your screen and lower the monitor to the desired level and angle of the swivel, mounted monitor.



※ When closing the displayed monitor on the ceiling mount, it will automatically be turned off. When opening the monitor again, it will automatically be turned on.

■ POWER AND MODE SELECT

1. Press the **POWER** button on the remote controller / the unit.
   Press the **POWER** button once to turn the power on/ off.



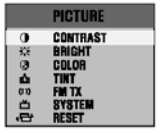
2. Press the **MODE** button on the reomte controller / the unit to achieve the desired **AV** Mode.
   whenever you press the Mode button, the condition is to be changed as the picture.

PICTURE CONTROL

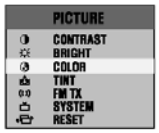
■ CONTRAST / BRIGHT / COLOR / TINT SELECTION

Use to achieve the desired settings

1. Press **PIC** button to bring-up the on screen picture control menu.



2. Select the desired menu by pressing the select **UP/DOWN** buttons to move the cyan colored cursor window up or down and highlight the desired function to change **Contrast, Bright, Color, Tint** etc.



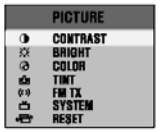
3. Adjust the current settings with the **ADJ+ or ADJ-** on the remote controller / **UP or DOWN** on the unit to achieve the desired settings.

EXTRA FUNCTION

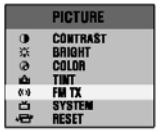
■ LISTENING TO YOUR MONITOR OVER YOUR CAR RADIO

(Remember to extend your car antenna)

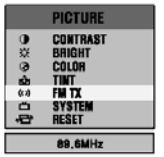
1. Press **PIC** button to bring-up the on screen Picture control menu.



2. Select the desired menu by pressing the select **UP/DOWN** buttons to move the cyan colored cursor window up or down and highlight the **FM TX** mode.



3. Adjust the Picture condition with the **ADJ+ or ADJ-** on the remote controller / **UP or DOWN** on the unit to achieve the desired settings **(88.3~90.1 Mhz)**

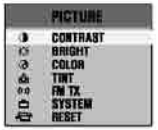


※ You Can listen the sound over your headphone only, when the setting is **Off.** (IR wireless transmitter module sends the audio signal to and aftermarket wireless IR headphones)

4. Select an open frequency on your car radio between.

■ OPERATING SYSTEM FUNCTION CONTROL

1. Press **PIC** button to bring-up the on screen Picture control menu.



2. Select the desired menu by pressing the select **UP/DOWN** buttons to move the cyan colored cursor window up or down and highlight the **SYSTEM** mode.

3. Select the **NTSC or PAL**, with the **ADJ+ or ADJ-** on the remote controller / **UP or DOWN** on the unit to achieve the desired setings **NTSC or PAL**.

NTSC ⟷ **PAL**

■ FACTORY RESET CONTROL FUNCTION

1. Press **PIC** button to bring-up the on screen Picture control menu.

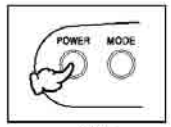
2. Select the desired menu by pressing the select **UP/DOWN** buttons to move the cyan colored cursor window up or down and highlight the **RESET** mode.

3. Select the **RESET** with the **ADJ+ or ADJ-** on the remote controller / **UP or DOWN** on the unit to achieve the desired factory default setting.

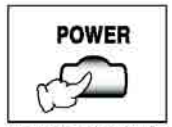
PLAYING TO DISC

■ PLAYING TO YOUR DVD PLAYER

1. Press the **POWER** button on the monitor / the DVD player.



UNIT



REMOTE CONTROLLER

2. Press the **MODE** button on the remote controller / the unit to achieve the desired **DVD** Mode.

Whenever you press the Mode button, the condition is to be changed as the picture.

3. Load a disc in the disc loading slot with label side upward. (see the picture)

Caution : Please check the Disc plate direction.

Insert a disc in the disc loading slot and it will be played automatically.

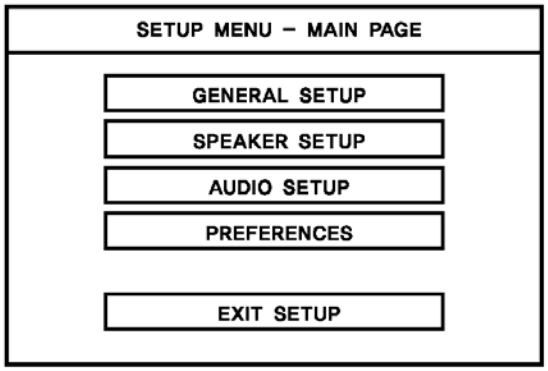
DVD SETUP

SETUP MENU - MAIN PAGE

An invalid button press.
When appears on screen, it indicates an invalid button press.

Caution : You can easily modify setup information on the setup menu.
You should remove the disc from your DVD Player firstly and then press SETUP button.

When the SETUP button is pressed, Monitor screen shows the setup menu as shown below.



If the user press setup button, DVD Player will be paused and shows the setup menu to select according to individual preference.

GENERAL SETUP

TV DISPLAY

You can select a TV screen aspect ratio.

FUNCTION	SETUP
NORMAL / PS 4:3 PAN SCAN Choose this setting if you want the movie to fill the entire screen of your TV(This might mean that the left and right edges won't be seen)	NORMAL / PS
NORMAL / LB 4:3 LETTERBO Choose this setting if you want the see movies in their original aspect ratio. The movie might appear with black bars at top and bottom of the screen.	NORMAL / LB
WIDE 16:9 WIDE SCREEN Choose this setting if your DVD Player is connected to a wide screen TV.	WIDE

(caution : This option is available only when the disc has the function)

OSD LANG

FUNCTION	SETUP
Use this option to set the on-screen display language(OSD).	ENGLISH

CAPTIONS

FUNCTION	SETUP
Use this option to set the display captions ON / OFF.	ON, OFF

SCR SAVER

FUNCTION	SETUP
The screen saver is useful to prevent you display from becoming damaged. The screen saver picture appears when you leave the DVD player in stop mode about two minutes.	ON, OFF

■ SPEAKER SETUP

DOWNMIX

FUNCTION	SETUP
Use this function to choose setting to play with several audio channel.	LT / RT / STEREO

■ AUDIO SETUP

DUAL MONO

FUNCTION	SETUP
Use to select audio mode.	STREO / L-MONO / R-MONO / MIX-MONO

DYNAMIC

FUNCTION	SETUP
Please Use this function as initial setting position.(OFF)	OFF TO FULL

■ PREFERENCES

TV TYPE

FUNCTION	SETUP
Choose a proper setting according to the color system of the TV type MULTI SYSTEM, NTSC, PAL.	MULTI / NTSC / PAL

AUDIO

FUNCTION	SETUP
Use this Funtion to select the soundtrack language (This option is available only when the disc is recorded)	ENGLISH, FRENCH, SPANISH, CHINESE, JAPANESE

SUBTITLE

FUNCTION	SETUP
Use to select the subtitle language on the screen.	ENGLISH, FRENCH, SPANISH, CHINESE, JAPANESE, OFF

DISC MENU

FUNCTION	SETUP
Use the disc menu option to select the menu language on the screen. (If the disc you are playing has that language available)	ENGLISH, FRENCH, SPANISH, CHINESE, JAPANESE

PARENTAL

FUNCTION	SETUP
The parental feature is a rating limit system, like movie ratings. It works with DVD discs that have been assigned a rating. This option lets you determine how your player will react to discs that contain movies that are rated (in the U.S.A) You decide which ratings require a password and which ones don't. (The default password code is 1234)	1 G 2 3 PG 4 PG – 13 5 6 PG – R 7 NC – 17 8 ADULT NO _ PARENTAL

PASSWORD

FUNCTION	SETUP
Use this menu option to change the saved password to a new one. If you want to change the password, then press the factory set password 0000 and press you want No.	CHANGE → OLD PASSWORD NEW PASSWORD CONFIRM PWD

DEFAULTS

FUNCTION	SETUP
Use this option to reset all options to the factory defaults.	RESET

■ SMART NAVI

SMART NAVI

FUNCTION	SETUP
This SMART NAVI feature shows the information about the MP3 disc under play.	USER SETUP

FUNCTION OF DVD

POWER

This DVD player work from the last mode when turns this set on.

OPEN / CLOSE

Each press of the EJECT button changes the play mode as side status.
When you insert your DVD disc into DVD player, the DVD disc will be played after showing "DISC LOADING" on the screen.
Most of DVD disc is played automatically.

Display
OPEN
CLOSE

PLAY OR SELECTION

Use this button to select a particular scene or plays disc.
Most of disc have a function of auto play. And play automatically.

Display
PAUSE
PLAY

STOP

DVD Stop disc Play

DVD player play previous scene when you press the STOP button.
The player will be stopped when you press this button again.

Press button	Display
1 time	PRESS PLAY TO CONTINUE

AUDIO MP3 Stop disc Play

AUDIO

DVD player play previous scene when you press the STOP button.
The player will be stopped when you press this button again.

Press button	Display
1 time	PRESS PLAY TO CONTINUE

MP3

Press button	Display
1 time	STOP

ARROWS

DVD An invalid button press.

AUDIO MP3 Button of the folder / track selection.

Selected a folder / track will be played when press select / play button after press stop button.

VOL+ / VOL–

To adjust audio output level of speaker from 0 to 16.
(The volume cannot be adjusted in TV mode or AV mode)

MUTE

Each press of the MUTE button changes the play mode as side status.

Display
MUTE
MUTE OFF

MENU

DVD Menu

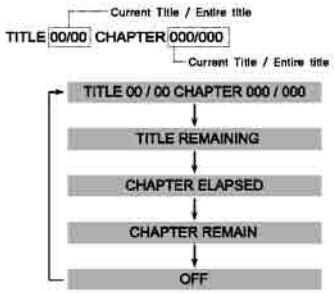
The Menu of the DVD disc is a little complicated.
The contents of Menu on the screen is different depends on DVD title.

AUDIO MP3 An invalid button press.

DISPLAY

DVD Title / Chapter

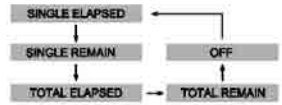
Each press of the button DISPLAY on the remote controller changes the play mode as follows.



AUDIO MP3 Entire CD / State of track

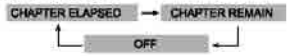
AUDIO

Each press of the display button display the information of the current CD title on the screen as follows.



MP3

Your DVD player will be displayed the counter automatically when you play the MP3 disc.



NUMBER BUTTONS

DVD Number buttons

0, 1, 2, ——9 number buttons are used to enter number, e.g.No. of track, DVD chapter No., time data, etc..

AUDIO MP3 Button of track selection

AUDIO

You can select a track by pressing Number button.

MP3

You can select a track in the forder by pressing Number button.

SUBTITLE

DVD SUBTITLE MENU

This item is to select the language for on screen display messages that will be displayed on the TV screen.

(The title menu is different depends on your DVD disc)

AUDIO MP3 An invalid button press.

TITLE

DVD TITLE MENU

Use to display the title menu of the loaded DVD disc.

(This Function is disc dependent)

AUDIO MP3 An invalid button press.

SLOW

DVD SLOW

To play a disc slow forward or slow reverse.
This allows you to search from forward 3 steps to reverse 3 steps.

Each press of the SLOW button changes the play mode as shown side states.

Display
SF 2X
SF 4X
SF 8X
SR 2X
SR 4X
SR 8X
PLAY

AUDIO MP3 An invalid button press.

FAST REVERSE SEARCHING

DVD Fast Reverse Searching

Each press of the FR button changes the play mode as shown side states.

Display
FR 2X
FR 4X
FR 8X
FR 16X
FR 32X
FR 64X
PLAY

AUDIO MP3 Fast Reverse Searching

AUDIO

Each press of the FR button changes the play mode as shown side states.

Display
FR 2X
FR 4X
FR 6X
PLAY

MP3

You can't use this function when playing MP3.

FAST FORWARD SEARCHING

DVD Fast forward searching

Each press of the FF button changes the play mode as shown side states.

Display
FF 2X
FF 4X
FF 8X
FF 16X
FF 32X
FF 64X
PLAY

AUDIO MP3 Fast forward searching

Each press of the FF button changes the play mode as shown side states.

Display
FF 2X
FF 4X
FF 6X
PLAY

PREV

DVD PREV

Used to move to the previous chapter from the current chapter.

AUDIO MP3 PREV

AUDIO

Used to move to the beginning / previous track from the current track when you press this button one / two time.

MP3

Used to move to the previous track.

NEXT

DVD NEXT

Used to move to the next chapter from the current chapter.

AUDIO MP3 NEXT

Used to move to the next track from the current track.

STEP

DVD STEP

Used this button to play one frame at a time.
To do normal speed press play button.

AUDIO MP3 An invalid button press.

REPEAT A-B

To repeat the selected segment.
It will be repeated the selected segment automatically until cancel.(Except MP3 disc)

REPEAT

DVD Repeats the chapter or the title

Each press of the REPEAT button changes the play mode as follow.

Display

CHAPTER REPEAT ON
↓
TITLE REPEAT ON
↓
REPEAT OFF

AUDIO MP3 Repeats the track or all the title on the disc.

AUDIO

Each press of the REPEAT button changes the play mode as follow.

Display

REP – ONE
↓
REP – ALL
↓
REPEAT OFF

MP3 (Use to change the play mode)

Display

REP – ONE
↓
FOLDER REP
↓
FOLDER

SHUFFLE

DVD An invalid button press.

AUDIO MP3 Random play

AUDIO

Use this button to play the loaded disc in a random order after press stop button.

MP3

You can listen to all the music in a random order.

SHUFFLE ON, RANDOM : Play in random mode,
FOLDER : Play in normal mode.

PBC

You can turn on or off the PBC function by pressing this button. When the PBC is loaded, PBC function is enabled automatically. This function is similar as selection of DVD title. (Except MP3 disc)

ZOOM

DVD ZOOM

Each press of the button changes the play mode as shown side states.

Display

ZOOM X1.5 → ZOOM X2 → ZOOM X3 → ZOOM OFF

AUDIO MP3 An invalid button press.

GOTO

This function is used to go to the track or chapter of the disc you want.
TITLE / CHAPTER / PLAY TIME

TITLE 00/00 CHAPTER 000/000
(Current Title / Entire title; Current Chapter / Entire Chapter)

CHAPTER

Please press the GOTO button to go to the desired chapter. Please press the proper numeric button to go to the track or chapter you want and press the ENTER button and the Unit will be played in the desired order.

TITLE 00/00 CHAPTER 008/033

(When the No. of a track of chapter is over 9, firstly push [+10] then push relevant number button.)

PLAY TIME

Please press the GOTO button to go to the desired time. Please press the proper numeric button to go to the desired time you want and press the ENTER button and the Unit will be played in the desired order.

TITLE 01/10 TIME__:__:__
00:23:14

TITLE

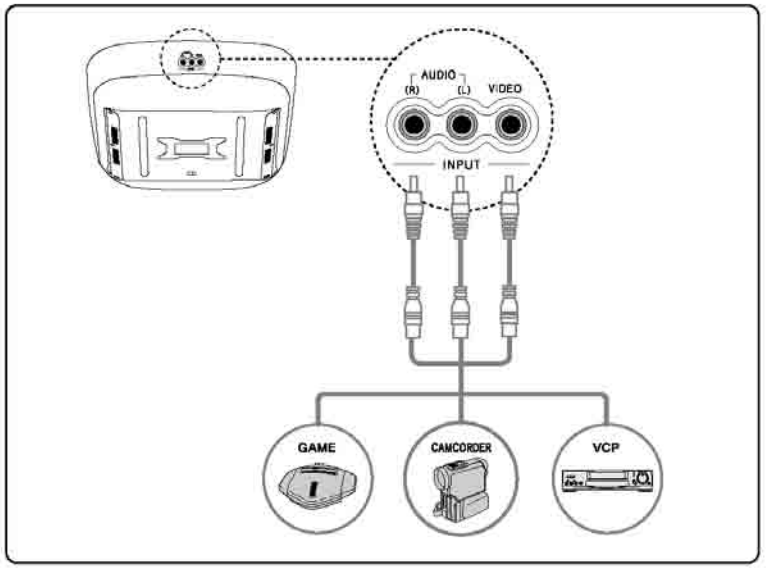
Please press the GOTO button to go to the desired TITLE. Please select the TITLE you want using the adjust button ◀. Please press the proper numeric button to go to the desired TITLE you want and press the ENTER button and the Unit will be played in the desired order.

TITLE 01/06 CHAPTER 008/033

CONNECTING EXTERNAL DEVICES

You can connect several external devices like shown the diagram

1. Connect all devices correctly like shown the diagram, be aware to shut off all power prior connection



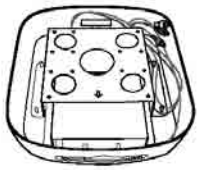
2. **POWER** on the monitor and other devices.

3. Press the **MODE** button on the remote controller / the unit to achieve the desired **AV** mode.

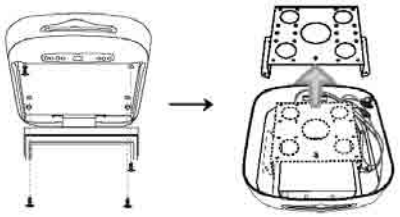
4. Play a external device.

INSTALLATION

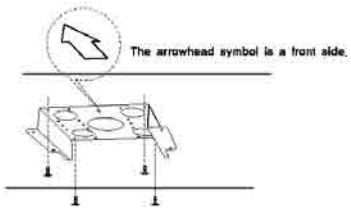
1. Unpacking and check.



2. Disjoint the iron bracket from the unit like shown the picture. (Take apart the monitor from the ceiling mount bracket with unscrews four screws on the unit body.)

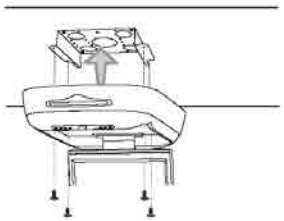


3. Tight the iron plate bracket with all screws on the ceiling.

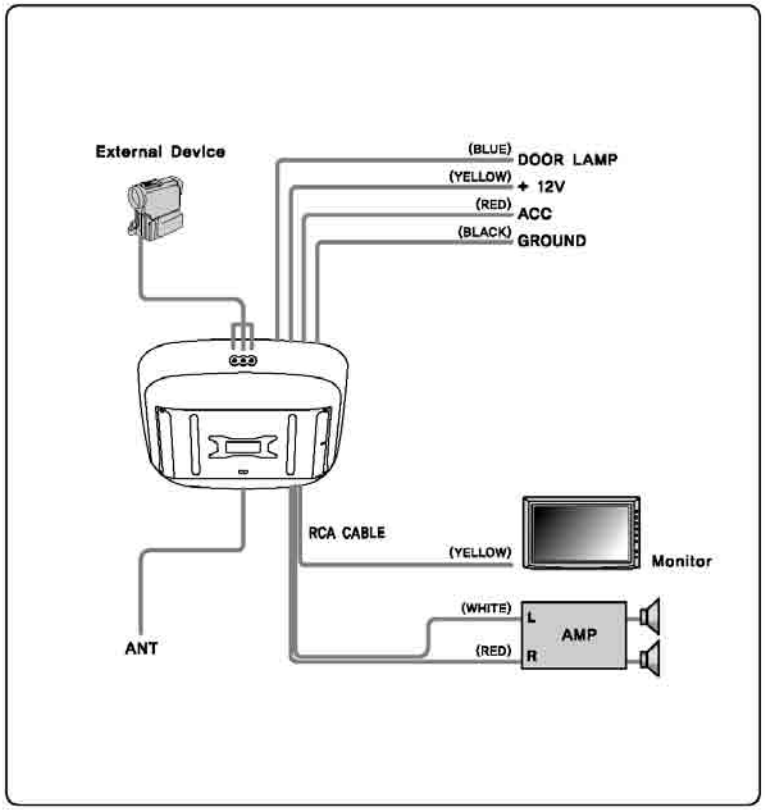


4. Connect all cable according to the condition of the diagram

5. Tight the monitor with all screws on the ceiling bracket.



CONNECTION DIAGRAM



DISC

DVD features

It provides this multi-media disc player high-resoultion image with high-quality sound and surround sound effect. T he DVD player can play not only DVD discs of various versions, but also S-VCD, VDC, Audio-CD, and MP3.
Each discs plays only saved-information and some function cannot use.

Discs that cannot be played

DVD-RW, DVD-REM, CD-ROM, CD-EXTRA discs cannot be played in this unit.
And a CD, CD-RW, which was recorded on special software, could not be played also.

Region code

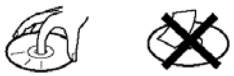
Your DVD player is desinged and manufactured to region management information that is recorded on a DVD disc. The region number of this DVD Player is 3 and Plays free code also.

Copy protection

This product incorporates Copyright protection technology that is protected by methods claims of certain U.S. patents and other intellectual property rights owned by the Macrovision Corporation and other rights owner's Use of this copyright protection technology must be authorized by the Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by macrovision corporation.

How to deal with disc

Don't touch the face carving information.
Don't stick label or glue-based note on disk(Don't use disks with remaining glue or damaged gluey label, it might result in damages to your DVD Player.)
Don't put discs at straight nuder the sunshine. And park your car under the shade.



Caution

Wipe softly with a wet cloth and then with a dry one.
Before playback, wipe the disc outwards from the center with clean cloth.
Do not use any type of solvent such as thinner, benzene, commercially available cleaners or antistatic spray.
Don't use scratched disc to avoid damaging your DVD Player.

TROUBLE SHOOTING

TROUBLE	ACTION
No Power	Check the AC power cable was connected properly
No Picture	Make sure that the equipment is connected properly. check the connected Monitor was turned on.
Stopped picture	Check the video cable was connected or TV/Monitor was turned on.
The playback picture is poor	Clean the disc.
No color	The Color system set by this unit does not match with that of TV/Monitor. Please check your System of the unit.
Distored sound	Adjust the video system by pressing TV system button.(PAL, NTSC, MULTI)
The remote controller doesn't work properly	Remove the obstacles between the remote control unit and remote control sensor. Operate the remote controller in a short distance.
Displayed "DISK ERROR" on the screen	Set the power button to OFF and then back to ON alternatively, Turn off the power, disconnect the power plug and then reconnect it.

Check point

When a disk is brought from a cold environment to a hot one, there be steam on the face of disk or water will appear the pickup lens. It will effect the play.

1. Remove the disc from DVD player.
2. Please turn on the power (unload the disc) to opearate it for an hour, vaporize the condensation with the home-grown heat.
3. You can use your DVD Player without any problems.

SPECIFICATIONS

Power	DC 12V
Current Consumption	32W Max
Screen Format	4 : 3
Resolution	800 X 600
Brightness	220 cd/㎡
Video System	NTSC / PAL
A/V Input	1 EA
A/V Output	1 EA
Screen size	10.4 inch
IR Transmitter	Yes
Dome Light	CCFL Type
Remote Control	Yes
Dimensions	(W)295 X (D)317 X (H)79 mm

Note : This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.