TFT - LCD WIDE SCREEN OVERHEAD COMBO

OWNER'S MANUAL



CAUTION

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 instructions in this owner's manual and those marked on the unit Retain this booklet for future reference

There are two kinds of alarm symbols as follows:



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

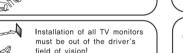


The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product

WARNING



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





Do not try and service these products yourself, seek only a qualified service center or factory sevice 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 driver's shoulders.



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



Use extra caution with any liquids in your car. If you or your child spill 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 service center by a qualified technician. Severe 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 in an area where it would affect the vehicular control. Also be careful to avoid mounting the product where it can become hazardous during sudden stops or in the event of an accident

CAUTION



Quality installations are best performed by qualified and certifled installers



Watching the 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 other conditions or voltages



Check Point

- 1. The operating temperature of this product is limited to $-4^{\circ}F \sim +176^{\circ}F$. Your vehicle can reach temperatures up to 212°F in the summertime.
- 2. From time to time when your vehicle is extremely hot or cold you must allow time for your air conditioner or heater to cool or heat the vehicle and for operating temperatures to return to normal operating ranges. Your monitor will return to its normal functions when these operating 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. Be sure to operate the unit correctly as instructed,
- 6. Do not cut the car power supply off while a disc is playing. It can cause damage to the DVD Player.

Name and function of each part

UNIT Disc Slot -Power button. Picture control. 6000 D 000 DVD POWER button Adjustment in each mode. MODE button (TV / AV / DVD) -PLAY / CH+ button 0000 STOP / CH- button 7 7 7 7 PREV NEXT EJECT PUSH button Fluorescent dome light strips. PREV button -EJECT button NEXT / MEMORY button = IR wireless transmitter module This module sends the audio signal Remote control eye. to aftermarket wireless IR headphones. This allows transmitting of the The audio signal is converted to an infrared remote control's IR signals for light transmitted to your headphones by line controlling all functions of your of sight. You only have to be in view of the IR transmitter monitor.

OFF - Light is off.

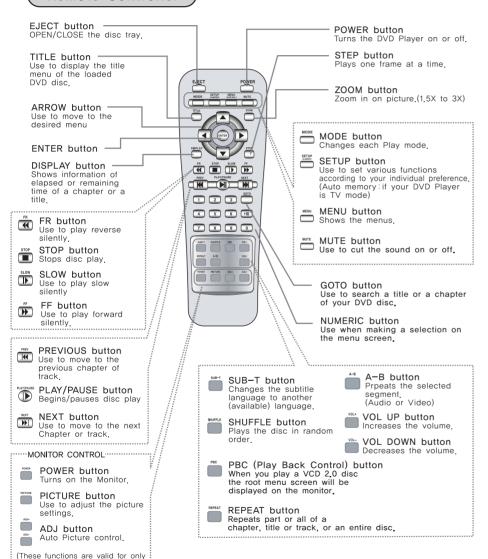
- DR Light goes on when car doors are opened and goes off when car doors are closed.
- ON Direct power on with manual override switch for map lights.

Dome light control switch.

OFF DR ON

Remote Controller

some products.)

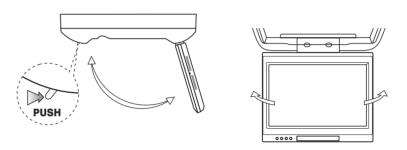


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How to operate the monitor

■ Releasing the monitor

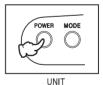
Push the open button (located at the front of your screen) and lower the monitor to the desired level. You can also adjust the swivel angle.



* The monitor will automatically turn off when it is closed to the ceiling mount. When the monitor is opened again, it will automatically be turned on.

■ POWER and MODE select

 Press the POWER button on either the remote control or the unit once to turn the power on.
 Press the same POWER button to turn your power off.

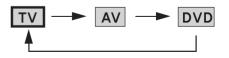




REMOTE CONTROLLER

Press the MODE button on the remote control or the unit to achieve the desired TV Mode.

Whenever you press the **MODE** button, you will select either the auxiliary input or the **DVD** mode.



■ How to select channels automatically

 Press the MEMORY button on the unit or SETUP(A,MEMO) button on the remote control to select all available Channel. (only TV mode)



- * Channel may not be selected in a bad RF signal region,
- 2. Select the channel you want by pressing button or CH+, CH-.

■ How to select channels by manual

Use to add or delete channels manually.

- Select channels you want by pressing the numeric buttons or adjust button on the remote control.
- Select ADD or DEL with the arrow UP/DOWN buttons on the remote control



Picture control

■ Contrast, Bright, Color or Tint selections:

Use to achieve the desired settings.

 Press the (PICTURE) button to bring up the on-screen picture control menu.

	PICTURE
•	CONTRAST
*	BRIGHT
3	COLOR
15.21	TINT
一	SCREEN
((1)	FM TX
一	SYSTEM
, □,	RESET

 Select the desired menu by pressing the arrow (UP/DOWN) buttons to move the cyan-colored cursor window up or down. Highlight the desired function to change Contrast, Brightness, Color, Tint etc.

	PICTURE	
•	CONTRAST	
×	BRIGHT	
3	COLOR	
1521	TINT	
一	SCREEN	
((1))	FM TX	
一	SYSTEM	
. □	RESET	

 Adjust the current settings with the left and right arrow buttons on the remote control or the ADJ▲ or ADJ▼ buttons on the unit to achieve the desired settings,



■ Screen mode control

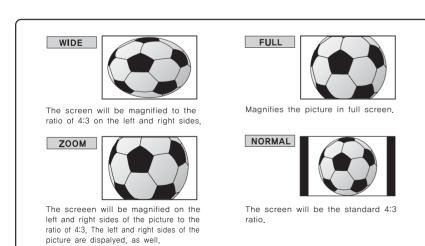
(Adjust the screen mode to your taste.)

- Press the (PICTURE) button to bring up the on-screen picture control menu.
- Select the desired menu by pressing the arrow (up/down) buttons to move the cyan-colored cursor window up or down. Highlight the (Screen) mode.
- Adjust the picture conditions with the left and right arrow buttons on the remote control or the ADJ▲ or ADJ▼ buttons on the unit to achieve the desired setting.

	PICTURE	
•	CONTRAST	
×	BRIGHT	
3	COLOR	
1521	TINT	
ŭ	SCREEN	
(0)	FM TX	
一	SYSTEM	
, □'	RESET	

	PICTURE
•	CONTRAST
×	BRIGHT
3	COLOR
15.21	TINT
Ŏ	SCREEN
(0)	FM TX
二	SYSTEM
ė	RESET



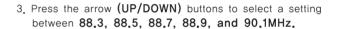


Extra functions

■ FM transmitter control function

Listening to the audio portion of the disk through your automotive speakers (Remember to extend your car antenna.)

- Press the (PICTURE) button to bring up the on-screen picture control menu.
- Select FM TX by pressing the arrow (UP/DOWN) buttons to move the cyan-colored cursor window up or down.





	PICTURE
•	CONTRAST
×	BRIGHT
3	COLOR
кż	TINT
一	SCREEN
(())	FM TX
一	SYSTEM
,C	RESET

	PICTURE	
•	CONTRAST	
×	BRIGHT	
3	COLOR	
r <u>i</u> z	TINT	
一	SCREEN	
(())	FM TX	
一	SYSTEM	
, □,	RESET	
	89.6MHz	

4. Select an open frequency on your car radio - 88.3, 88.5, 88.7, 88.9, and 90.1.





■ Operating system function control

- Press the (PICTURE) button to bring up the on-screen picture control menu.
- Select the (SYSTEM) menu by pressing the arrow (UP/DOWN) buttons to move the cyan-colored cursor window up or down.
- Select (NTSC) or (PAL) with the arrow (up/down) buttons on the remote control or the ADJ▲ or ADJ▼ buttons on the unit to achieve the desired setting (NTSC) or (PAL).





	PICTURE	
0	CONTRAST	
×	BRIGHT	
3	COLOR	
rš2	TINT	
一	SCREEN	
((1)	FM TX	
一	SYSTEM	
, (C)	RESET	

	PICTURE	
_		
•	CONTRAST	
×	BRIGHT	
3	COLOR	
r <u>\$</u> 2	TINT	
ŭ	SCREEN	
(O)	FM TX	
苎	SYSTEM	
, □	RESET	
NTSC		

■ Factory reset control function

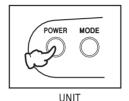
- Press the (PICTURE) button to bring up the on-screen picture control menu.
- Move to the (RESET) menu by pressing the arrow (UP/DOWN) buttons to move the cyan-colored cursor window up or down.
- Select (RESET) to achieve the desired factory default setting,

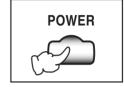


Playing a disc

■ Playing your DVD player

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





REMOTE CONTROLLER

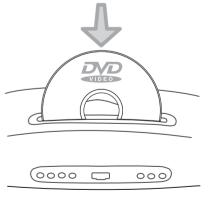
Press the MODE button on the remote control or the unit to select the desired DVD Mode

Whenever you press the **MODE** button, you will select either the **TV** mode the auxiliary input,



3. Load a disc in the disc loading slot with the label side down.

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



DVD Setup

SETUP MENU-MAIN PAGE



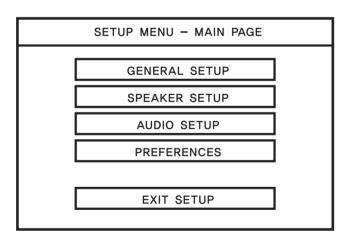
An invalid button press.

When this symbol appears, it indicates that an invalid button has been pressed.

You can easily modify setup information on the setup menu.

Caution: You should remove the disc from your DVD player first. Then press the **(SETUP)** button. If a DVD is playing when the **(SETUP)** button is pressed, the DVD player will be paused.

When the **(SETUP)** button is pressed, the monitor screen shows the setup menu as shown below. Select a menu category to modify according to individual preference.



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■ GENERAL SETUP

SCREEN DISPLAY

You can select a screen display aspect ratio:

FUNCTION



NORMAL / PS 4:3 PAN SCAN

Choose this setting if you want the movie to fill the entire screen. (This might mean that the left and right edges won't be seen)

NORMAL / PS

"SETUP"



NORMAL / LB 4:3 LETTERBOXED

Choose this setting if you want to see movies in their original aspect ratio. (The movie might appear with black bars at the top and bottom of the screen.)

NORMAL / LB



WIDE 16:9 WIDESCREEN

Choose this setting if your DVD Player is connected to a widescreen TV. (This option is available only if the disc has a 16:9 display aspect ratio.)

WIDE

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

OSD LANGUAGE

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 your display from becoming damaged. The screen saver picture appears when you leave the DVD player in stop mode for about two minutes.	ON, OFF

■ SPEAKER SETUP

DOWNMIX

FUNCTION	"SETUP"
Use this function to chose the setting to play with several audio channels.	LT / RT / STEREO

AUDIO SETUP

DUAL MONO

1	ſ	
	FUNCTION	, "SETUP"
	Use to select the audio mode.	STREO / L-MONO /
		R-MONO / MIX-MONO

DYNAMIC

FUNCTION	: "SETUP"
Use this function to change the setting from the factory-preset OFF position.	OFF TO FULL

PREFERENCES

TV TYPE

FUNCTION	"SETUP"
Choose a proper operating 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 (If the disc you are playing has that language available)	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 0000)	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, select the factory — set password and enter the numbers you want.	CHANGE → OLD PASSWORD NEW PASSWORD CONFIRM PWD

DEFAULTS

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

DVD functions



POWER

This DVD player has 12-hour last position memory. It will play the DVD where you left off when the power is turned back on,



OPEN / CLOSE

Each press of the button changes the play mode as the text to the right illustrates.

When you insert your DVD disc into the DVD player, "DISC LOADING" will appear on the screen. Then the DVD disc is played automatically.



PLAY OR SELECTION

Use this button to select a particular scene or play the disc. Most DVD discs will play automatically.

Display PAUSE PLAY

Display

OPEN

CLOSE



STOP

Stop disc play (last scene memory)

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

Press button 1 time

Display PRESS PLAY TO CONTINUE AUDIO Stop disc Play

AUDIO

The audio disc continues from the last position when you press this button. The player will be stopped when you press this button again.

Press button 1 time

Display

PRESS PLAY TO CONTINUE

MP3

Press button 1 time

Display STOP

ARROWS

An invalid button press.



AUDIO Button of the folder or track / MP3 / selection.

The selected folder or track will be played when you press the select / play button, after you press the stop button.



VOL+ / VOL-

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



MUTE

Each press of the button changes the play mode.



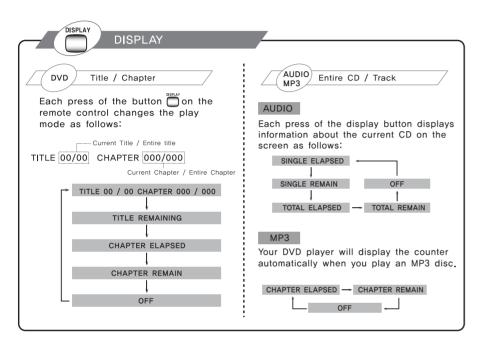
MENU

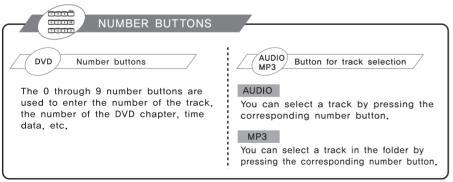
DVD Menu

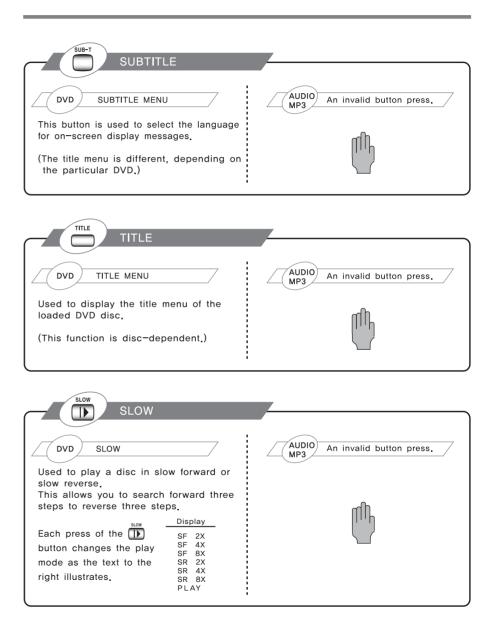
The menu of a DVD disc varies. The content of the menu on the screen is dependent on the particular DVD.













FAST REVERSE SEARCHING

 7 DVD $_{\perp}$

Fast Reverse Searching

Each press of the

the play mode as the text to the right illustrates.

Each press of the pisplay

FR 2X

FR 4X

FR 8X

FR 16X

FR 64X

PLAY

AUDIO

AUDIO

Each press of the

PR 2X

Display

FR 2X

Display

FR 2X

FR 4X

Play mode as the text

To the right illustrates.

PLAY

MP3

You can't use this function when playing MP3

MP3



FAST FORWARD SEARCHING

Display

PLAY

DVD Fast forward searching

Each press of the

FF 2X

The play mode as

The text to the right

FF 32X

FF 4X

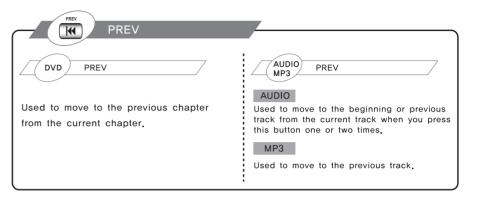
FF 4X

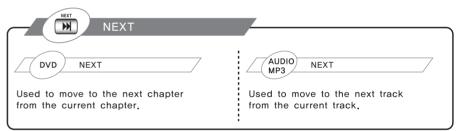
FF 64X

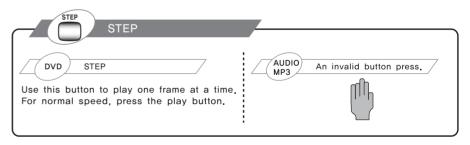
FF 64X

Each press of the Display

button changes FF 2X
the play mode as FF 6X
the text to the right illustrates.



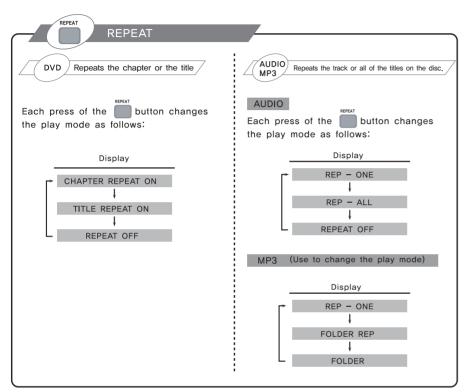


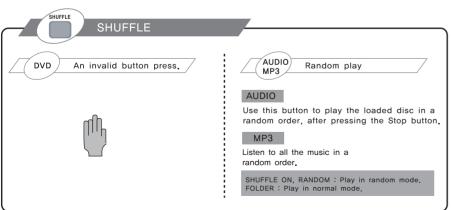




REPEAT A-B

Press this button to repeat the selected segment. The selected segment will be repeated automatically until cancelled (not available with MP3).



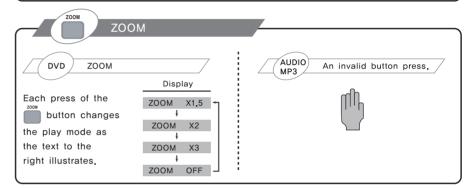


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PBC

You can turn the PBC (Play Back Control) function on or off by pressing this button. When PBC is loaded, the PBC function is enabled automatically. This function is similar as selection of DVD title, (not available with MP3)





GOTO

This function is used to go to the track or chapter of the disc you want.

TITLE / CHAPTER / PLAY TIME

T

Current Title / Entire title
TITLE 00/00 CHAPTER 000/000

CHAPTER

Press the GOTO button to go to the desired chapter.

Press the proper number button to indicate the track or chapter you want. Press the ENTER button and the disc will be played in the desired order.

(When the number of a track or chapter is over 9, first push the [+10] button, then push the relevant number button.)

TITLE 00/00 CHAPTER 008/033

Current Chapter / Entire Chapter

PLAY TIME

Press the GOTO button to go to the desired time. Press the proper number button to indicate the time you want. Press the ENTER button and the disc will be played in the desired order.

TITLE

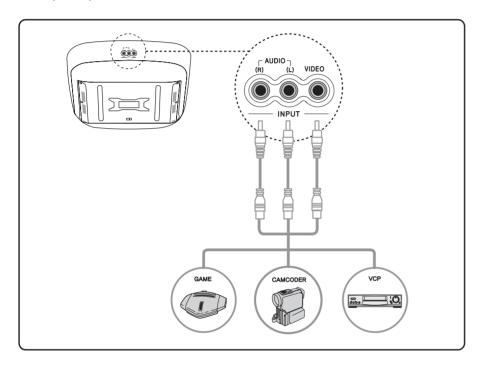
Press the GOTO button to go to the desired title. Select the title you want using the ◀ arrow button. Press the proper number button to go to the desired title you want and press the ENTER button. The disc will be played in the desired order.

TITLE 01/06 CHAPTER 008/033

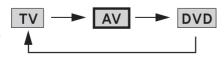
Connecting external devices

You can connect several external devices, as shown in the diagram below.

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



- 2. Turn on the power to the monitor and other devices.
- 3. Press the MODE button on the remote control or the unit to achieve the desired AV Mode Whenever you press the MODE button, you will select either the DVD mode or the TV mode.



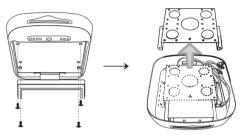
4. Play an external device.

Installation (Professional installation recommended)

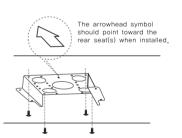
1. Unpack and check the contents.



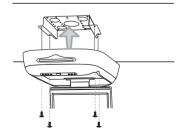
2. Disassemble the metal support bracket from the unit as shown in the illustration, by unscrewing the four screws on the unit body.



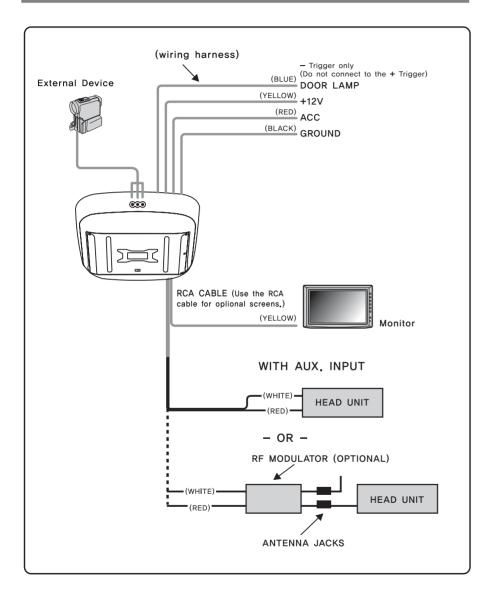
3. Tighten the metal support bracket to the ceiling support beam(s). using the supplied screws. Take extra care to not penetrate the roof of your car. The arrowhead symbol on the support bracket should point toward the rear seat(s) when installed.



- 4. Connect the wiring harness, according to the diagram under "Connection Diagram" on page 30, to the wires located in the dome light of your vehicle.
- 5. Flip the monitor screen down and tighten the monitor to the support bracket, using the supplied screws,



Connection Diagram



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Disc Information

DVD features

DVD discs provide high-resolution images with high-quality sound and surround sound effects. This DVD player can play not only DVD discs of various versions, but also S-VCD, VDC, audio CD and MP3 discs.

Each disc plays only the information saved on it, and some functions cannot be utilized.

Discs that cannot be played

DVD-RW, DVD-REM, CD-ROM, CD-EXTRA discs cannot be played on this unit. Also, a CD or a CD-RW which was recorded on special software cannot be played.

Region code

Your DVD player is designed and manufactured to region management information that is recorded on a DVD disc. The region number of this DVD Player is 1. This DVD player plays free code also.

Copyright 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 the Macrovision Corporation.

How to handle the disc

Don't touch the shiny side of the disc (the side with the embedded information). Don't stick a label or a glue-based note on either side of the disc. Don't use discs that have glue or a damaged gluey label-it might result in damage to your DVD player. Don't put discs in the sunshine. Park your car in the shade.





Caution

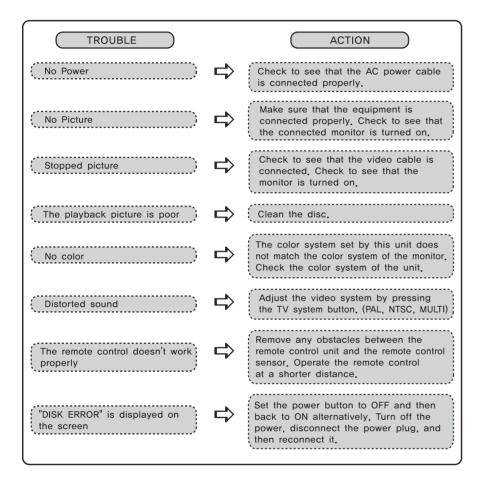
Wipe softly with a wet cloth and then with a dry one,

Before playback, wipe the disc outward from the center with a clean cloth. Do not use any type of solvent such as thinner, benzene, commercially—available cleaners or antistatic spray.

To avoid damaging your DVD player, don't use a scratched disc.



Troubleshooting



Check point

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

- 1. Remove the disc from the DVD player,
- 2. Turn on the power and leave it on for an hour to vaporize the condensation.
- 3. You can operate the DVD player without any problems.

Specifications

Power	DC 12V
Current Consumption	32W Max
Screen Format	16:9
Resolution	1600 X 320
Brightness	220 cd/m²
Video System	NTSC / PAL
A/V Input	1 EA
A/V Output	1 EA
IR Transmitter	Yes
Dome Light	CCFL Type
Remote Control	Yes
Dimensions	(W)11.8" X (D)12.5" X (H)3.1 inches

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.