### VCM-85D VCM-10D

# 「「「「」- 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:



CAUTION

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.







Quality installations are best performed by gualified and



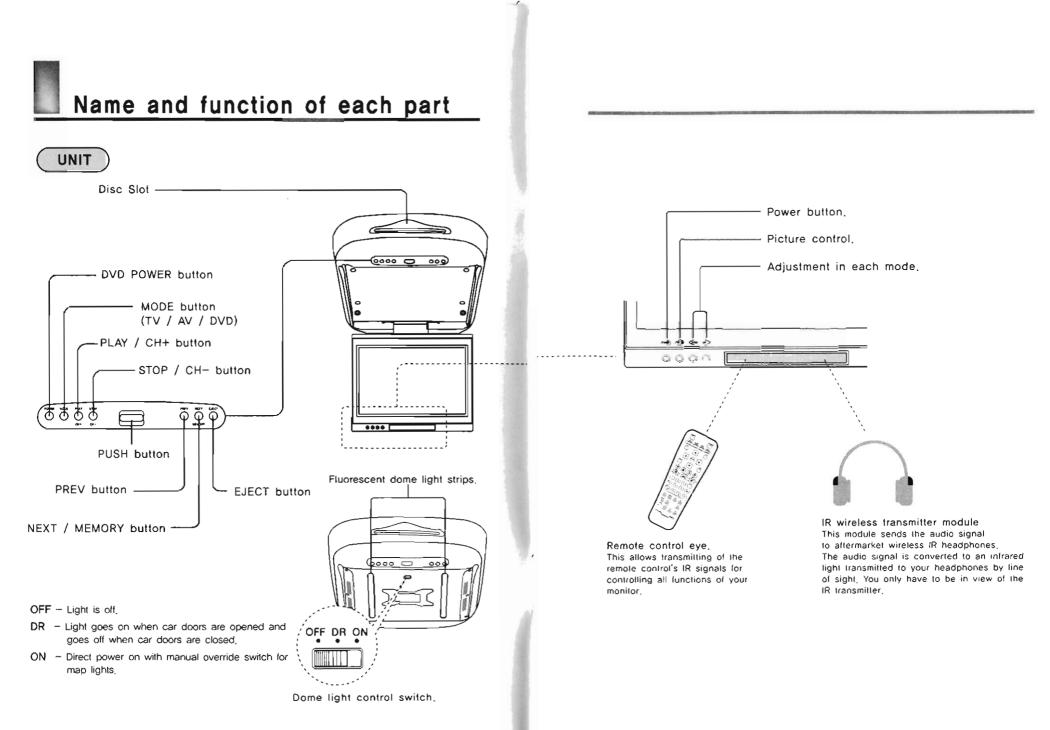
Watching the monitor for an extended period of time without the engine running may deplete the vehicle's battery charge.



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  $-4^{\circ}F \sim \pm 176^{\circ}F$ . 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 gualified 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.

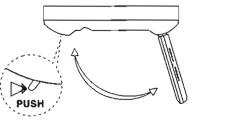


#### **Remote Controller** EJECT button POWER button OPEN/CLOSE the disc tray, Turns the DVD Player on or off. TITLE button STEP button Use to display the title Plays one frame at a time. menu of the loaded DVD disc. ZOOM button Zoom in on picture (1.5X to 3X) ARROW button Use to move to the desired menu MODE button $\square$ Changes each Play mode. ENTER button -\_i SETUP button DISPLAY button . ැමා මී මී මේ මේ Use to set various functions Shows information of according to your individual preference. elapsed or remaining (Auto memory it your DVD Player lime of a chapter or a is TV mode) utle. 🕶 MENU button FR button Shows the menus, ( TAT) Use to play reverse silently. 1 a o o MUTE button Use to cut the sound on or off. STOP button Slops disc play, ----őőőő SLOW button F Use to play slow GOTO button silently Use to search a litle or a chapter of your DVD disc. FF button **F** Use to play forward NUMERIC button silently. Use when making a selection on the menu screen, PREVIOUS button Use to move to the previous chapter of track A-B button SUB-T button Prpeats the selected PLAY/PAUSE button Changes the subtitle $\mathbf{\tilde{D}}$ segment, Begins/pauses disc play language to another (Audio or Video) (available) language NEXT button VOL UP button SHUFFLE button **(H)** Use to move to the next Increases the volume, Plays the disc in random Chapter or track, order VOL DOWN button Decreases the volume, MONITOR CONTROL PBC (Play Back Control) button POWER button When you play a VCD 2,0 disc Turns on the Monitor the root menu screen will be displayed on the monitor. PICTURE button Use to adjust the picture REPEAT bullon settings. Repeats part or all of a ADJ button chapter, title or track, or an entire disc. -Auto Picture control. (These functions are valid for only

### 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.

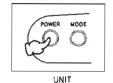




% The monitor will automatically turn off when it is closed to the ceiling mount. When the monitor is opened again, it will automatically be turned on.

#### POWER and MODE select

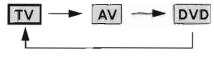
 Press the POWER button on either the remote control or the unit once to turn the power on.
 Press the same POWER button to turn your power off.





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.



some products,)

#### 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.
- 2. 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.



 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
Ô,	CONTRAST
12	BRIGHT
ġ.	COLOR
1	TINT
0	SCREEN
êŋ .	FM TX
	SYSTEM
B.	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.

	PICTURE
Ű	CONTRAST
KE.	BRIGHT
9	COLOR
1	TINT
ö	SCREEN
t. ú	FM TX
0	SYSTEM
5.	RESET

#### Screen mode control

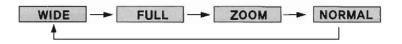
(Adjust the screen mode to your taste.)

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



- 2. 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.
- 3. 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.







The screen will be magnified to the ratio of 4:3 on the left and right sides.



The screeen will be magnified on the left and right sides of the picture to the ratio of 4:3. The left and right sides of the picture are dispalyed, as well,



Magnilies the picture in full screen,



The screen will be the standard 4:3 ratio,

### **Extra functions**

#### EFM transmitter control function

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

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



CONTRAST

BRIGHT

SCREEN

SYSTEM

FM TX \$1.13

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- 2, Select FM TX by pressing the arrow (UP/DOWN) buttons to move the cyan-colored cursor window up or down.
- 3. Press the arrow (UP/DOWN) buttons to select a setting between 88.3, 88.5, 88.7, 88.9, and 90,1MHz.



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





#### Operating system function control

- 1. Press the (PICTURE) button to bring up the on-screen picture control menu.
- CONTRAST 0 XX BRIGHT 040 TINT SCREEN (11) FM TX ġp SYSTEM RESET
- 2. Select the (SYSTEM) menu by pressing the arrow (UP/DOWN) buttons to move the cyan-colored cursor window up or down.
- 3. Select (NTSC) or (PAL) with the arrow (up/down) buttons on the remote control or the ADJA or ADJV buttons on the unit to achieve the desired setting (NTSC) or (PAL).

NTSC	<b>←</b> →	PAL
------	------------	-----

# Factory reset control function

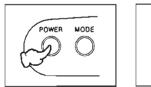
- 1. Press the (PICTURE) button to bring up the on-screen picture control menu.
- 2. Move to the (RESET) menu by pressing the arrow (UP/DOWN) buttons to move the cyan-colored cursor window up or down.



3. Select (RESET) to achieve the desired factory default setting.

#### Playing your DVD player

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

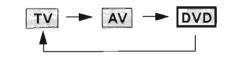




REMOTE CONTROLLER

POWER

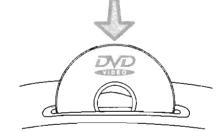
2. Press the MODE button on the remote control or the unit to select the desired DVD Mode.



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.



(0000	000



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SYSTEM RESET .87

14

### SETUP MENU-MAIN PAGE

#### Μ 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.

SETUP MENU - MAIN PAGE	
GENERAL SETUP	
SPEAKER SETUP	
AUDIO SETUP	
PREFERENCES	
EXIT SETUP	

#### GENERAL SETUP

#### SCREEN DISPLAY

You can select a screen display aspect ratio:

FUNCTION		"SETUP"
	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
LILL THE	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

"SETUP"

ON, OFF

#### SCR SAVER

#### FUNCTION

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,

#### 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

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

#### τν τγρε

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	ENGLISH, FRENCH,
(If the disc you are playing has that language	SPANISH, CHINESE,
available)	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

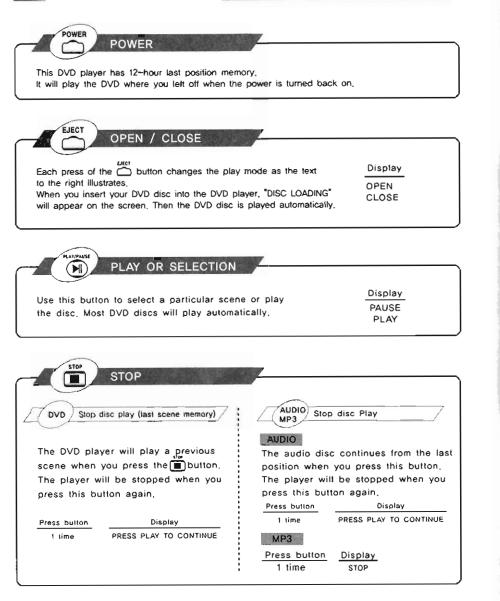
#### PASSWORD

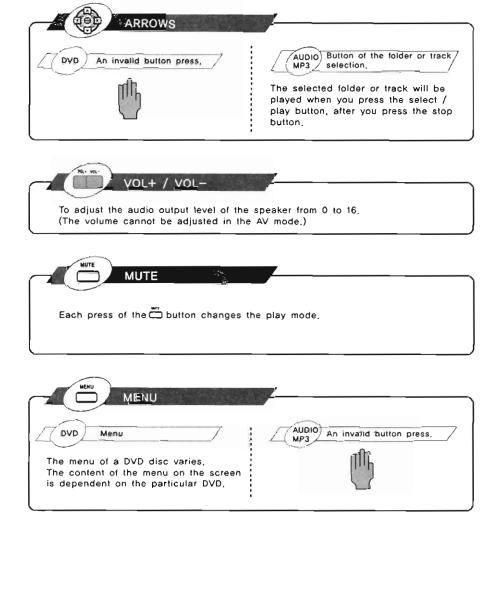
FUNCTION	"SETUP"
Use this menu option to change the saved password to a new one, If you want to change the password, select the factory – set password and enter the numbers you want,	CHANGE → OLD PASSWORD NEW PASSWORD CONFIRM PWD

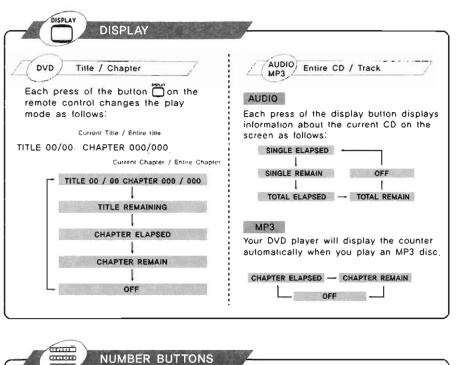
#### DEFAULTS

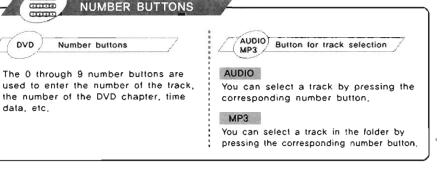
FUNCTION	:	"SETUP"
Use this option to reset all options to the factory defaults,		RESET

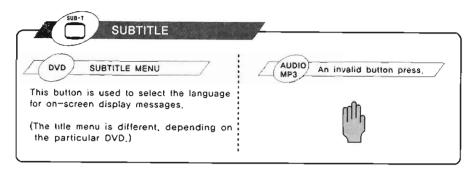


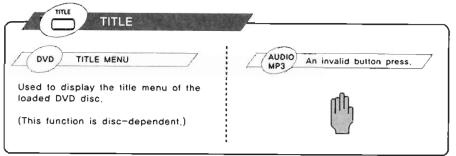


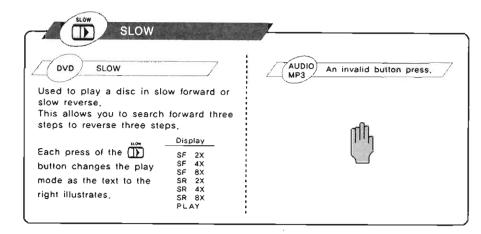


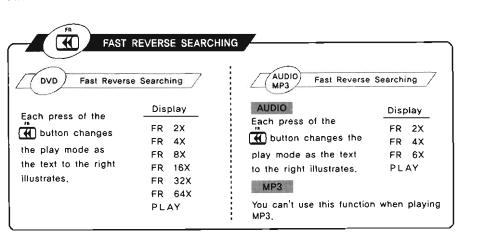


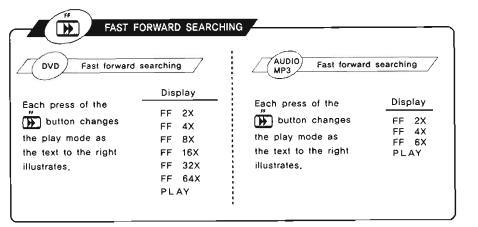


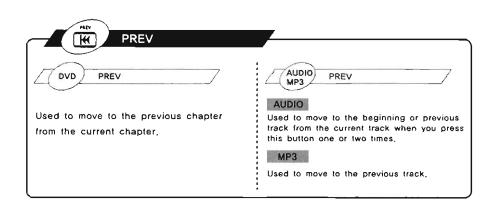


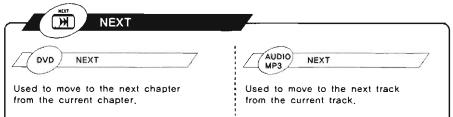


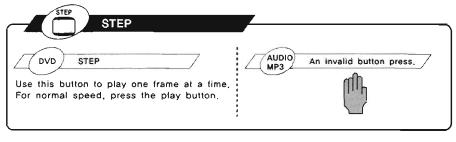




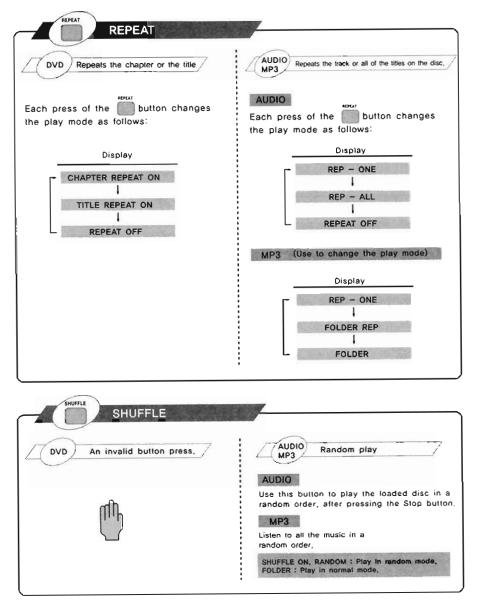




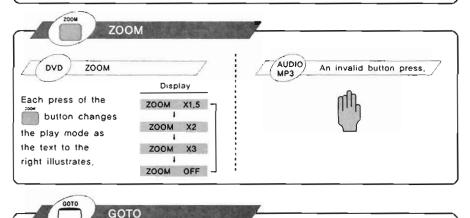








PBC You can turn the PBC (Play Back Control) function on or off by pressing this button. When PBC is loaded, the PBC function is enabled automatically. This function is similar as selection of DVD title, (not available with MP3)



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

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

Current Chapter / Entire Chapter

Press the GOTO button to go to the desired chapter, Press the proper number button to indicate the track TITLE 00/00 CHAPTER 008/033 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.)

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

CHAPTER

PLAY TIME

Press the GOTO button to go to the desired title. Select the little you want using the 4 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.

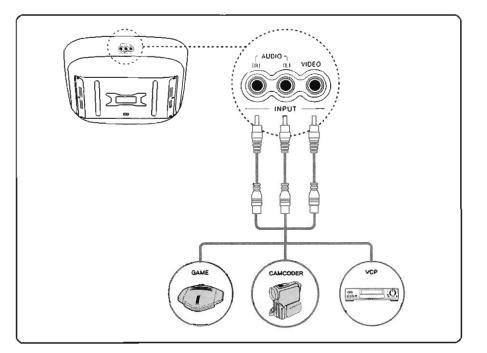
TITLE 01/10 TIME\_\_:\_: 00:23:14

TITLE 01/06 CHAPTER 008/033

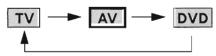
### **Connecting external devices**

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



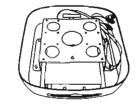
- 2, Turn on the power to the monitor and other devices.
- Press the MODE button on the remote control or the unit to achieve the desired AV Mode.
   Whenever you press the MODE button, you will select either the DVD mode or the TV mode.



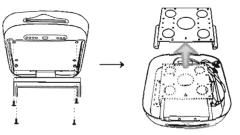
4. Play an external device.

### Installation (Professional installation recommended)

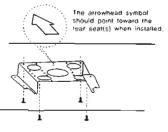
1. Unpack and check the contents.



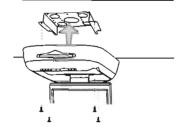
 Disassemble the metal support bracket from the unit as shown in the illustration, by unscrewing the four screws on the unit body.



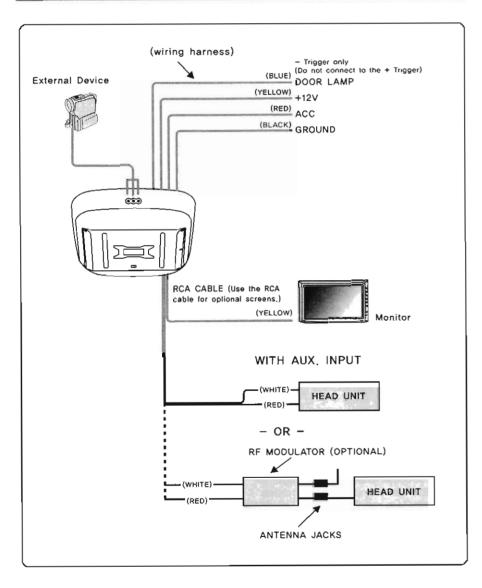
3. Tighten the metal support bracket to the ceiling support beam(s), using the supplied screws. Take extra care to not penetrate the roof of your car. The arrowhead symbol on the support bracket should point toward the rear seat(s) when installed.



- 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,
- Flip the monitor screen down and tighten the monitor to the support bracket, using the supplied screws.



## **Connection Diagram**



### **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

TROUBLE		ACTION
No Power	╘	Check to see that the DC power cable is connected properly,
No Picture	₽	Make sure that the equipment is connected properly. Check to see that the connected monitor is turned on,
Stopped picture	⊳	Check to see that the video cable is connected. Check to see that the monitor is turned on.
The playback picture is poor	⊳	Clean the disc.
No color	⊳	The color system set by this unit does not match the color system of the monitor, Check the color system of the unit,
Distorted sound	₽	Adjust the video system by pressing the TV system button. (PAL, NTSC, MULTI)
The remote control doesn't work properly	虏	Remove any obstacles between the remote control unit and the remote control sensor. Operate the remote control at a shorter distance,
"DISK ERROR" is displayed 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 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.

### SOUNDSTREAM