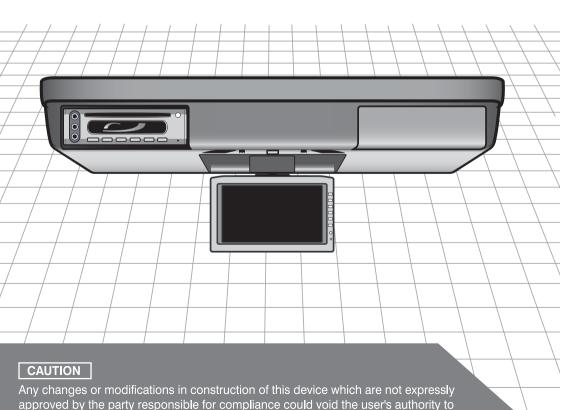
OWNER'S MANUAL

Overhead Combo 7" TFT-LCD Monitor / DVD / TV Tuner



operate the equipment.

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13~14 14
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19

- NEXT 2 - STEP 2 - SHUFFLE 2 - Repeat A-B 2 - PBC-OFF 2 - REPEAT 2 - ZOOM 2 - GOTO 2	0 0 0 0 1 1
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SAFETY PRECAUTIONS



CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN





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



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.

WARNNING

- To reduce the risk of fire of electric shock, do not expose this appliance to rain or moisture. Dangerous high voltages are present inside the enclosure. Do not open the cabinet.
- Not for use where video monitor is visible to driver to avoid risk of serious injury or possible violation of state laws.

CAUTION

■ To prevent electric shock, match wide blade plug to wide slot, fully insert. The unit employs a laser system, to ensure the proper use of the unit, read this manual carefully and keep it for future reference. If the unit requires servicing, contact the seller of our service center – see "trouble shooting". To prevent direct exposure to the laser radiation, do not open the cabinet. Invisible laser radiation when the cabinet is opened or the interlocks are defeated. Do not stare into the laser beams.

Use of any controls, adjustments, or procedures other than those specified herein may result in hazardous radiation exposure.

IMPORTANT SAFETY INSTRUCTIONS



Read instructions

All the safety and operating instructions should be read before the product is operated.

Retain instructions

The safety and operating instructions should be retained for future reference.

Heed Warnings

All warnings on the product and in the operating instructions should be adhered to.

Follow instructions

All operating and use instructions should be followed.

Cleaning

unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning

Attachments

Do not use attachments not recommended by the product manufacturer as they cause hazards.

Water and moisture

Do not use this product near water.

Accessories

Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

Power sources

This product should be operated only from the type of power source indicated on the rear panel. If you are not sure of the type of power supply to your home, consult your product dealer of local power company.

Grounding or Polarization

This product may be equipped with a polarized alternating-current line plug(a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

Power

Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them.

Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer of have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

Heat

The product should be situated away from heat sources such as radiators, heat registers, stoves or other products(including amplifiers)that produce heat.

Features and Caution

5

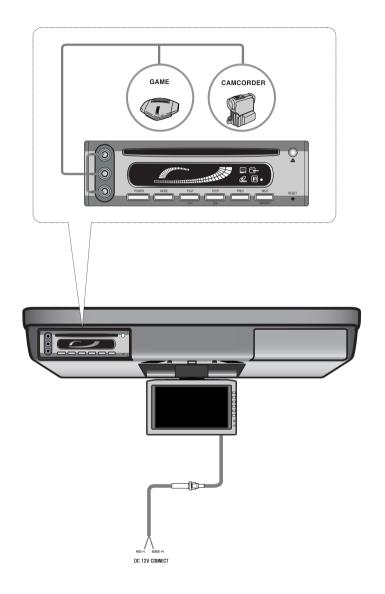
- Low Reflection High Resolution 7" TFT-LCD Wide Monitor
- 7" Wide Screen with 4 Screen Mode Universal Swivel Flip Down Built-in FM Transmitter
- 1 Remote Control for All Functions Trimmable Ceiling Mount Shroud to Fit All Vehicle Specific Sizes Audio / Video / Input jacks
- Resolution: 1440(W) X 234(H)Pixel
 DVD Movie Holder
 GM Air-condition Control Housing Included
 Color System: NTSC or PAL
 - Anti-Shock and Anti-Moisture Mechanism
 OSD (On Screen Display)
 OVD Play / S VCD / MP3 / Audio CD
 OSD Language / Subtitle / Audio Output
 OVD System NTSC / PAL / MULTI
 - Built-in TV Tuner



Preparations before operation

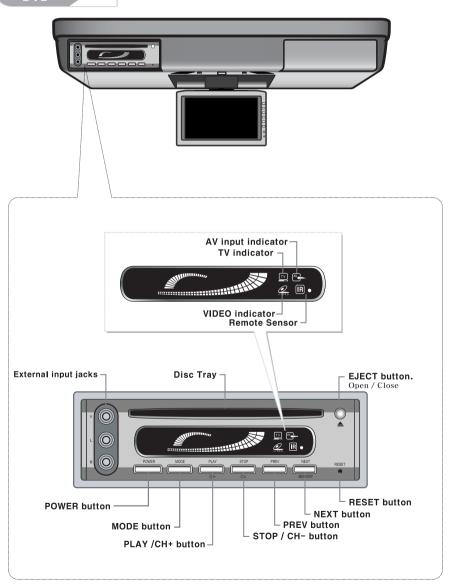
- 1. Do not open covers and repair yourself, refer servicing to qualified personnel.
- 2. DVD Players use an invisible laser beam, which can cause hazardous radiation exposure for a long time if directed.
- Please turn off the power of the DVD Player firstly before cut the car power off, if you want to see the next scene of the DVD title
- (Of coures, you can see the next scene of the DVD title in case of turn on/off the DVD Player Properly)
- Do not cut the car power supply off while a disc is played, because it can cause damage in the DVD Player.
- (Be sure to turn off the DVD Player, and then cut the car power supply off.

Caution: Please refer servicing to qualified service person only to connect power with battery directly instead of connecting power by cigarette lighter socket of a car.



Names of each parts

DVD







1. Lamp. Room light.

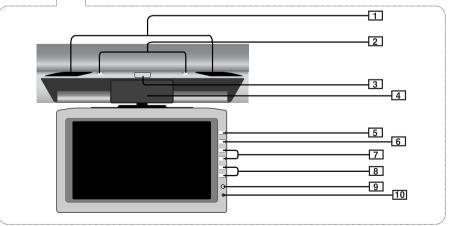
2. Lamp On/Off button.

Press "On/Off" button to on the lamp. press "On/Off" button one more time to off the lamp.

- 3. PUSH button.
- 4. IR Wireless headphone transmitter.

As installed an audio signal into the divice. The IR transmitter radiates infrared ray which was transformed from the audio signal on the wireless headphone. The user is possible to listen by the wireless headphone.

- 5. Monitor Power button.
- 6. MENU button. Picture, Function Selection.
- 7. SEL UP / DOWN button. Selection in each mode.
- 8. ADJ UP / DOWN button. Adjustment in each mode.
- 9. Remote sensor.
- 10. LED lamp.



Names of each parts

Remote Controller

EJECT button.(P16)-

TITLE button. (P18) -Use to display the title menu of

the loaded DVD disc. ARROW button. (P15) Use to move to the desired menu.

DISPLAY button (P17)

Shows information of elapsed or

FR button.(P19)

STOP button. (P16)
Stops disc play.

FF button.(P19)

Use to play reverse silently.

SLOW button.(P18)

Use to play slow silently.

Use to play forward silently.

Opens / Closes the disc tray.

ENTER button. Use to select the menu item.

remaining time of a chapter or a title.

POWER button (P16)

Turns on or off the DVD Player.

STEP button. (P20)

Plays one frame one time.

Button Lamp.

TV/AV/DVD button.(P23) Changes each Play mode.

SET UP button.(P10) Use to set various functions according to individual preference.

(Auto Memory :If your DVD Player is TV mode)

MENU button (P15) Shows the menus of the disc under play.

MUTE button.(P15)

Use to cut on / off the sound.

GO TO button.(P22)

Use to search a title / a chapter of your DVD

NUMERIC button. (P17)

Use when making a selection on menu screen.

ZOOM button (P21)

VOL UP button.(P15) Increases the volume.

VOL DOWN button.

Decreases the volume.

Zoom in on picture.

PREVIOUS button.(P19)
Use to move to the previous

chapter of track.

Begins / pauses disc play. * PLAY/PAUSE button. (P15)

NEXT button.(P20) Use to move to the next

chapter or track.

POWER button. Turns on the Monitor.

PICTURE button.(P24) Use to adjust what you want color.

APC button. (P24) Auto Picture control.

These functions are valid for only some products.

SUB-T button (P18)

** STOP SLOW "

1 2 3 3

4 5 6 +10

7 8 9 0

Changes the subtitle language to another available.

SHUFFLE button.(P20)

Plays the disc in random order.

PBC-OFF button.(P20) Shorts for playback control. (When you play a VCD2.0 disc, the root menu screen will be displayed on the monitor)

NTSC/PAL button.(P17) Use to select a TV system mode.

REPEAT button (P21) Repeats part or all or a chapter, title, track, or an entire disc.

A-B button.(P20)

Repeats the selected segment.(Audio or Video)





An invalid button press.

When \mathbb{O} appears on screen, it indicates an invalid button press.

DVD Seutp

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.

SETUP MENU - - MAIN PAGE

GENERAL SETUP

SPEAKER SETUP

AUDIO SETUP

PREFERENCES

EXIT SETUP

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

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 / LB 4:3 LETTERBO

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



WIDE 16:9 WIDE SCREEN

Choose this setting if your DVD Player is connected to a wide screen TV.

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

Setup

NORMAL / PS

NORMAL / LB

WIDE

ANGLE MARK

Function

Select this function ON you can see the movie a numaber of different angles.

(This feature does not work if a DVD has not been recorded with multiple camera angles.)

Setup

ON OFF

OSD LANG

Function `

Use this option to set the on-screen display language(OSD)

Setup

ENGLISH

CAPTIONS

Function `

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

Setup

ON. OFF

SCR SAVER

Function

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 for about two minutes. ;

Setup

ON, OFF

SETUP Function

PREFERENCES

SPEAKER SETUP

DOWNMIX

Function

Use this function to choose setting to play with several audio channel.

Setup

LT / RT **STEREO**

AUDIO SETUP

AUDIO OUT

Function

Use this option to set the type of the audio output jack of your TV or Audio system, and the SPDIF function will be operated if connect with AC3 Decode Amplifier

Setup

ANALOG SPDIF / RAW SPDIF / PCM

OP MODE

Function

Use to select the Line out / RF mode of the audio.

Setup

LINE OUT RF REMOD

DUAL MONO

Function `

Use to select audio mode.

Setup

STEREO / L-MONO / R-MONO / MIX-MONO

DYNAMIC

Function

Setup

Please Use this function as initial setting position(OFF),

OFF TO FULL

TV TYPE Function Setup MULTI / NTSC / PAL Choose a proper setting according to the color system: of the TV type MULTI SYSTEM, NTSC, PAL. **AUDIO** Function Setup ENGLISH, FRENCH. Use this function to select the soundtrack language SPANISH, CHINESE. (This option is available only when the disc is recorded) **JAPANESE** SUBTITLE Function Setup ENGLISH, FRENCH, SPANISH, Use to select the subtitle language on the CHINESE, JAPANESE, OFF screen. DISC MENU Function Setup Use the disc menu option to select the menu language on ! ENGLISH, FRENCH, the screen. SPANISH, CHINESE (If the disc you are playing has that language available) JAPANESE **PARENTAL**

Function

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)

Setup

1 G 2 3 PG 4 PG - 13 6 PG - R 7 NC - 17 8 ADULT NO _ PARENTAL 14 DVD Mode

PREFERENCES

PASSWORD

Function

Use this menu option to change the saved password to a new one.

If you want to change the passward, then press the factory set password 0000 and press you want No.

Setup

CHANGE

DEFAULTS

Function

Use this option to reset all options to the factory defaults.

Setup

RESET

SMART MAVI

Function

This SMART NAV feature shows the information about the MP3 disc under play.

Setup

User's setup.



VOL+ VOL-

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

PLAY/PAUSE PLAY/PAUSE

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



Mute

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



(ADD/DEL) 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.







DVD

Video setup

Use to move to the desired menu and use to select the menu by pressing select/play button.



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

15

POWER (Turns the power on/off)

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

EJECT

Open / Close (Opens or closes the disc tray)

If $\overline{\text{DVD}}$ Player Working, you should press stop button firstly, and press Open button.

,.....

.....

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

OPEN CLOSE

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.

PLAY/PAUSE

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 antomatically.



STOP

DVD Stop disc Play

Press button
1 time

Display

Press play to continue

DVD player play previous scene when you press the (\mathbb{H}) button.

The player will be stopped when you press this button again.

A/M Sto

Stop disc Play

AUDIO

Press button
1 time

Display
Press play to continue

DVD player play previons scene when you press the 🕦 button.

The player will be stopped when you press this button again.

MP3

Press button 1 time

Display STOP

DISPLAY DVD Title / Chapter Entire CD / state of track Each press of the button on the remote AUDIO controller changes the play mode as follows. Each press of the display button display the information of the current Current Title / Entire title CD title on the screen as follows. TITLE 00/00 CHAPTER 00/00 SINGLE ELAPSED Current Chapter / Entire Chapter SINGLE REMAIN TITLE 00 / 00 CHAPTER 00 /00 TITLE REMAING TOTAL ELAPSED → TOTAL REMAIN CHAPTER ELAPSED Your DVD player will be displayed the counter automatically when you play the CHAPTER REMAIN MP3 disc. CHAPTER ELAPSED → CHAPTER REMAIN OFF



DVD Number buttons

DVD Mode

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



Button of track selection

AUDIO

You can select a track by pressing Number button.

MP3: Button of track selection

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



 $\begin{array}{c|c} \mathsf{MULTI} & \longrightarrow & \mathsf{NTSC} & \longrightarrow & \mathsf{PAL} \\ \uparrow & & & \mathsf{J} \end{array}$

D Mode



SUBTITLE

DVD SUBTITLE MENU

This item is to select the language for onscreen display messages that will be displayed on the TV screen(The title menu is different depends on your DVD disc)







DVD TITLE MENU

Use to display the title menu of the loaded DVD disk.
(This Function is disc dependent)







DVD SLOW

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

_	Display
Each press of the button changes the play mode as shown side states.	SF 2X SF 4X SF 8X SR 2X SR 4X SR 8X PLAY

A/M 🖞 An invalid button press.



DVD Mode $\frac{1}{2}$

FR F

Display

PLAY

Fast reverse searching

DVD Fast Reverse Searching

Each press of the	FR	2X
button changes	FR	4X
_	FR	8X
he play mode as		16X
hown side states.		32X
	FR	64X



ALIDIO

Each press of the	Display
button changes	FR 2X
the play mode as	FR 4X FR 6X
shown side states.	PLAY

MP3

You can't use this function when playing MP3.

Fast forward searching

DVD Fast forward searching

	Display
Each press of the	FF 2X
b button changes	FF 4X
the play mode as	FF 8X
	FF 16X
shown side states.	FF 32X
	FF 64X
	PLAY

A/M Fast forward searching

AUDIO

Each press of the	Display
button changes	FF 2X
the play mode as	FF 4X FF 6X
shown side states.	PLAY
MP3	
Each press of the	Display
button changes	FF 2X
the play mode as	FF 4X
the play mode as	FF 6X



PREV

DVD PREV

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

A/M PREV

shown side states.

AUDIO

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

PLAY

MP3

Used to move to the previous track.



DVD NEXT

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

A/M NEXT

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

STEP

DVD STEP

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



SHUFFLE

DVD An invalid button press.



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 normar mode.



Repeat A-B

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



PBC-OFF

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)

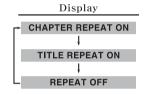


DVD Mode

REPEAT



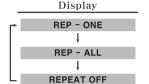
Each press of the button changes the play mode as follows.



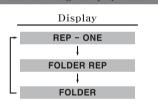
A/M Repeats the track or all the title on the disc.

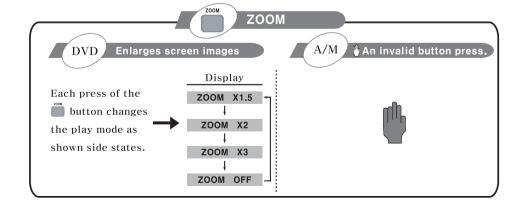
ALIDIO

Each press of the button changes the play mode as follows.



MP3 (Use to change the play mode)







VD Mode



GOTO

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

> The Current title/ Entire title TITLE 00/00 CHAPTER 000/000

The Current Chapter/ Entire Chapter

CHAPTER

Please press the ____ 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 buttons.)

PLAY TIME

Please press the 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.

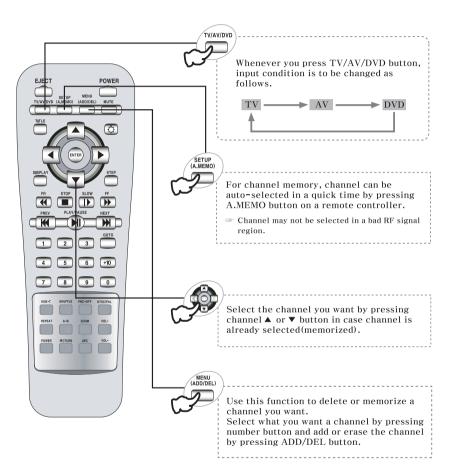
TITLE 01/10 TIME__:_:_: 00:23:14

TITLE

Please press to 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

How to Watch TV



APC

Auto picture control

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







Manual picture control

CONTRAST / BRIGHT / COLOR / TINT selection.





1. Make picture displayed by pressing PIC button.





2. Select you want the menu item by each pressing PIC button.

	PICTURE	
•	CONTRAST	
×	BRIGHT	
0	COLOR	
кżи	TINT	
ŭ	SCREEN	
一	SYSTEM	
(0:4)	FM TX	
, □,	RESET	



3. Adjust the picture condition you want by pressing adjust button ▶ or ◀ button.

	PICTURE
0	CONTRAST
×	BRIGHT
•	COLOR
rš2	TINT
ŏ	SCREEN
ď	SYSTEM
0:0	FM TX
,G	RESET

Picture control



SCREEN mode control

Adjust screen mode as your taste.





1. Make Picture menu displayed by pressing PIC button.



2. Select the SCREEN item as cyan colored each pressing PIC button.



FULL



3. Adjust the SCREEN mode you want by pressing adjust button ▶ or ◀ button.



The screen will be displayed as follows in each mode.



The ratio of the left and right picture 4 to 3.



The picture will be magnified to the ratio of 4 to 3 on the left and right side each.



Magnify the picture in full screen



Magnify the left and right side of picture to the ratio of 4 to 3 and make the left and right side of picture displayed will.

Ststem choose function



SYSTEM function





1. Make picture displayed by pressing Pic button.



2. Select the SYSTEM item an cyan colored each pressing PIC button.

	PICTURE
0	CONTRAST
Θ iời	COLOR
ä	SCREEN SYSTEM
, 19, 19,	FM TX RESET
4	IILOLI



3. Press adjust button ▶ or ◀ and then choose NTSC or PAL mode.



	PICTURE	
•	CONTRAST	
×	BRIGHT	
•	COLOR	
152	TINT	
ď	SCREEN	
Ě	SYSTEM	
0:0	FM TX	
, □,	RESET	
NTSC		

Listening to TV sound through FM Radio $\frac{27}{2}$



Listening to TV sound through FM Radil



1. Select Radio frequency betweenFM 88.3MHz ~ 90.2MHz.







2. Make "Function" menu displayed by pressing PIC button.



3. Select the FM TX item as cyan colored each pressing PIC button.



- 4. Select to frequency shown in number 1by pressing adjust button ▶ or ◀ button.
- 5. In "Off" fcondition, the sound only can be heard form TV set.

	PICTURE	
•	CONTRAST	
×	BRIGHT	
•	COLOR	
кžı	TINT	
ď	SCREEN	
_	SYSTEM	
0:0	FM TX	
Ġ,	RESET	
	88 3MHz	

*It can not be heard any sound from FM Radio under Mute or volume 00 condition.

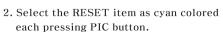
Reset picture control



Reset picture control.



1. Make Picture displayed by pressing PIC button.







PICTURE

3. Press adjust ▶ or ◀ and then replace with the factory default values.





DVD features

It provides this multi-media disc player high-resolution image with high-quality sound and surround sound effect. The 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 connot 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 owners. 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 disk

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 under the sunshine. And park your car under the shade.





Caution.

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

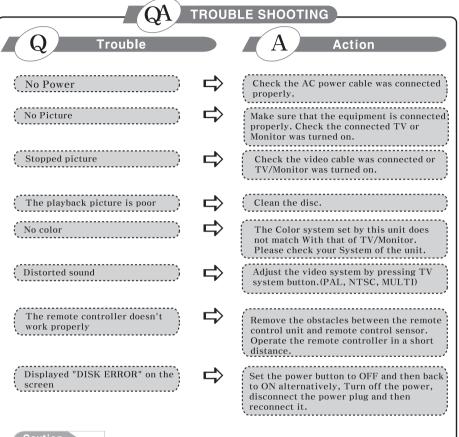
Before playback, wipe the disc outwards from the center with clean cloth.

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 29



Caution

When a disk is brought from a cold environment to a hot one, there could 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 operate it for an hour, vaporize the condensation with the home-grown heat.
- 3. You can use your DVD Player without any problems.



DVD Specifications					
Video System		MULTI / NTSC / PAL			
Inputs		Video/Audio(L,R): 1EA			
Output / Load	Video	1Vpp / 75Ω			
	Audio	500mV rms / 10K Ω			
Power		DC 12V			
Channel		VHF: 2~13, UHF: 14~69			
Antenna		External Antenna (Impedance 75ohm)			
Broadcast Mode		NTSC			
Current Consumption		MAX 24W			
Operating Temperature		0~40° C			
Screen Format		16:9 Digital Wide			
Resolution Pixel		1440 X 234			
Brightness Factor		250 cd/m²			
IR Transmitter		Yes			
Dome Light		Yes			
Dimensions		(W)615 X (H)228 X (D)71.5mm			

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.

