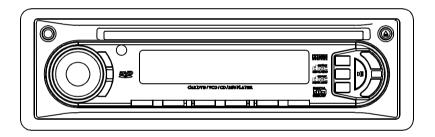
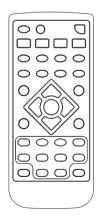


OWNER's MANUAL Mobile Video System





DVD/VCD/CD/MP3 PLAYER WITH MANUALLY TUNED SYNTHESIZER STEREO RADIO

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CAUTION:

THIS DVD PLAYER IS A CLASS I LASER PRODUCT. HOWEVER THIS DVD PLAYER USES A VISIBLE/INVISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE **DVD PLAYER CORRECTLY AS** INSTRUCTED. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERSAND - DO NOT REPAIR YOURSELF. REFER SERVICING

REPAIR YOURSELF. REFER SERVICIN TO QUALIFIED PERSONNEL. WARNING:

- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.
- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, AND ANNOYING INTERFERENCE, USE ONLY THE RECOMMENDED ACCESSORIES.
- THIS DEVICE IS INTENDED FOR CONTINUOUS OPERATION.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited. Region Management Information Region Management Information: This DVD Player is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number of this DVD Player, this DVD Player cannot play this disc.

DISC NOTES

Disc formats supported by this player



n

DVD 12 cm disc (Single-sided disc only)

- Video CD
- 12 cm disc
- CD
- 12 cm disc
- MP3 MP3
 - 12 cm disc

Discs which cannot be played with this player

- DVD-ROM
- DVD-R/DVD-RAM
- CDV
- CD-G
- Handling and Cleaning
- Dirt, dust, scratches and warping disc will cause misoperation.
- Do not place stickers or make scratches on discs.
- Do not warp discs.
- A disc should always be kept in its case when not in use to prevent from damaging.
- Do not place discs in the following places:
 - 1.Direct sunlight
 - 2.Dirty, dusty and damp areas
 - 3.Near car heaters
 - 4.On the seats or dashboard

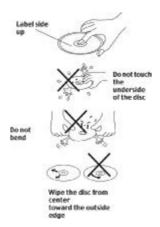
Disc Cleaning

Use a dry soft cloth to wipe the surface. If the disc is quite dirty, use a soft cloth slightly moistured with isopropyl (rubbing) alcohol. Never use solvents such as benzine, thinner or conventional record cleaners as they may mar the surface of the disc.

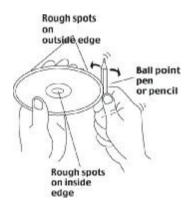
Note:

A disc may become somewhat scratched (although not enough to make it unusable) depending on your handle it and conditions in the usage environment.

Note these scratches are not an indication of any problem with the player.



Preparing New Discs with Rough Spots A new disc may have rough edges on its inside and outside edges. If a disc with rough edges is used, the proper setting will not be performed and the player will not play the disc. Therefore, remove the rough edges in advance by using a ball point pen or pencil as shown on the right. To remove the rough edges, press the side of the pen or pencil against the inside and outside edges of the disc.



INSTALLATION

Notes:

Choose the mounting location where the unit will not interfere with the normal driving function of the driver.

Before finally installing the unit, connect the wiring temporarily and make sure it is all connected up properly and the unit and the system work properly.

Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.

Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.

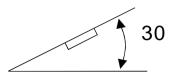
Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.

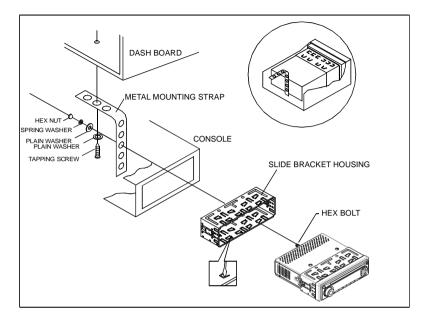
If installation angle exceeds 30 from horizontal, the unit might not give its optimum performance.

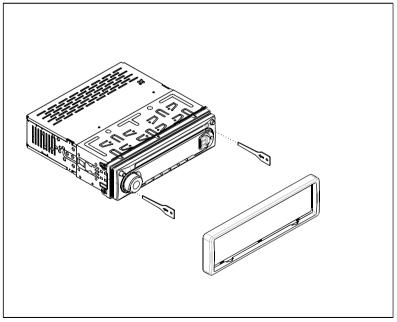
Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, from the heater, or where it would be subject to dust, dirt or excessive vibration.

DIN FRONT/REAR-MOUNT

This unit can be properly installed either from "Front" (conventional DIN Front-mount) or "Rear" (DIN Rear-mount installation, utilizing threaded screw holes at the sides of the unit chassis). For details, refer to the following illustrated installation methods.







INSTALLATION

HOW TO REMOVE AND INSTALL THE FRONT PANEL

1.Press the release button and pull-off the front panel.

Keep front panel into the case.

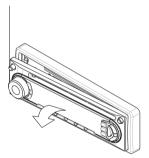
2.To install the front panel, insert the panel into the housing and make sure the panel is properly installed, otherwise, abnormalities occurs on the display or some keys will not function properly.

REMOVING THE FRONT PANEL

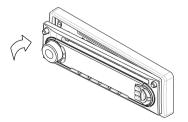
FRONT PANEL



RELEASE BUTTON

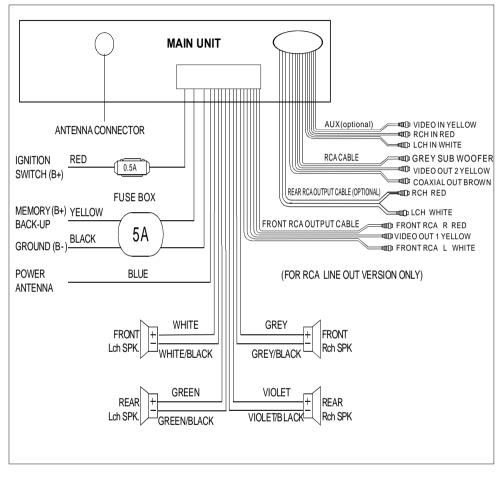


INSTALLING THE FRONT PANEL

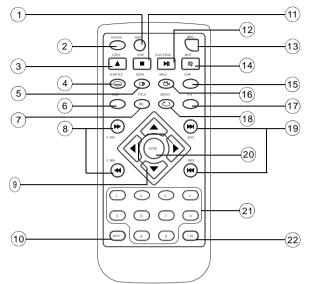


ELECTRIC CONNECTION

WIRING CONNECTION FOR 4x7W SYSTEM



REMOTE CONTROL



1. GOTO 2. DISPLAY 3. EJECT	Disc search button, cooperatively used with numeric buttons Display statistical disc information during playback Press it to eject the disc. (EJECT is enabled in DISC MODE only)
4. SUBTITLE	Changing of the SUBTITLE language on multi-subtitle language DVD disc
5. AUDIO	Changing of the AUDIO soundtrack on multi-audio soundtrack DVD disc. Changing of the sound mode of the VCD/CD disc
6. ZOOM	Press it to zoom the picture in scale x1.5,x2.0,x3.0
7. TITLE	Display the TITLE menu that is stored in DVD disc changing between PBC ON and PBC OFF on the VCD disc
8. ◀/▶	Press 🍽 to start forward rapidly & < to reverse rapidly
9.▲/ /▶/◀	Cursor buttons in MENU mode.
10.SETUP_	Display the SETUP menu
11 🔳 🔍	Press it to stop playback
12. ►I	Press once to pause a play, press again to resume playback.
13. MENU	Press MENU to display the root menu of the DVD disc.
14. MUTE	Press it to elimate the sound immediate
15.SLOW	Changing for slow forward/reverse playback motion
16.ANGLE	Changing of the view angle on multi-angle DVD disc
17.A-B	Press it to repeat between two selected sports on DVD or VCD disc
18.REPEAT	Switch the Repeat mode of DVD/VCD/CD disc
19. ◀/ 🍽	Press 🗪 to skip to the next track & press 🛏 to skip back one track
20.ENTER	Confirm the Track/Chapter selected with the number key or
	selected with the cursor buttons on TV screen
21.0-9	Numeric buttons
22. +10	Press it to select 10th digits

REMOTE CONTROL

Preparing the Remote Control

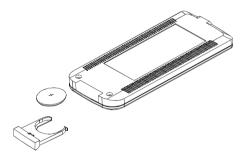
Inserting the Batteries

- 1.Open the battery compartment cover.
- 2.Insert the new batteries. Make sure that the positive and negative terminals of the batteries are oriented indicated.
- 3.Close the cover

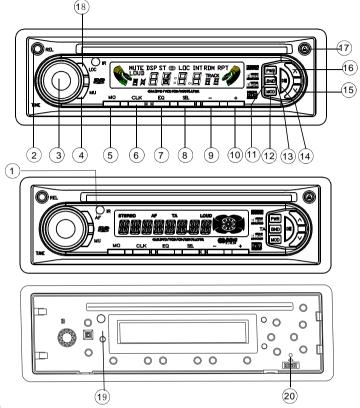
Using the Remote Control

Face the remote control towards the player front face IR mark (remote control signal receiver).

Operation angle: About <u>+</u>30 degree in each the direction of the front of the IR mark. To prevent damage to the unit, be sure to follow the connection diagram (page 8).



BASIC OPERATION



ON/OFF

Press POWER button (13) to turn on the unit. Press it again to turn off. **FACEPLATE RELEASE**

Press REL button (2) to detach the removable faceplate.

SET THE CLOCK

Press CLK button (6) to change the display to clock display. Press it again to return to previous display. In clock display, press and hold theCLK button (6) for several seconds until the clock display flashes. Press VOL - (9) to change minutes or VOL+ (10) to change hours.

SELECT MODE

Press SEL button (8) to change audio mode through volume, bass, treble, balance, and fader modes. Use VOL + (10) and VOL- (9) buttons to adjust the selected mode When mode has not been adjusted for several seconds, display returns to normal radio or CD display.

→ VOL → BAS → TRE → BAL → FAD (Volume) (Bass) (Treble) (Balance) (Fader)

Volume

Adjust volume level by using VOL+ (10) and VOL- (9) buttons.

Note: The unit is initially set to volume mode.

Bass

Press SEL button (8) one time. Adjust bass level by using VOL+(10) and VOL-(9) buttons.

Treble

Press SEL button (8) two times. Adjust treble level by using VOL+(10) and VOL -(9) buttons.

Balance

Press SEL button (8) three times. Adjust sound balance between left and right speakers by using VOL+(10) and VOL-(9) buttons.

Fader

Press SEL button (8) four times. Adjust sound balance between front and rear speakers by using VOL+(10) and VOL-(9) buttons.

MUTE

Press MU button (4) to mute down sound. Press it again to release this mode and recover previous volume level.

SELECT MODE

Press MOD button (12) to change between radio or disc mode.

EQUALIZATION

Press EQ button (7) to turn to equalization function and to select desired audio mode.

There are four kinds of mode as below:

LIQUID CRYSTAL DISPLAY

The LCD can show the current state of the unit

SKIP TRACKS

Press $\Lambda\,$ button(16) or $\,V\,$ button(15)to the previous track or the following track . Track number shows on the display.

BASIC OPERATION

FLASHING LED

If the front panel is not on the main unit, LED (19) will be flashing. RESET BUTTON FUNCTION

RESET button (20) is placed on the housing and must be activated with either a ballpoint pen or thin metal object. The RESET button is to be activated for the following reasons:

-Initial installation of the unit when all wiring is completed.

-All the function buttons do not operate.

-Error symbol on the display.

Note: If press RESET button, the unit can't work yet, please use a cotton swab soaked in isopropyl alcohol to clean the socket on the back of the front panel.

RADIO OPERATION

BAND

Press BND button (11) to change bands as below:



SELECT STATION

Rotate TUNING knob (3) clockwise or anticlockwise to adjust the frequency upward or downward.

AF

AF button (1)[ALTERNATIVE FREQUENCIES](FOR RDS ONLY)

1. By pushing short.

1) RADIO mode

changed the mode to CDP mode.

2). CĎP mode

changed the PLAY mode to PAUSE mode and vice versa.

2. By pushing long.

It is engaging whether "AF SEARCH" mode ON or OFF.

If "AF ŠEĂRČH" mode is tunred on, the 1'st AF is displayed onthe LCD. All the AF list can be shown by pressing "DISPLAY" key during "AF SEARCH ON" mode. When AF is shown, the display mode changes to the frequency if the user changes the frequency.RDS signal is NOT received during AF search mode. This mode is released after few seconds. But, this mode is NOTreleased during changing the tunned frequency to search AF.

LOCĂL/DISTANT

Press the LOC button (18) to select between local setting for reception of strong station and distant setting for reception of weak stations when tuning.

MONO/STEREO

In FM band, press MON button (5) to select mono or stereo reception for radio stations. You can sometimes improve reception of distant stations by selecting mono operation.

TΑ

TA function [TRAFFIC ANNOUNCEMENT] BUTTON(FOR RDS ONLY) When pressed short

1). RADIO mode

Depending on the installed option diode matrix,

LW/MW/FM band is toggled cyclically through the tuning bands.

-> FM -> MW -> LW (for 3 bands Europe) or

BASIC OPERATION

-> FM -> MW -> (for 2 bands Europe)

-> FM -> AM -> (for 2 bands USA)

or or

Refer to the explanation of diode matrix.

2). CDP mode

changed the mode to Radio mode.

When pressed long, it is engaging whether TA mode on or off.

When TA mode is on and a traffic announcement is transmitted:

TA(INFO) - When the unit was in CDP mode, it will switch temporarily to radio mode.

- If the volume level was under the threshold point it will be raised to the threshold point.

But the user changed the volume level which was more than the threshold point (min .TA volume level), it will be set to the last level.

When TA mode is on, TA of individual segment is turned on.

- When a TP station is received, TP of individual segment is turned on.

The current traffic announcement is canceled by pressing this key.But the TA mode will not be off.

DISC OPERATION

Most of the disc operations are controlled by the remote controller.

Ejecting a Disc

Press (EJECT) \triangleq button (17) on the front panel or ON the remote control to eject the disc. **Stopping Play**

-Brief press the \blacksquare (Stop) button to stop the unit playback, when press the \bowtie (14) button it can continuous normal playback.

-Press ■ (Stop) button twice, it will stop the playback and go back to initial Track/Chapter. Rapid Forward/Rapid Reverse

Press ► F.FWD& F.BWD during play.

Each time the button is pressed, the speed of rapid forward/reverse changes according to the disc as follow.

DVD:

VCD/CD:

Mp3:

Skipping Track

Press \bowtie / \bowtie on the remote handset or \land / \lor on the front panel during playback to skip to next track or back one track.

Note: For some VCD 2.0 dics(PBC-playback control), I and b buttons may be un available.

Slow Motion Play

Press slow button during playback.Each time the button is pressed, the slow modes are changes according to the disc as follow.

DVD:

VCD: Normal Playback \rightarrow SF 1X \rightarrow SF 2X \neg Step BWD \leftarrow SF 3X \leftarrow

Note: For VCD, in any slow mode, press ENTER button to return to normal playback.

Pause (still picture)

Pressing ►I during playback will stop play temporary. Return to normal playback, press►I once again.

Repeat

Press the REPEAT button to select repeat mode as follow.

DVD:

Press the REPEAT button to select repeat mode as follow.

CHAPTER REPEAT ON -TITLE REPEAT ON -

VCD/CD:

Press the REPEAT button to select repeat mode as follow.

REP-ONE - REP-ALL - REPEAT OFF -

1.Continuously repeat at the current chapter/ track, when selected REP-ONE mode. 2.Select REP-ALL mode to continuously repeat all chapter/track on the current disc.

3.When the player finish playback the current discc last chapter/track, it will stop display the elapsed time. When selected REPEAT OFF mode (REP-ONE & REP-ALL disappear at the screen display).

4.REPEAT feature does not support VCD2.0 (with PBC ON).

Remote Sensor (IR)

Point the remote handset to the remote sensor. Receive the signal from remote handset.

On-Screen Display Function

Press the DISPLAY button during playback to display the contents of the current disc on the screen. Example: DVD: (1) Press DISPLAY for the first time:

· · ·

TITLE 01/03 CHAPTER 002/025 P: 00:00:25

TITLE ELAPSED

Title Number, Total Title Number, Chapter Number, Total Chapter Number of this Title of the disc currently being played will be shown on the screen, along with the elapsed time.

(2) Press DISPLAY for the second time:

TITLE 01/03 CHAPTER 002/025 P: 00:00:25

TITLE REMAIN

(3) Press DISPLAY for the third time:

TITLE 01/03 CHAPTER 002/025 P: 00:00:25

CHAPTER ELAPSED

(4) Press DISPLAY for the fourth time:

TITLE 01/03 CHAPTER 002/025 P: 00:00:25

CHAPTER REMAIN

(5) Press DISPLAY for the fifth time: The message on the screen will be cleared.

Video CD/SVCD/CD:

(1) Press DISPLAY for the first time:

T:01/18 P:00:00:25 LR DISC SINGLE ELAPSED (2) Press DISPLAY for the second time:

T:01/18 P:00:00:25 LR DISC SINGLE REMAIN

(3) Press DISPLAY for the third time:

T:01/18 P:00:00:25 LR DISC TOTAL ELAPSED

(4) Press DISPLAY for the fourth time:

T:01/18 P: 00:00:25 LR DISC TOTAL REMAIN

(5) Press DISPLAY for the fifth time: The message on the screen will be cleared for SVCD and VCD. Note: For CD and Mp3, the message will always display on the screen.

MP3:

Each time DISPLAY is pressed, the message displayed on screen changes as follows:

- SINGLE ELAPSED - SIGGLE REMAIN -

Multi-audio Language Function

Press AUDIO during playback.

Each time the button is pressed, number of the audio soundtrack language changes on sequential order. Notes:

-The language number is different according to the disc.

-Some disc only contain one language soundtrack.

-When no different language soundtrack are recorded¹ will be display at screen left top corner. VCD:

Press AUDIO during playback. It is possible to switch the sound between monaural and stereo sound.

CD:

Press AUDIO during playback. It is possible to switch the sound between monaural and stereo sound. -MONO LEFT -> MONO RIGHT-> STEREO

TITLE Menu Function

DVD:

If the DVD has multiple titles recorded on the disc. It can select preferred title from the title menu to start playback.

- 1.Press TITLE during playback. The title menu is display.
- 2.Press the cursor button shown in TV screen, select preferred title by the cursor button and confirmed by ENTER key.

VCD:

Press MENU button while the disc is playing, you can switch between"PBC on"and "PBC off"mode.

Multi-subtitle Language Function

(For DVD only)

Press SUBTITLE during playback. Each time the button is pressed, number of the subtitle language changes in sequential order.

Notes:

-The language number is different according to the disc.

-Some discs only contain one subtitle language.

-When no different subtitle language are recorded, **1**, will be displayed at screen left top corner.

16

BASIC OPERATION

Multi-angle Function

(For DVD only)

Press ANGLE during playback.

Each time the button is pressed, number For example: of the angle changes in sequential order. Notes:

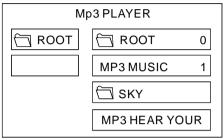
-The angle number is different according to the disc.

-The function only work for discs having scenes recorded at different angles.

-When no different angle are recorded, 1 will be displayed at screen left top corner

MP3 Disc Play

MP3 disc is playing as the format of FOLDER by FOLDER.



Use $\blacktriangle / \checkmark / \triangleright / \blacktriangleleft$ to select the item or folder, then press ENTER button.

Pressing REPEAT button repeatedly can select three kinds of repeat play mode.

REP-ONE: Play the same song over and over again.

FOLDER REPEAT:

Play all songs in the current directory in sequence, over and over again.

DISC REPEAT

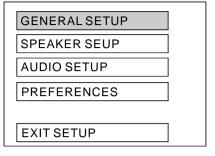
Play all songs in the disc over and over again.

In the playback, use 🕶 or 🍽 to skip an item ahead or back.

Note: The FOLDER cannot be selected during playing. It can be selected after ■ (Stop) button pressed.

INITIAL SETUP

SETUP MENU --- MAIN PAGE----



1.Press SETUP in the stop mode. (Press the stop button twice to ensure the player under STOP mode.)

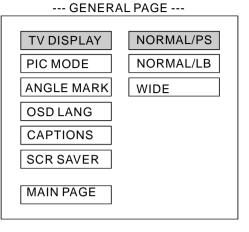
2. The initial SETUP menu is displayed.

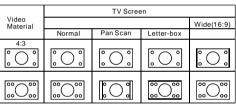
- 3.Select the preferred item by using the ▲/▼buttons.
- 4.Press ENTER buttons.
- a. GENERAL SETUP

This setup page includes all the item of TV display & audio output feature. The detail please refer to GENERAL SETUP MENU.

- b. SPEAKER SETUP This is to activate the audio output from DOLBY AC3 5.1 DOWNMIX to 2 channel mode. Please refer to SPEAKER SETUP MENU.
- c. AUDIO SETUP This setup page includes all the items for AUDIO. Please refer to AUDIO SETUP MENU.
- d. PREFERENCE SETUP This setup page includes all the configuration of support feature. The detail please refer to PREFERENCES SETUP MENU.

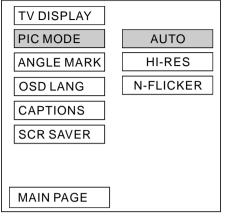
GENERAL SETUP





TV display setup

This is to select the appropriate TV aspect (4:3 or 16:9) according to the connected TV set. Normal/PS (For 4:3 TV) Played back in the PAN & SCAN style. (If connected to wide-screen TV, the left and right edges are cut off.) Normal/LB (For 4:3 TV) Played back in letterbox style. (If connected to wide-screen TV, black bands appear at top and bottom of the screen.) Wide (For 16:9 TV) Select when a wide-screen TV set is connected. --- GENERAL PAGE ----

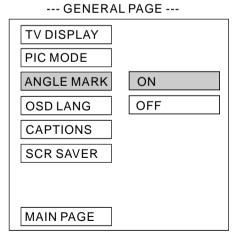


PIC mode setup

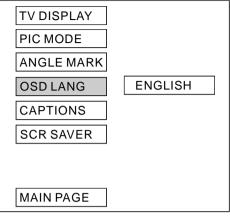
Select AUTO, the player PIC mode will depend on DVD disc.

Select HI-RES format for best image resolution.

Select N-FLICKER format on format on image or picture under noise affect.

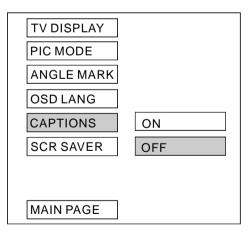


ANGLE MARK display setup If it is set to ON, when the multi-angle DVD disc is playing, the angle mark) will appears on the screen; if is set to OFF, the mark will not appear. --- GENERAL PAGE ---



OSD LANG type setup Select the preferred OSD language by using the ▲/▼ buttons.

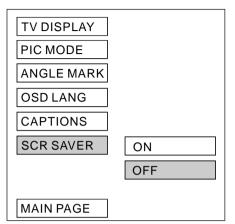
--- GENERAL PAGE



CAPTIONS setup

Activate the CAPTIONS feature by selecting ON. And release this feature by selecting OFF.

--- GENERAL PAGE ---



SCR SAVER setup

SPEAKER SETUP

--- SPEAKER SETUP PAGE ---

DOWNMIX	LT/RT		
	STEREO		
MAIN PAGE			

This is to activate the audio output from DOLBY AC3 5.1 DOWNMIX to 2 channel mode. Select the preferred SPEAKER connection by using the cursor buttons. RF REMOD. Select the LT/RT to activate the Dolby surround compatible output. Select the STEREO to activate simple stereo mode.

AUDIO SETUP

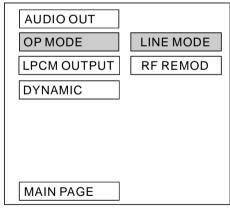
--- AUDIO SETUP ---

AUDIO OUT	ANALOG
OP MODE	SPDIF/RAW
LPCM OUTPUT	SPDIF/PCM
DYNAMIC	
MAIN PAGE	

AUDIO OUT

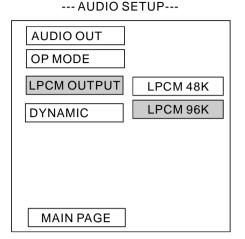
Select the SCR SAVER output ON/OFF. This is to activate the audio output from ANALOG mode to SPDIF/RAW mode to SPDIF/PCM mode.

--- AUDIO SETUP ---



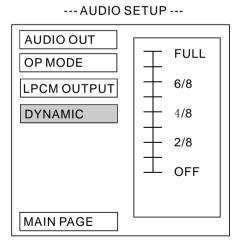
OP MODE

There are two operating modes for the Dolby Digital decoder: LINE OUT and



LPCM OUTPUT

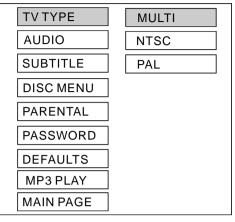
Select the LPCM OUTPUT between LPCM 48K and LPCM 96K.



Dynamic Range Control Select DRC and adjust the dynamic range of a Dobly Digital encoded program. There are 8 steps between full compression and off compression.

PREFERENCES SETUP

--- PREFERENCES PAGE ---



TV type setup

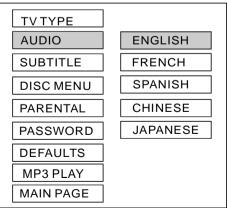
This player can play discs recorded in either PAL or NTSC format.

Select NTSC format, when you connected to NTSC TV.

Select PAL format, when you connected to PAL TV.

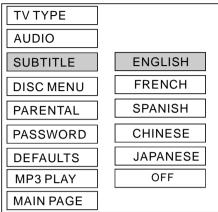
Select AUTO format, the player TV output format will according to the DVD disc format.

--- PREFERENCES PAGE ---



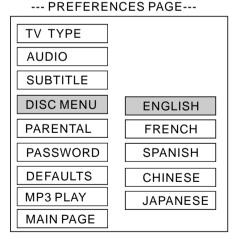
AUDIO language setup Select the preferred AUDIO soundtrack by using the cursor buttons.

--- PREFERENCES PAGE ---



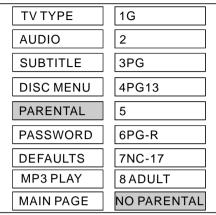
SUBTITLE language setup

Select the preferred SUBTITLE language by using the cursor buttons.



DISC MENU language setup Select the preferred DISC MENU language by using the cursor buttons.

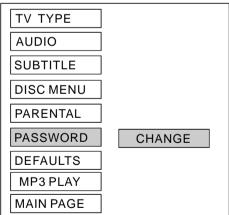
--- PREFERENCES PAGE ---



PARENTAL

Select suitable parental guidance by the cursor buttons and conformed by pressing ENTER button.

--- PREFERENCES PAGE ---



PASSWORD

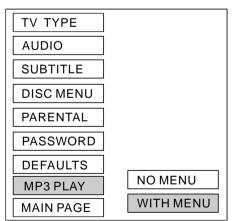
Select the change and press ENTER button. Type the old password (The initial factory code is **3308**) and key in 4 characters password now you want to use, and retype again to confirm key in correctly. --- PREFERENCES PAGE ---

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DEFAULTS

Select reset to become factory initial setting.

--- PREFERENCES PAGE ---



Mp3 PLAY

In this item, you can select NO MENU mode or WITH MENU mode.

DEFAULTS TABLE

General Setup	TV Display	Normal/PS	
	PIC Mode	AUTO	
	Angle Mark	ON	
	OSD Language	English	
	Captions	OFF	
	SCR Saver	OFF	
Speaker Setup	Downmix	Stereo	
Audio Setup	Audio Out	Analog	
	OP Mode	Line Out	
	Dynamic		
	LPCM Out	LPCM 96K	
Preferences	Т V Туре	AUTO	
	Audio	English	
	Subtitle	English	
	DISC Menu	English	
	Parental	NO PARENTAL	
	Password	3308	
	Smart NAV	With Menu	

SPECIFICATIONS

Supply Voltage: Current Consumption: Signal System: Discs Played: Audio Output Level:	 12V DC (11V-15V), test voltage 14.4V, negative ground Less than7 A Compositive video 1.0Vp-p 75Ω (1)DVD-VIDEO Disc 5"(12 cm) single-sided, single-layer 5"(12 cm) single-sided, double-layer (2)Compact Disc (CD-DA, VIDEO CD) 5"(12cm) disc 600Ω (2 ch 2.0 Vrms) 			
Audio Signal Output: Characteristics:	(1)Frequency Response (2)S/N Ratio (3)Wow and Flutter		20 Hz - 20 KHz 90 dB (JIS) Below measurable limits	
	For 3 Bands (Europe)	For 2 Ban (Europe)	ds	For 2 Bands (U.S.A.)
Frequency Coverage: IF: Sensitivity (S/N = 30 dB):	FM 88 to 108 MHz 10.7 MHz 15 dBu	FM 88 to 108 M 10.7 MHz 15 dBu		FM 3 to 108 MHz 10.7 MHz 15dBu
Frequency Coverage: IF: Sensitivity (S/N = 20 dB):	MW 540 to 1600 KHz 455 KHz 40 dBu	MW 540 to 160 455 KHz 40 dBu)0 KHz	AM 530 to 1710 KHz 455 KHz 40 dBu
Frequency Coverage: IF: Sensitivity (S/N = 20 dB):	LW 150 to 280 KHz 455 KHz 45 dBu			

Note:

Specifications and design are subject to modification, without notice, due to improvements in technology.

TROUBLE SHOOTING

Before going through the check list, check wiring connection. If any of the problems persist after check list has been made, consult your nearest service dealer.

Symptom	Cause	Solution
No power.	The car ignition switch is not on.	If the power supply is properly connected to the car accessory terminal,switch the ignition key to "ACC"
	The fuse is blown.	Replace the fuse.
	Presence of disc inside the player.	Remove the disc in the player, Then put a new one
	Inserting the disc in reverse direction.	Insert the compact disc with the label facing upward.
Disc cannot be loaded or ejected.	The disc is extremely dirty or defective.	Clean the disc or try to play a new one.
	Temperature inside the car is too high.	Cool off or until the ambient temperature return to normal.
	Condensation.	Leave the player off for an hour then try again.
No sound.	Volume is in minimum.	Adjust volume to a desired level.
No Sound.	Wiring is not properly connected.	Check wiring connection.
Sound skips.	The installation angle is more than 30 degrees.	Adjust the installation angle less than 30 degrees.
	The disc is extremely dirty or defective disc.	Clean the compact disc, then try to play a new one.
The operation keys do not work.	The built-in microcomputer is not operating properly due to noise.	Press the RESET button. Front panel is not properly fixed into its place.
The radio does not	The antenna cable is not connected.	Insert the antenna cable firmly.
work.	The signals are too weak.	Select a station manually.

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