

MULTI-MEDIA DISC PLAYER

INSTRUCTION MANUAL



MD11

Notes: Any changes to the design and specifications are not recommended.

Before operating this product please read all the operating and connection instructions in this manual

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TECHNICAL SPECIFICATIONS

Specifications:

- Ultra Slim Design.
- Multimedia player Supports: DVD, DVD-R, DVD-RW, DVD+R, DVD+RW, CD, CD-R, CD-RW, VCD, SVCD, MP3 and JPG picture disks
- MPEG4 support: Xvid, DivX 3.11 / 4.02 / 5.02 / 5.03 / 5.05 / DivX Pro / XviD / Subtitles .srt.sub
- Electronic Shock Protection (ESP) and Mechanical Shock Protection
- PAL/NTSC selection
- Infra-red remote control
- Multi Lingual On Screen Display (OSD)
- 2 Integrated dome lights with door sensor connections
- AV input via RCA connectors
- USB Connector: USB 1.1 and 2.0 (Full Speed)
- SD card host
- Multi-Language menu selection
- Dimension: 355 x 254 x 65mm (W/H/D)

Including

- Multimedia Player x1
- IR Remote control Including batteries x1
- User Manual x1

Specifications MultiMedia Player:

Power Consumption	12V DC(11-15V)/ 1.4A(Max.1.6A)
FM Stereo Transmitter	88.5MHz-89.9MHz
High Carrier Frequency	2.3/2.8MHz
Weight	<2.0KG
Dimension	355 x 254 x 65mm (W/H/D)
TV Signal system	PAL/NTSC/MULTI
Laser	Semi-conductor laser, wave length 650nm, 780nm
Frequency range	48KHz pulse modulation 20Hz~22KHz 96KHz pulse modulation 20Hz~22KHz
S/N	≥65dB
Audio dynamic range	>85dB
Harmonic Distortion	0,01%
Input Sensitivity	500mv
Operation temperature	0℃~ 40℃
Storage Temperature	-15℃~ 50℃

COMPATIBLE DISK TYPES

Some DVD discs may have special requirements for playing, with which this system may not be compatible. Please refer to the specifications on the individual disc.

DISC TYPE	Content	Size	Total Play time
DVD	AUDIO/ VIDEO	12CM	About 4.7 GB - 2hrs. (Single side & single layer)
			About 8.5 GB - 4hrs. (Single side & double layer)
			About 9.4 GB - 4hrs. (Double side & Single layer)
			About 17GB - 8hrs. (Double side & double layer)
CD-DA	AUDIO	12CM	About 700MB - 74 minutes
MP3	MP3 AUDIO	12CM	About 700MB - 300 minutes

Discs types

The Multimedia player can play the following types of discs: DVD / CD / CD-R / CD-RW / DVD-R / DVD-RW / DVD+R / DVD+RW. Other discs not listed cannot be played. please DO NOT play discs smaller than 12CM or odd shape discs.

The Multimedia player uses the NTSC/PAL color systems. It cannot play discs recorded with other systems, such as SECAM.

Region code

The region code for this player is 0 which indicates any region.

Copyright

According to the related laws, DVD discs, without proper authorization, are not allowed to be copied, broadcasted, cable broadcasted, or played publicly with the Multimedia player.

The Multimedia player incorporates copyright protection technology that is protected by method of claims of certain U.S. patents and other intellectual Property Rights owned by their rights owners. Reverse engineering or disassembly is prohibited.

Dear Customer:

We thank you for purchasing the Multimedia. We wish you many pleasant hours of watching DVD's or listening to your favorite music. Personal Safety has been taken into consideration in the design and manufacturing of this product, however any improper use or operation may result in an electrical shock, fire and/or any other hazards. To prevent these hazards it is strongly recommended to read this manual thoroughly and adhere to the following precautions:

Important Safety Instructions



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 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 appliance.

CAUTION:

The unit employs a laser system.

To ensure proper use of this product. Please read this owner's manual carefully and retain for future reference. Should the require maintenance, contact an authorized service location-see service procedure.

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

To prevent direct exposure to laser beam, do not try to open the enclosure. Visible laser radiation may be present when the enclosure is opened. Do not stare into beam.

WARNING:

FCC regulations state that any change or modification to the equipment, not expressly approved by maker or its authorized parties, could void user's authority to operate this equipment.

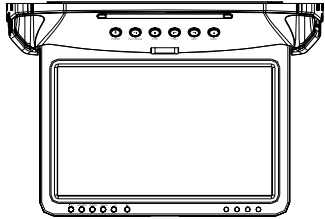
NOTE

- Please dispose empty batteries according the regulations in your country
- All On Screen Displays (OSD) and Pictures will be based on the English version.
- Design and Specifications may vary in the manual from the actual product in use.

PREPARATION BEFORE USING THE MULTIMEDIA PLAYER

Unpacking and checking the contents

please check if the following items and accessories are included in the received package:



One Multimedia Player



One IR-Remote Control



This User Manual.

INSTALLATION

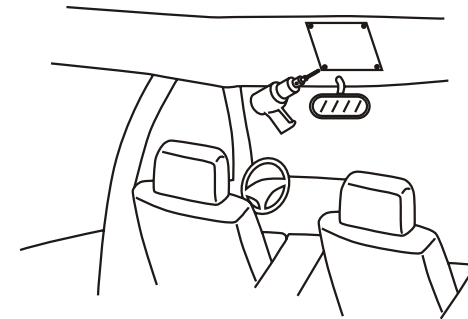


Fig.1

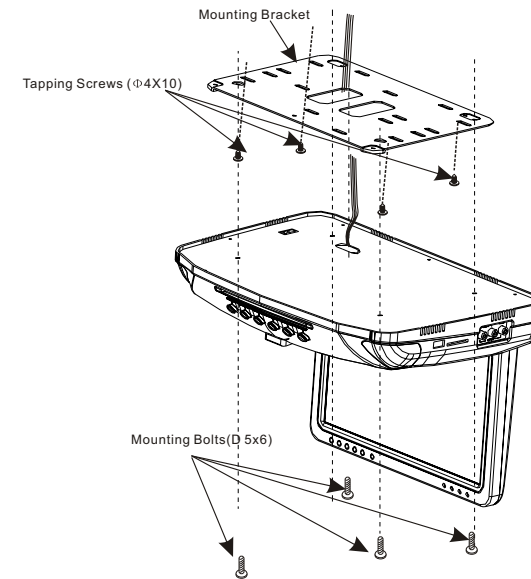
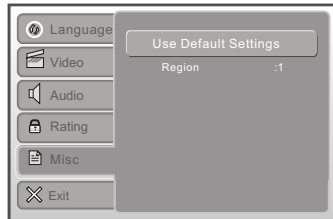


Fig.2

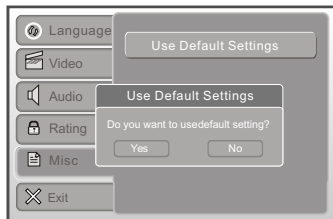
1. Determine the mounting location and drill four mounting holes (See Fig.1).
2. Attach the mounting bracket to the holes with the tapping screws ($\Phi 4 \times 10$).
4. Open the monitor to display the four screw holes.
5. Attach the unit to the bracket with the mounting bolts (D 5X6).
7. When the installation has completed, you can also turn the display upward or downward to adjust the viewing angle. (See the arrowhead symbol in Fig.2).

Misc

Enter this menu to setup the misc settings of the player.
and activate/disactivate screen saver.

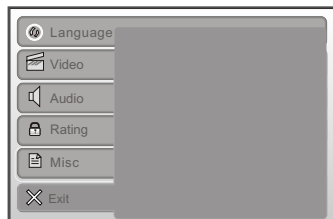


Use Default Settings:
The player will return to the factory default settings.



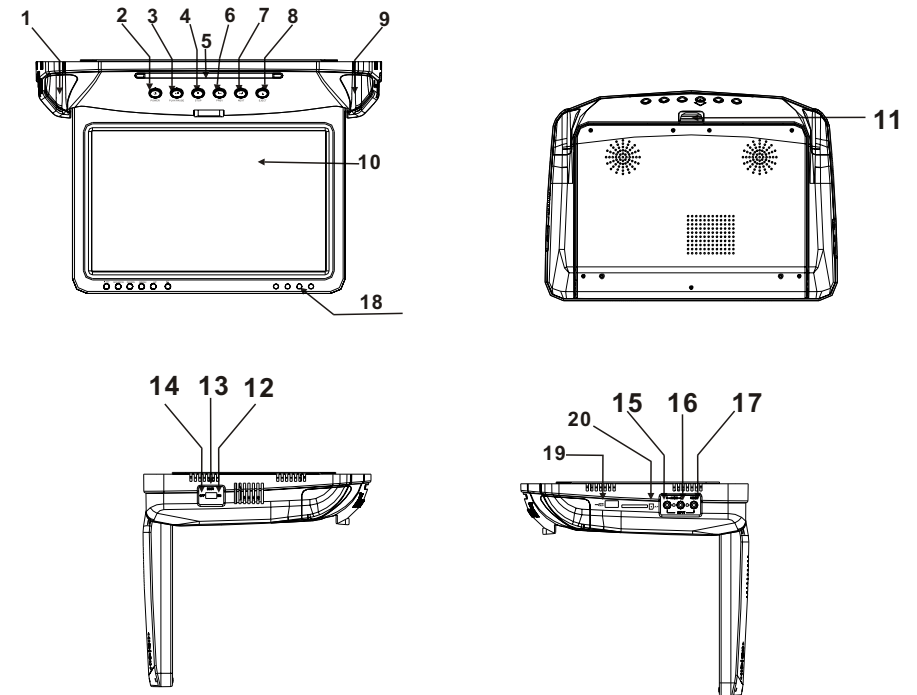
Exit

Enter this menu to Exit setup



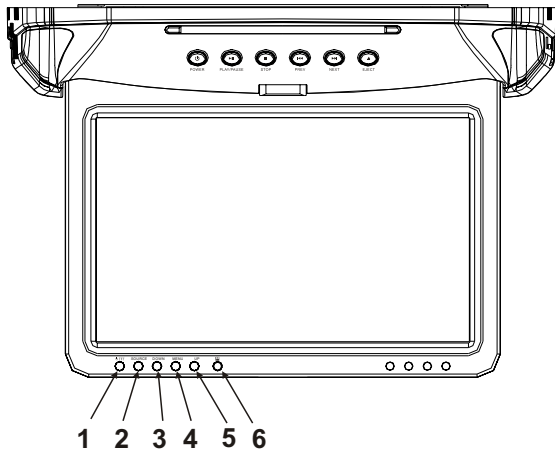
CONTROL REFERENCE GUIDE

The Multimedia Player



- | | |
|-----------------------|--------------------------|
| 1/9 Dome Light | 12 turn on Dome light |
| 2 Power | 13 Door Control |
| 3 Play/Pause | 14 turn off Dome light |
| 4 Stop | 15 Right Audio Input |
| 5 Disc slot | 16 Left Audio Input |
| 6 Previous | 17 Composite Video Input |
| 7 Next | 18 Infra Red Sensor |
| 8 Eject | 19 USB |
| 10 11 Inch LCD Screen | 20 SD |
| 11 Open | |

The 11 inch TFT color LCD Monitor



- 1- TFT
- 2- SRC
- 3- Adjust decrease
- 4- Menu Selection: Brightness, Saturation, Sharpness, Contrast, Reset
- 5- Adjust increase
- 6- Control Sensor PickUp

- 1 Press the [POWER] button to power on or off the TFT color LCD Monitor.
- 2 Press the [MENU] button to toggle between Brightness, Color, Contrast, Tint, and adjust the level with the [▲] or [▼] button.

Note:

- The TFT color LCD is made of glass and liquid, do not apply pressure on the screen to prevent breakage and poor image quality.
- Do not scratch the screen surface with hard materials and only clean with a soft dry cloth.

Parental Control

Highlight "Parental control", then press [ENTER] button to enter the setting menu. Input the correct password, then press [ENTER] button again to change the setting:

- | | |
|-------------|----------|
| 1. Kid Safe | 5. PG-R |
| 2. G | 6. R |
| 3. PG | 7. NC-17 |
| 4. PG-13 | 8. Adult |

Change Password

Highlight "Set Password" selection, and press [ENTER] button to enter the setting menu. Input the 4 digit password, press [ENTER] button. The rating lock will release.

Input the new 4 digits password,

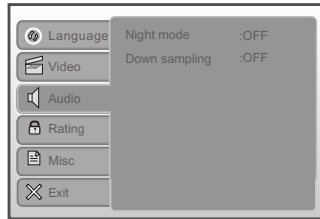
The password will be changed and the rating lock will lock up after pressing ENTER button.

Default setting

Password	: 8888
Parental control	: 8. Adult

Audio

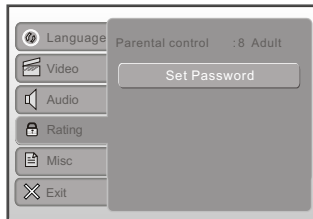
Enter this menu to setup the digital audio output format of different signal type.



Night mode:
OFF/ON
Down sampling:
OFF/ON

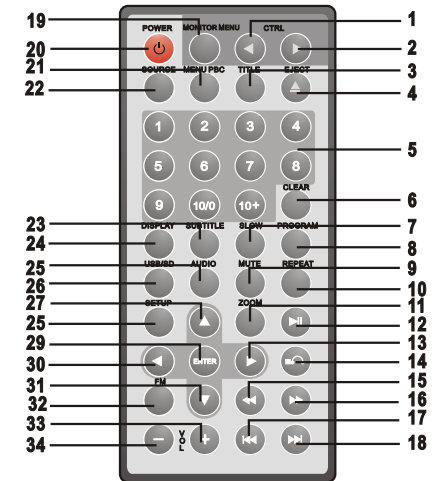
Rating

Enter this menu to setup the rating level of the player and change the password.



The IR Remote Control

Point the remote control no more than about 3~4 meters (approx. 21 feet) from the remote control sensor on the front of the player and keep with in a $\pm 30^\circ$ angle.



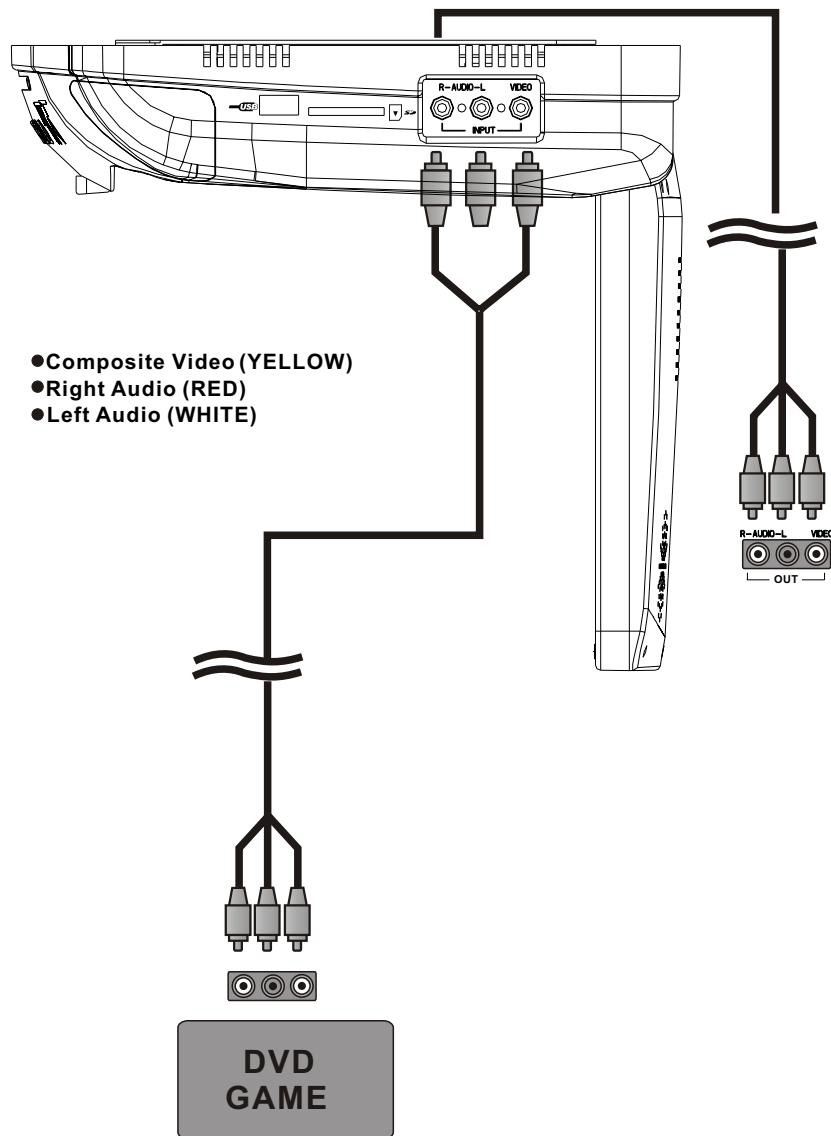
(1) Adjust Decrease	(13) Right Arrow ►	(25) Audio
(2) Adjust Increase	(14) Stop&Return	(26) USB/SD
(3) Title	(15) Fast Reverse◀◀	(27) Up Arrow▲
(4) Eject	(16) Fast Forward▶▶	(28) Setup
(5) Number buttons	(17) Previous◀◀	(29) Enter
(6) Clear	(18) Next▶▶	(30) Left Arrow◀
(7) Slow	(19) Monitor Menu	(31) Down Arrow▼
(8) Program	(20) Power	(32) FM
(9) Mute	(21) Menu/PBC	(33) Volume+
(10) Repeat	(22) Source	(34) Volume-
(11) Zoom	(23)Subtitle	
(12) play/pause▶◀	(24)Display	

Note:

- The distance may vary according to the brightness of ambient light.
- If the remote is not used for an extended period of time, remove the batteries to prevent possible damage from battery leakage and corrosion.
- Do not place any objects between the remote control unit and the sensor on the unit.
- Do not use the remote control unit, while simultaneously operating the remote control unit of any other equipment, they may interfere resulting in improper operation.
- The batteries normally last for about one year although depending how often the remote control is used. If the remote control unit isn't working even when it is operated near The Multimedia player, replace one the batteries with new batteries of the same make.
- Incorrect use of batteries may cause them to leak, corrode or explode.
- If leakage from the battery occurs, wipe the battery liquid from the battery compartment before installing new batteries.
- Make sure the IR sensor is not obstructed by the canvas carry bag.

CONNECTION

CONNECTING THE UNIT TO AN EXTERNAL DVD GAME USING THE A/V CABLE (NOT INCLUDED)

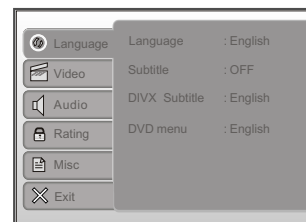


SETUP MENU

Press [setup] button to enter DVD On Screen Display(OSD) setup menu. Highlight the desired icon and press [ENTER] button to activate the setting sub menu.

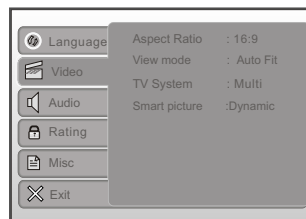
Language

Enter this menu to setup the OSD language , DVD disc subtitle, and DVD disc start menu.



Video

Enter this menu to setup the video setting



Aspect Ratio:
4:3/16:9
View mode:
Fill/original/Auto Fit/Pan scan
TV System:
NTSC/PAL/MULTI
Smart picture:
Standard/Bright/Soft/Dynamic

OSD - Photo CD mode

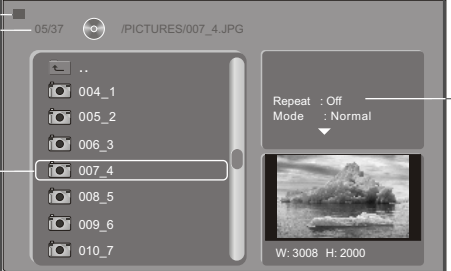
Repeat mode
(Press ENTER
button to adjust)

- Single
- All
- Off

Playback status

Disc File
current file
/ total files

Highlight
selection
(Press ENTER
button to start
playback)



Repeat : Off
Mode : Normal

W: 3008 H: 2000

Image rotation
Press CURSOR button to rotate a picture.

- UP** : rotate 180 ° anti-clockwise
- DOWN**: rotate 180 ° clockwise
- LEFT** : rotate 90 ° anti- clockwise
- RIGHT** :rotate 90 ° clockwise

BASIC OPERATIONS

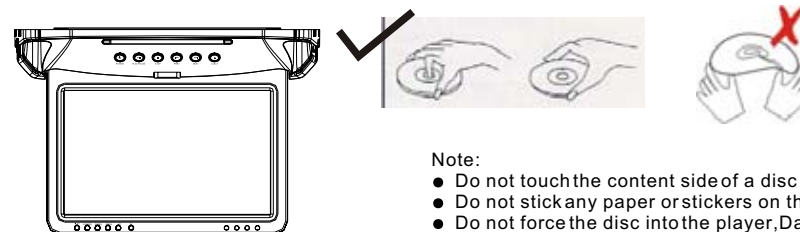
PAL-NTSC Selection

To set up The Multimedia player according to the connected TFT LCD monitor and video signal system, to play a DVD or any other video discs, follow these guidelines:

- If the TFT LCD monitor is NTSC, press the **N/P** button on The Multimedia Player until you see NTSC on your screen.
- If the TFT LCD monitor is PAL, select PAL by pressing the **N/P** button on the Until you see PAL on your screen:
- If the TFT LCD monitor supports both PAL and NTSC, select MULTI by Pressing The **N/P** button until you see MULTI on your screen.

Disc loading

- Load one disc with the label side facing upwards and make sure you do not touch the data side with your fingers.



Note:

- Do not touch the content side of a disc
- Do not stick any paper or stickers on the disc.
- Do not force the disc into the player, Damage to The disc or the player may occur if a disc is not placed correctly on the guides in the disc tray.



- Finger prints and dust on the disc surface can affect the sound and picture quality. Clean the discs regularly with a soft cotton cloth from the disc center to the outside of the disc. Do not clean in circular motions.
- Do not use any solvent, such as diluting agents, gasoline, liquid detergent and etc; this may cause serious damage to the disc.
- Keep discs away from direct sunlight or any heat source
- The Multimedia player is a precision device. If the optical pick-up lens and disc drive parts become dirty or worn down, picture quality will become poor. To obtain a clear picture, regular inspection and maintenance are recommended every 1,000 hours of use, depending on the operating environment.

Once the disc is loaded, the unit will automatically start reading the disk and it will take a few seconds to download the disc initial data, thereafter, the disc type will be displayed in the left upper corner of the LCD screen and the unit will start playing the disc.

Pause / Stop / Play

When a disc is playing, press the **PAUSE** button on the remote control or on the Multimedia player to pause the session. Press the **PLAY** button on the remote control or the Multimedia player to resume playing the disc.

Press the **STOP** button once on the remote control or The Multimedia player to stop playing a disc. The unit will memorize the position on the disk and will continue to play from that position if the **PLAY** button on the remote control or The Multimedia player is pressed.

Press **STOP** twice to completely stop playing a disc. When the **PLAY** button on the remote control or the Multimedia player is pressed hereafter, the unit will not resume play from the position the disc was interrupted at. **Note: The Disc continues to spin for approximately four(4) minutes after pressing the stop button.**

Select menu items

In either the disc menu or the setup menu:

- (1) Press the arrow **▲/▼/◀/▶** buttons to move between selectable items.
- (2) Press the **PLAY** button to confirm and/or execute a selection

ADVANCED OPERATION

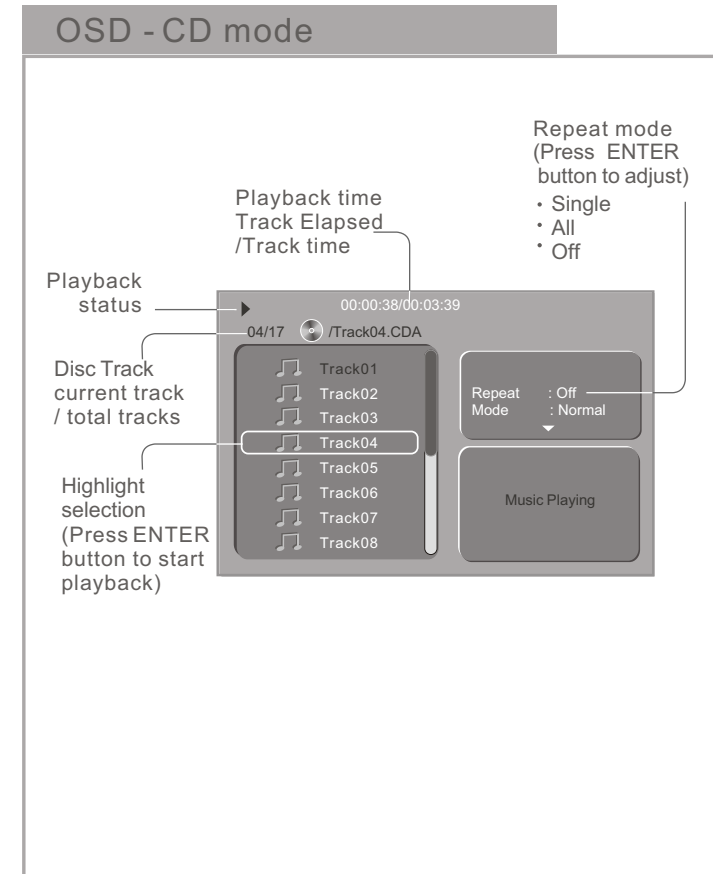
Select a specific on-disc Menu section

When the DVD disc contains an on-disc menu, you can access this menu by pressing the **[MENU PBC]** button on the Remote Control.

- (1) Press the **[MENU PBC]** button to display the DVD menu (if available) and the selection choices.
- (2) Use the arrow buttons to scroll through the displayed sub-menu items. Press **[ENTER]** to confirm the selection.
- (3) Alternatively, use the Number buttons to make a selection. For example: To select the 13th song, press **[10/0],[1]**, then **[3]**

Audio CD discs track selection

You can select/play songs via the number buttons, If the track number is lower than 10, press a number button 1-9 to select the desired track. For example: to select the 8th track, press number 8. to select track number beyond 10, first press **[10/0]**, followed by the digit number button (1-9). For example: To select the 12th song, press button **[10/0]**, then press button **[1]**, then press button **[2]**.



ON SCREEN DISPLAY

ON SCREEN DISPLAY

Press [Display] button, an On Screen Display (OSD) indicator will be displayed at the lower middle part of the TV screen displaying the disc information and operation status.

OSD - DVD mode

Press [Display] button once to display Time and Title information.

- Playback time Disc Elapsed/Disc Time
- Disc Title current title / total disc titles
Chapter current chapter / total chapters
- Chapter current chapter / total chapters
- Multi-Audio current audio track / total tracks
Audio format
• 5.1CH
• 2CH
Name of current audio track

Press [Display] button twice to display Audio ,Subtitle, Angle,and Bitrate information

- Disc Subtitle current subtitle / total disc subtitles
Name of current Subtitle
- Multi-angle current angle/ total angles
- current bitrate
bitrate:The rate of information dissemination

Fast Forward

While the video is playing press the Fast Forward [▶▶] button on the remote control to play the video in Fast Forward (FFWD) mode. Five different speeds are available and depend on the number of times this button is pressed in sequence.

▶▶2x → ▶▶4x → ▶▶8x → ▶▶16x → ▶▶Normal play (DVD&Other Discs)

Fast Backward

While the video is playing press the Fast Backward button [◀◀] on the remote control to play the video in Fast Backward (FRWD) mode. Four different speeds are available and depend on the number of times this button is pressed in sequence.

◀◀2x → ◀◀4x → ◀◀8x → ◀◀16x → ◀◀Normal play (DVD&Other Discs)

Skip to the next chapter or track

When a DVD disc is playing, press the **NEXT** [▶▶] button on either the remote control or The Multimedia player to skip to the next chapter. When other discs are played, press this button to skip to the next track.

Note: Whether this function works depends on the disc type in use.

Skip to the previous chapter or track

When a DVD disc is playing, press the **PREVIOUS** [◀◀] button on either the remote control or The Multimedia player to skip to the previous chapter. When other discs are played, press this button to skip to the previous track.

Note: Whether this function works depends on the disc type in use.

Select a track

There are two options to select a next track.

1. Press either the **PREVIOUS** [◀◀] or the **NEXT** [▶▶] button as described above.

2. Press one or more of the **NUMBER 0-9**, and/or [10/0] buttons to enter the desired track number. When the screen is displaying a , this function is not available.

Reasons:

- A) The tracks on the disks are not numbered;
- B) The entered number is incorrect;

Display the track list

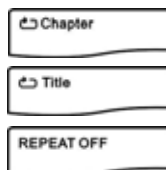
while the DVD disc is playing, press [**MENU PBC**] to display the track list. Select a track with the up or down arrow and press [**ENTER**] to confirm your track selection.

Repeat

While a disc is playing press the **[REPEAT]** button to select one of the available repeat modes.

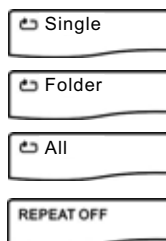
1) For DVD discs;

- press **[REPEAT]** to repeat a chapter
- press **[REPEAT]** again to repeat a title
- press **[REPEAT]** again to exit the repeat mode.



2) For non-DVD discs ;

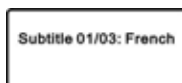
- press **[REPEAT]** to repeat a single track
- press **[REPEAT]** again to repeat a folder
- press **[REPEAT]** again to exit the repeat all disc
- press **[REPEAT]** again to exit the repeat mode.



Select Subtitle Language

Press the **[SUBTITLE]** button to select the caption language e.g. English, Dutch, Spanish, etc. Press the **[SUBTITLE]** button various times until you have selected the desired language.

Note: Whether this function works depends on the disc type in use.

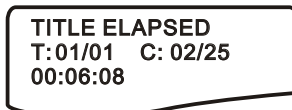


On Screen Display (OSD)

The **[DISPLAY]** button can be pressed on the remote control to check the playing time and the remaining time for each title/chapter/track. Also, it can display the remaining time for the whole discs.

For DVD discs

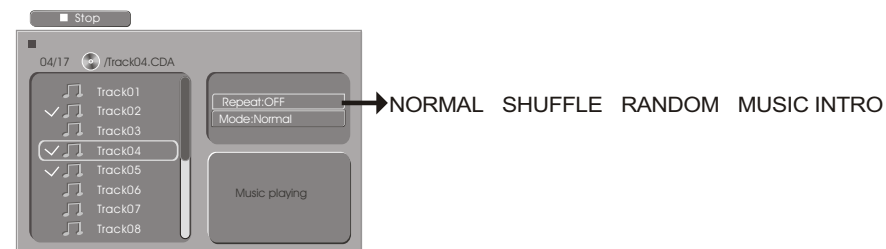
Press the **[DISPLAY]** button once, the screen will show the elapsed time for the current title..



Press the **[DISPLAY]** button twice, the screen will show the remaining time for title.



- Maneuver cursor button to highlight the "MODE" and press **[ENTER]** button to select mode. There are 4 different modes.



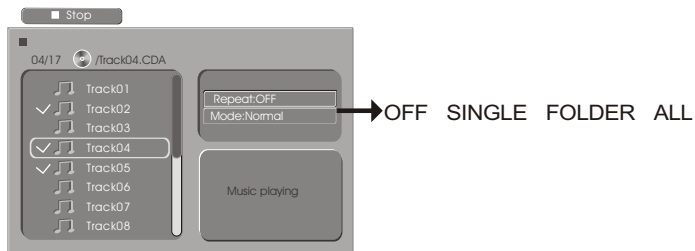
NOTE

- Some DVD discs do not allow programming.
- CD, MPEG4 and Picture CD program are only available to activate Edit function.
- Single track disc cannot be programmed.

CD/MPEG4/Picture CD program menu

Load a CD, MPEG3, MPEG4 or Picture CD disc to display the file manager menu.

- 1 Press **RIGHT** cursor button to highlight the "Repeat" and press **[ENTER]** button to select from "OFF", "SINGLE", "FOLDER", "ALL".



For CD discs

To check for example the remaining time when playing the 2nd song, press the **DISPLAY** button. The screen shows TC. This is the current track played.

TC
T:04/10
00:03:08

Press the **DISPLAY** button twice and the screen will show the remaining time for the current track.

TR
T:04/10
00:03:08

Press the **DISPLAY** button for a third time and the screen will show the elapsed time for the current disc.

Press the **DISPLAY** button for a 4th time and the screen will show the elapsed time for the current chapter.

FM Frequency

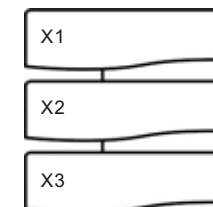
Press **[FM]** button to select the FM Modulator (Transmitter) frequency; at the same time the monitor will display the frequency selected. Now adjust the frequency on the vehicle's radio to match the frequency shown on the overhead monitor.

(Frequency sequence: 88.5, 88.7, 88.9, 89.1, 89.3, 89.5, 89.7, 89.9, OFF)

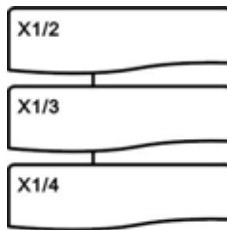
ZOOM

This feature is used to zoom-in on the video images or still images playing on the DVD discs.

There are three (3) levels of zoom-in function available. Pressing the **[ZOOM]** button will change the view in the following sequence:



Hereafter there are also three levels to zoom-out, press the **ZOOM** button several times to decrease the zoom factor in the following sequence:



With the image zoomed, the () arrow buttons will allow you to pan through the zoomed images.

To return to normal screen size, press the [ZOOM] button for the 4th time.

Memory play

The multimedia player can memorize the last stop point and play from this point onwards when the unit is switched on again or when play is pressed again.

when playing, press the [STOP] button once to stop playback. The multimedia player will memorize the current position on the disc. press the [PLAY] button to start playing from the last memorized position. Pressing [STOP] button twice will clear the memorized position from the memory and if play is resumed, the disc will be played from the beginning.

Slow Play

While playing, press [SLOW] to play video slowly at different speeds. This option can be used to play the disc slow forward. Four speeds are available for the slow forwards option. Press [SLOW] once, the speed decreases by one shift. Press [PLAY] to return to normal state.

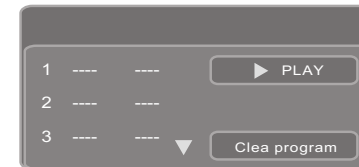
▶ 1/2 → 1/4 → 1/6 → 1/8 → Normal Mode

PROGRAM SETTINGS

PROGRAM SETTING

Program to play a DVD disc in a desired sequence automatically.

DVD *setting* menu



Load a DVD disc.

- 1 Press [Program] button to enter the setup menu.
- 2 Press UP or DOWN button to highlight the desired title and then press [ENTER] button to enter chapter program.
- 3 Press "PLAY" icon and [ENTER] button to start the program play. If you want to cancel program play, press the "clear program" icon, all programs will be cleared.