

Rear Entertainment System

Quick Start Guide - English



TOYOTA

ALWAYS A
BETTER WAY



Introduction

Read this manual thoroughly before using the Rear Seat Entertainment System. Keep this Manual in the Vehicle.

The system allows rear seat passengers to watch movies, view pictures and listen to music from a number of media formats; CD, DVD, USB & SD. The system can also be used with portable media devices or games consoles.

For increased vehicle security the Module can be removed from the vehicle and stored elsewhere.

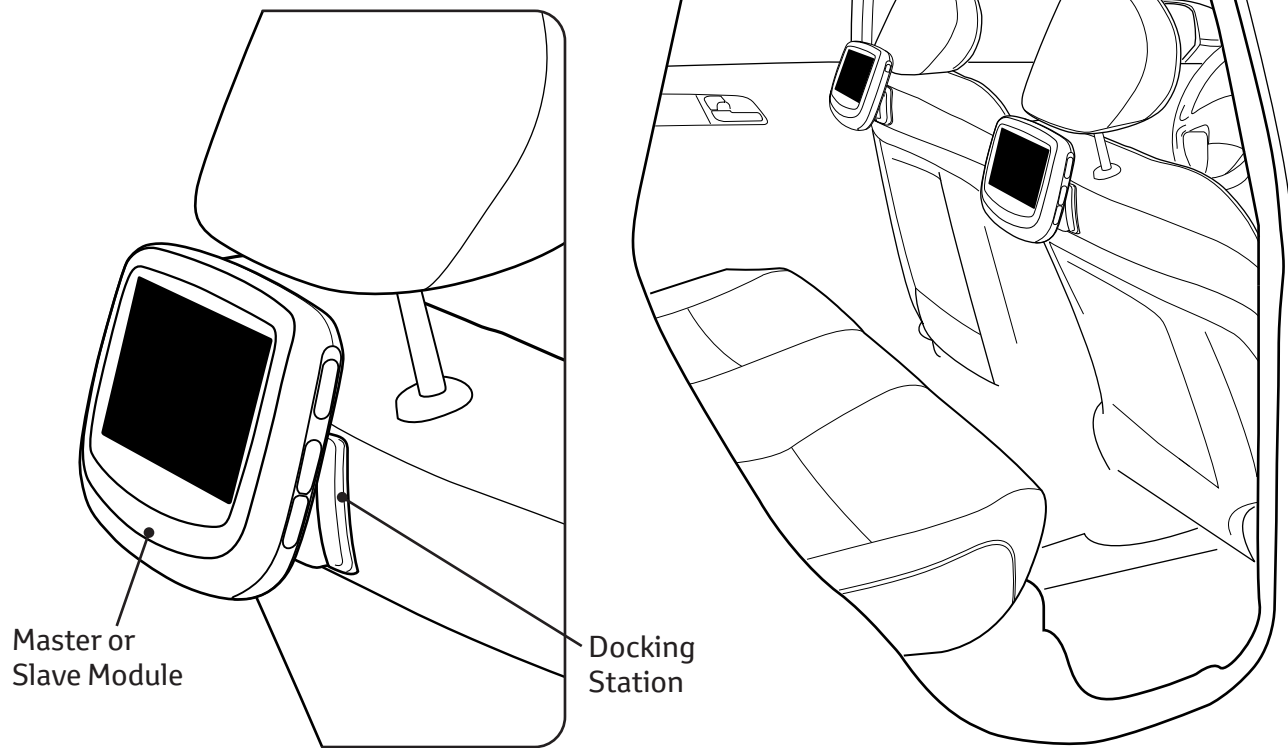
Where you see the  symbol, this is a prompt to use the remote control.

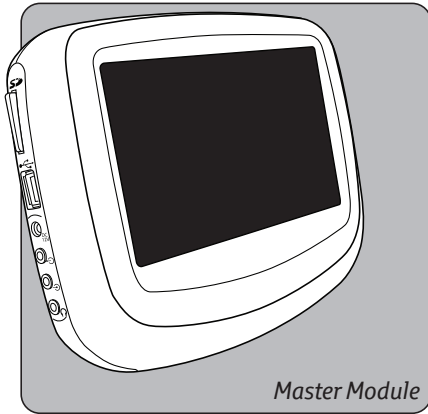
Contents

INTRODUCTION	1
CONTENTS	2
SYSTEM OVERVIEW	4
KEY FEATURES - MASTER MODULE	7
KEY FEATURES - SLAVE MODULE	9
INFRA-RED HEADPHONES	10
Headphones Operation	11
REMOTE CONTROL	12
Remote Control Operation	14
Replacing the Battery	15
HOW TO USE	16
Loading Media	16
Inserting the Module	17
Removing the Module	18
Power Supply	18
Input Selection	19
Warning Messages	20
DVD Region Code	21
MENUS AND ON SCREEN DISPLAYS (OSD)	22
Setup Menu	22
DVD Menu	23

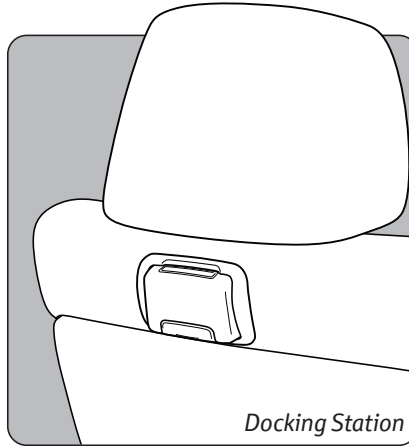
Audio Setup	24
Volume Control	25
Volume Auto Reset	26
Tone Control	27
Dual Channel Function	28
Video Setup	30
Picture Settings	31
Dimmer Function	31
Preferences Menu	32
Password Setup	33
Parental Control	34
Change Password	35
Language Setup	36
TECHNICAL INFORMATION	37
Supported Discs	37
Additional File Formats Supported	37
MPEG4 Related Specifications	37
USB and SD Card	39
TFT Screen	39
Operating Temperature	39
Socket Details	39
Menu Tree	41
TROUBLESHOOTING	43
PRODUCT CARE AND CAUTION	45
DISPOSAL	46

System Overview





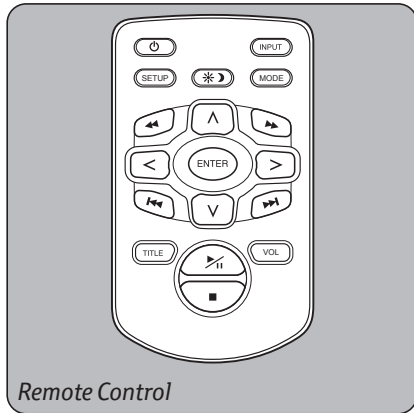
Master Module



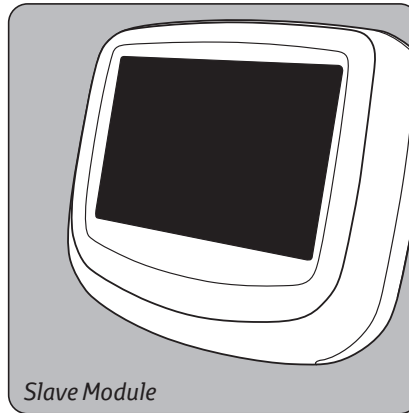
Docking Station



Wireless Headphones

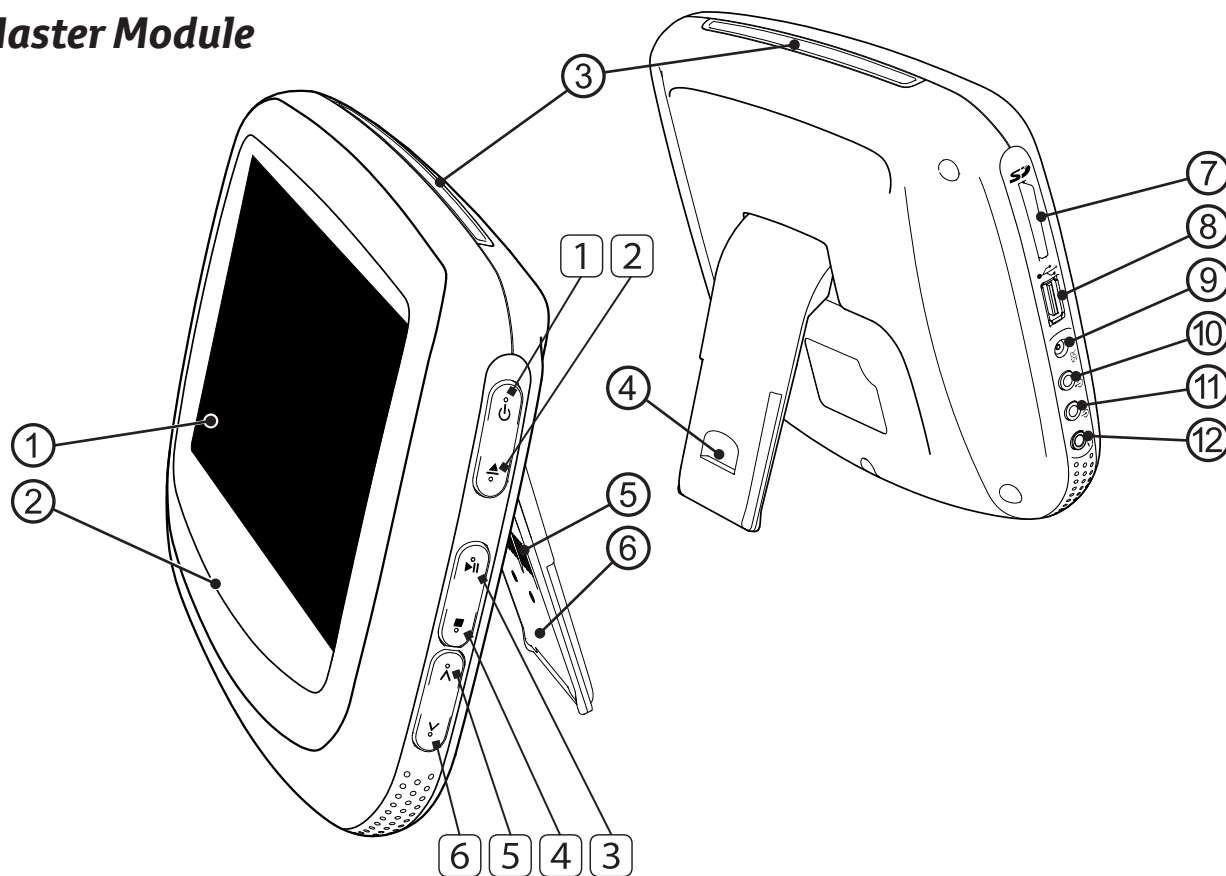


Remote Control



Slave Module

Master Module









Key Features - Master Module

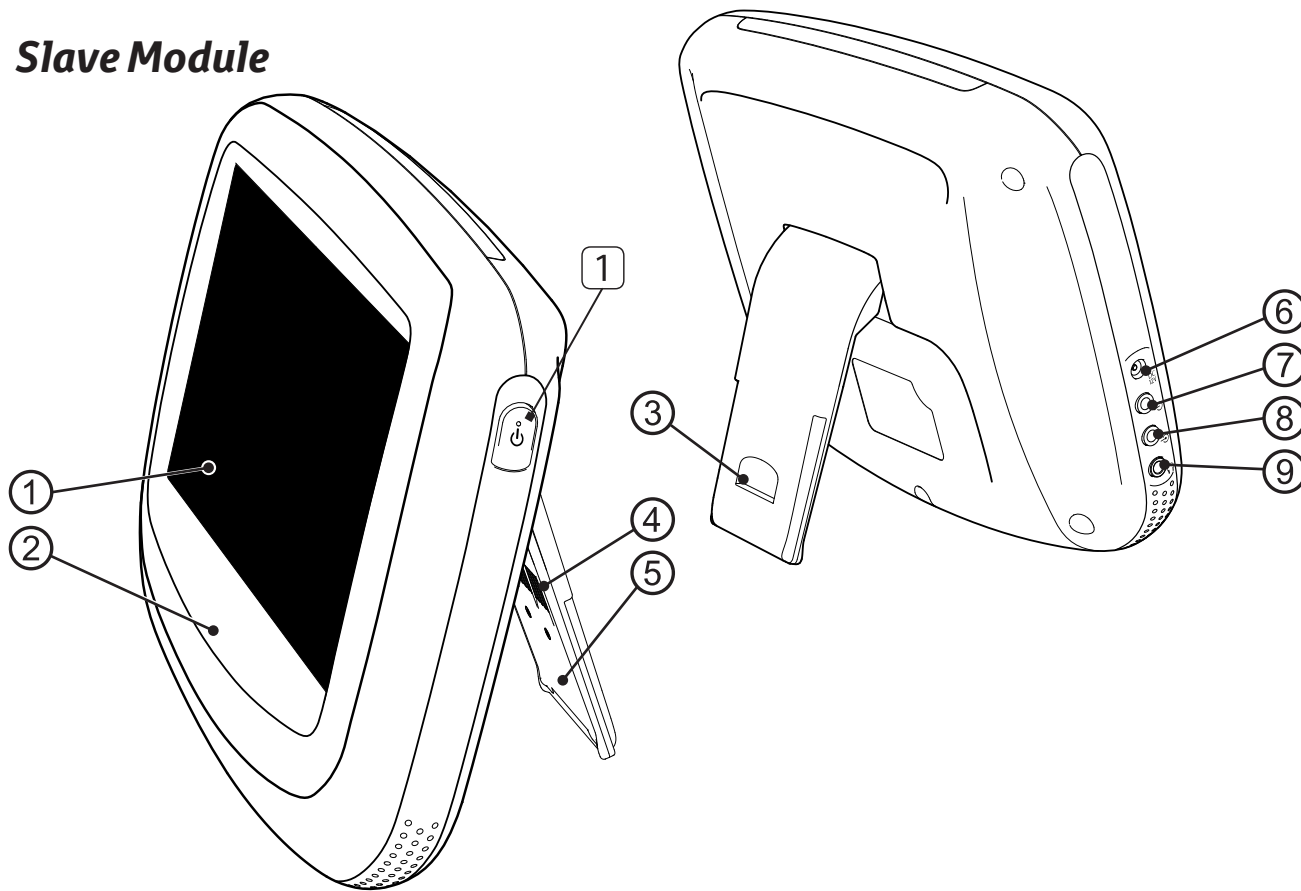
Features

- ① TFT Screen
- ② IR Window
- ③ DVD Disc Slot
- ④ Latch Recess
- ⑤ Electrical Contacts
- ⑥ Stand
- ⑦ SD Card Slot
- ⑧ USB Slot
- ⑨ 12V DC Power Jack
- ⑩ Auxiliary Out - (Yellow)
- ⑪ Auxiliary In - (Black)
- ⑫ Headphones Jack - (Green)

Buttons

- ①  Power Button, press to switch on Module, short press to choose input, press and hold for longer than 2 seconds to switch off.
- ②  Eject, press to eject a loaded disc.
- ③  Play / Pause / Enter, press to play selected option or to pause media being played.
- ④  Stop, press to stop media playback.
- ⑤  Up, press to navigate up through menus.
- ⑥  Down, press to navigate down through menus.

Slave Module




Key Features - Slave Module

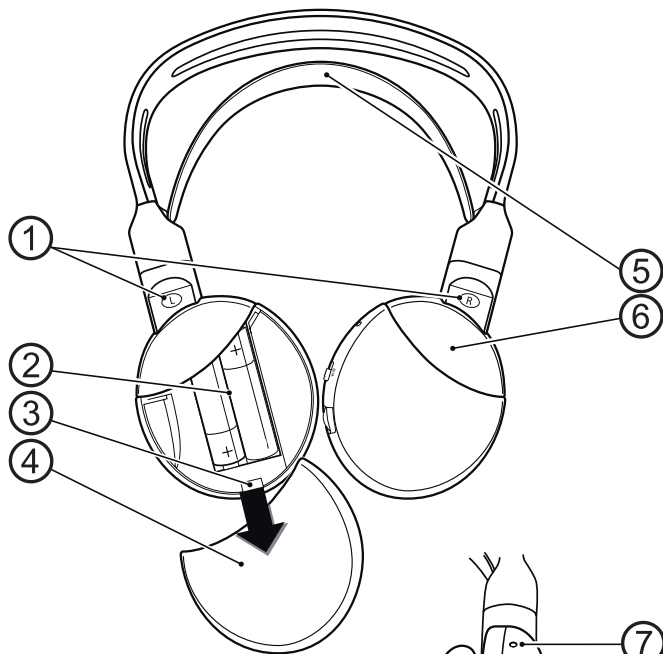
Features

- ① TFT Screen
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- ⑨ Headphones Jack - (Green)

Buttons

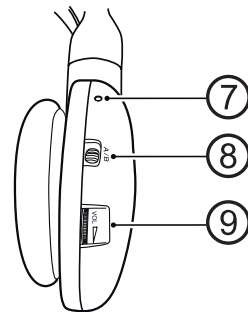
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Infra-Red Headphones

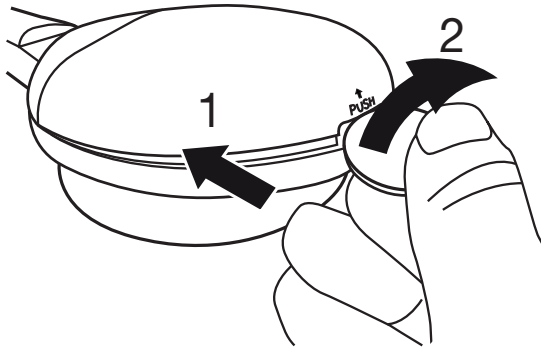


- ① Left/Right Ear Indication
- ② Batteries (2 x AAA)
- ③ Battery Cover Removal Slot
- ④ Battery Cover
- ⑤ Adjustable Headband

- ⑥ Infra-Red Signal Receivers
- ⑦ Status LED
- ⑧ Audio Channel Switch (A or B)
- ⑨ Volume Adjustment Wheel

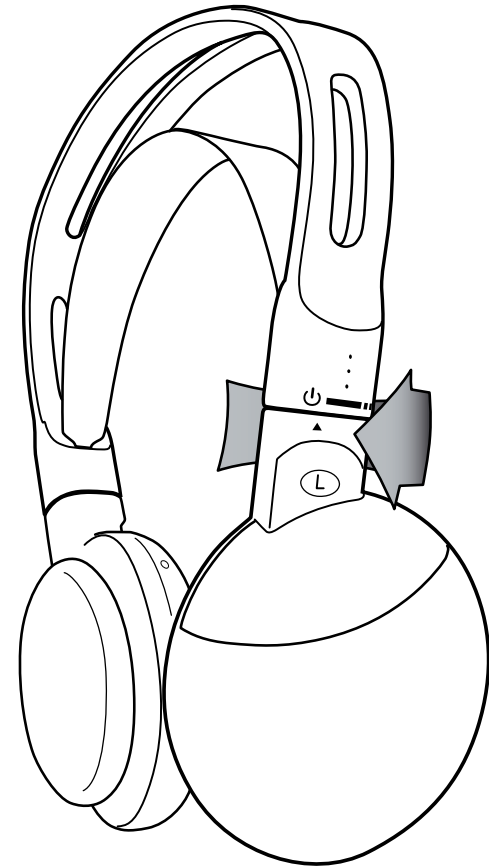


Headphones Operation



▲ To replace the batteries, (1) insert a small coin into the slot on the left hand earphone and (2) twist to expose the batteries.

The wireless headphones turn on automatically when the ear pads are rotated for use. The status LED illuminates to indicate that they are on. ►



Remote Control - Button Functions

Power

Press to switch Module on / off

Input

Will select the next input available

Setup

Activates the OSD controls for language, sound settings, etc

Dimmer

Press and repeat to reduce the brightness of the Module

Mode

Press during media playback to cycle the repeat options

Rewind

Fast backward search of video / media
Repeat to increase speed; x2, x4, x8,
x16, x32

Navigate Up

Scroll up through menus

Forward

Fast forward search of video / media
Repeat to increase speed; x2, x4, x8,
x16, x32

Navigate Left

Scroll left through menus

Enter

To select highlighted menu option

Navigate Right

Scroll right through menus

Previous

Skip back to beginning of a scene or the last track

Navigate Down

Scroll down through menus

**Next**

Skip to next track / chapter / scene

**Title**

Navigate to the title or root menu

**Play / Pause**

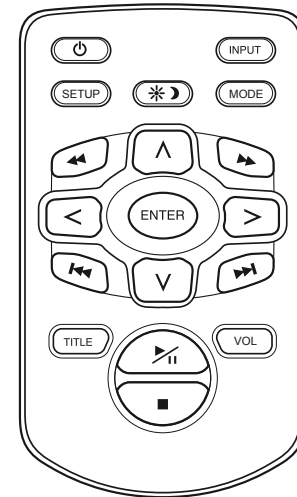
Play and pause selected media
Will mute audio on Slave Module

**Volume**

Press to display volume level, use left and right arrow keys to adjust

**Stop**

Press to stop media playback (The Module will remember the last position played unless stop is pressed for a second time)

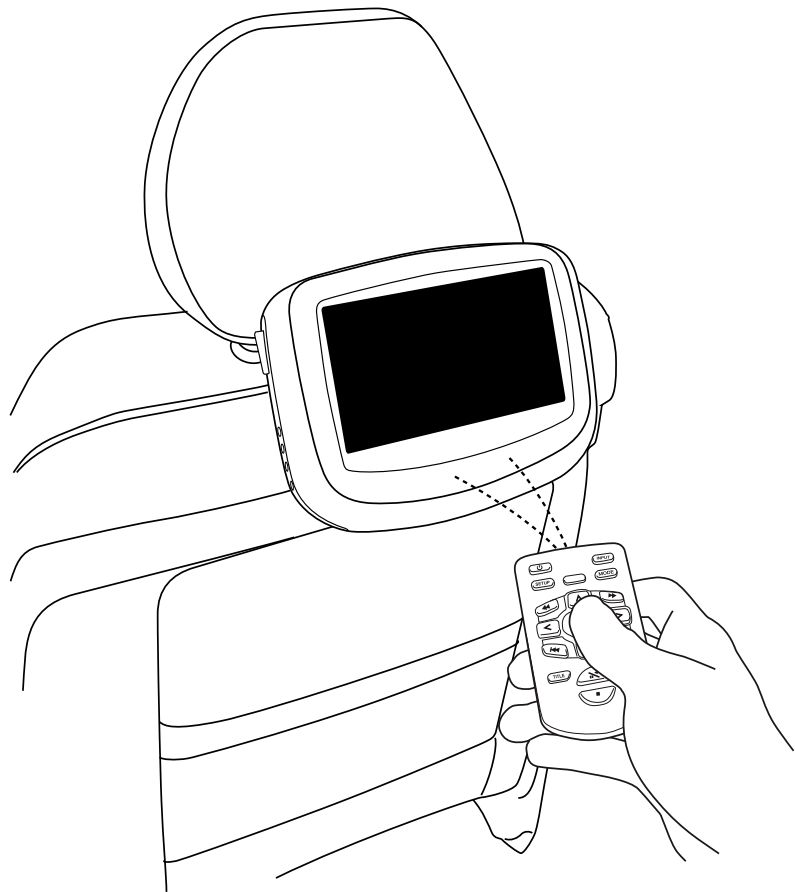


Remote Control Operation

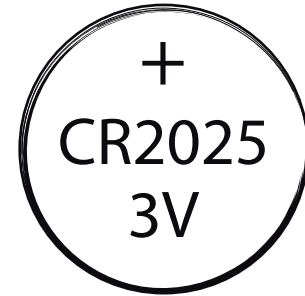
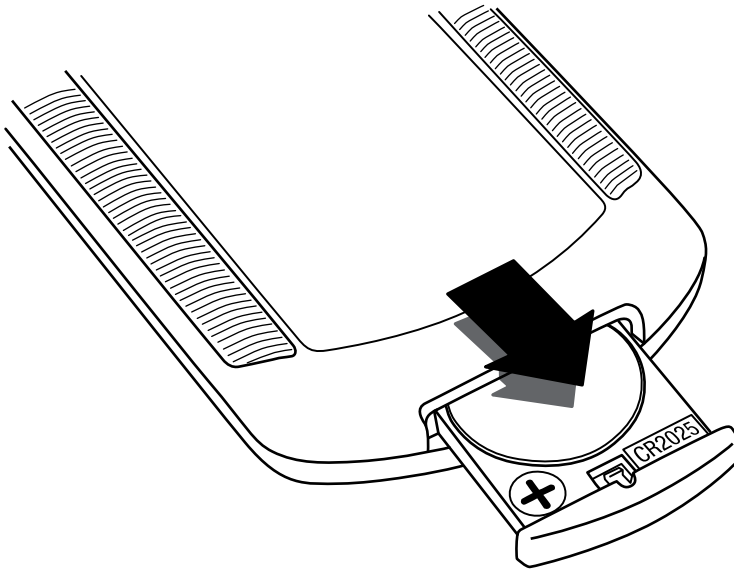
Point the remote control towards the Module, the Infra-Red sensor is located just below the centre of the screen.

The remote control will perform best when directly in front of the Module. The range is approximately 4 meters.

The remote will not operate the DVD through the Slave Module. DVD, USB and SD functions can only be controlled through the Master Module.



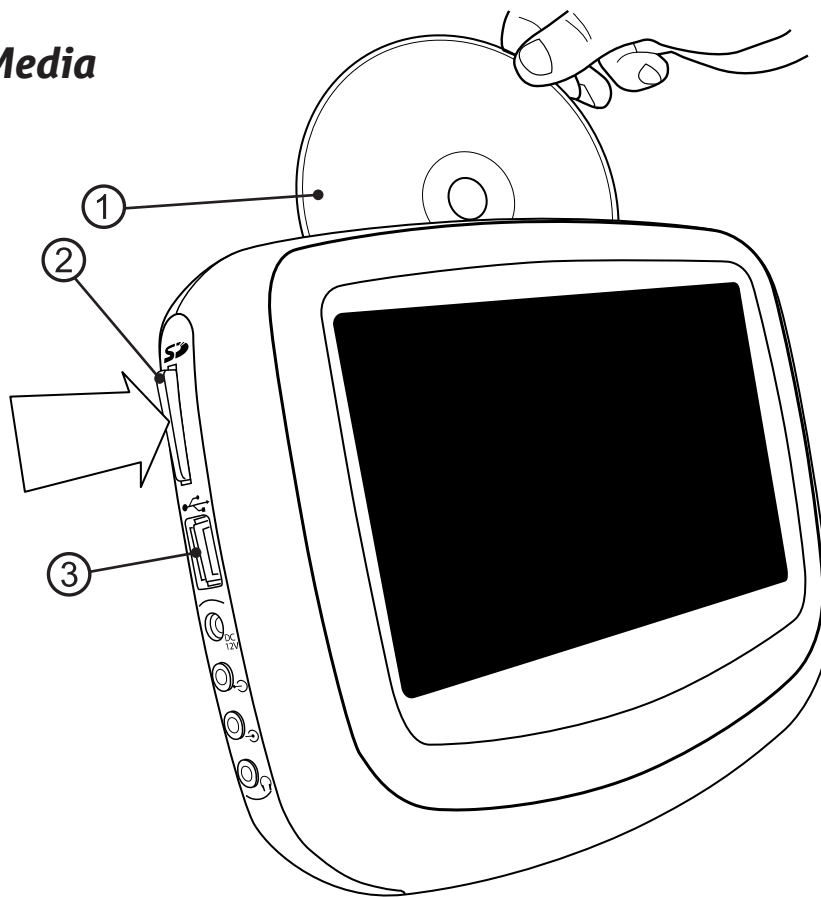
Replacing the Battery



Slide the battery tray from the body of the remote to access the battery.

Battery type: CR2025

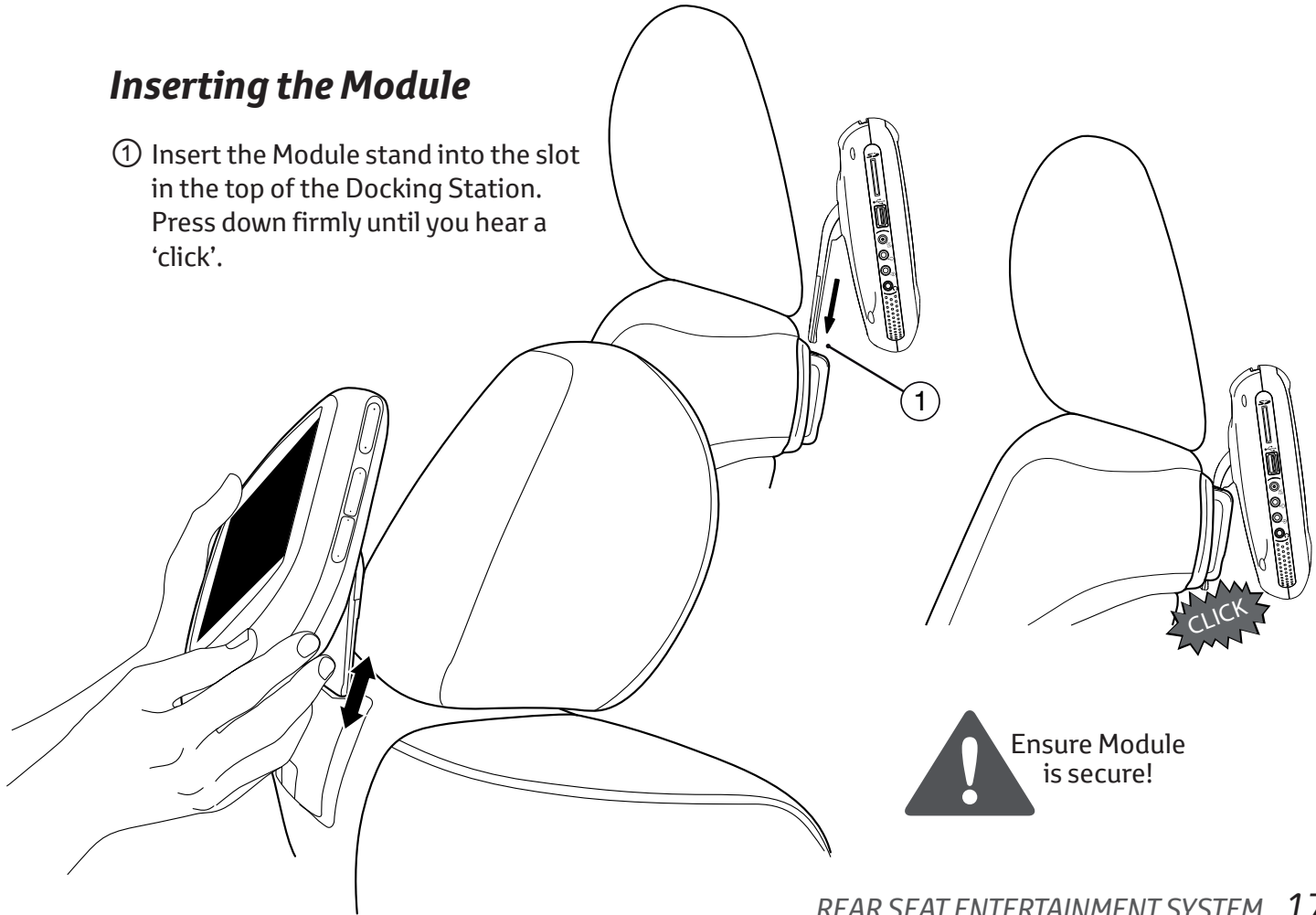
How to Use - Loading Media



- ① DVD Slot - ensure label is facing front
- ② SD Card Slot
- ③ USB Slot

Inserting the Module

- ① Insert the Module stand into the slot in the top of the Docking Station. Press down firmly until you hear a 'click'.



Ensure Module
is secure!

Removing the Module

To remove the Module, simply press the button ① on the lower portion of the Docking Station and lift the Module up and out of the Docking Station.

The electrical connection between the Module and vehicle will be broken when the Module is removed.

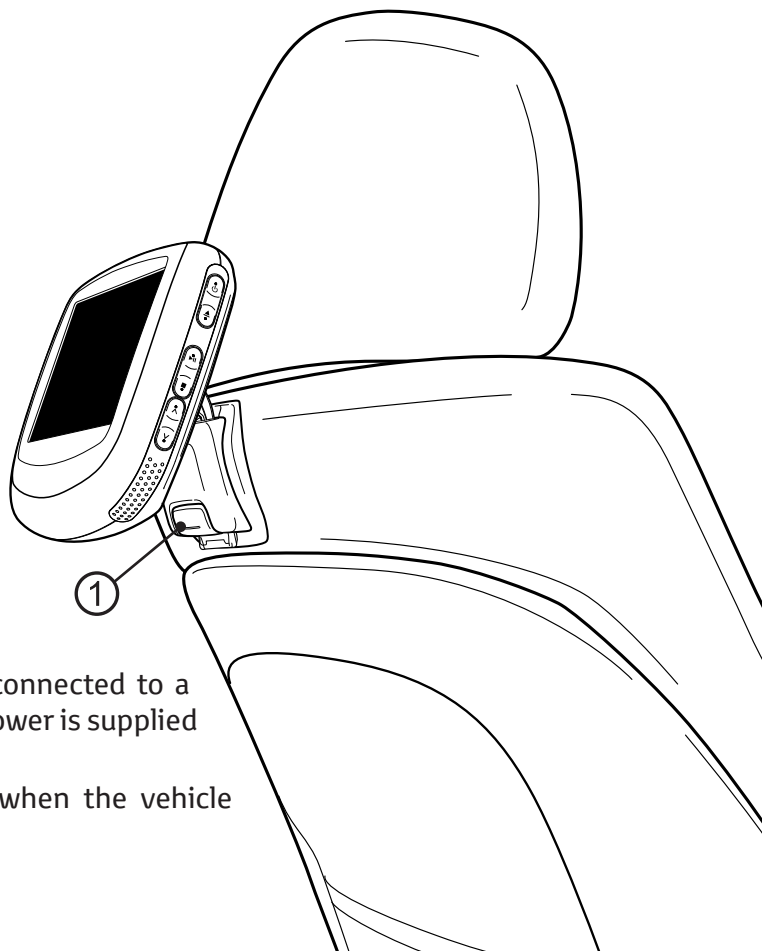


Modules must be removed for security when not in use

Power Supply

For the Module to be used it must first be connected to a power supply. When used in the vehicle the power is supplied through the Docking Station on the seat back.

- Power is only supplied through the seat when the vehicle ignition is switched on.

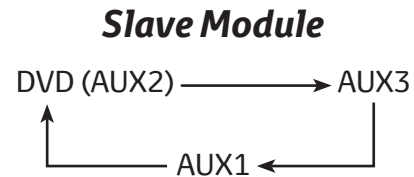
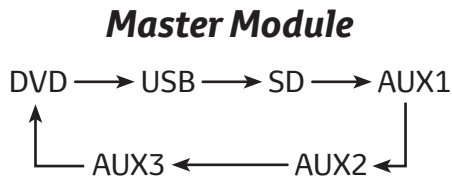


Input Selection

The system is designed to automatically select the media source when it is connected / inserted (I.e. the DVD will be automatically shown when a disc is inserted). However, if there are multiple sources connected and the user wishes to switch between inputs this can be done manually. Use either the power button on the Module (short presses) or the input button on the remote control to cycle through the inputs.

Available Input Sources:

- DVD – Input from a loaded disc (Master Module only)
- USB or SD – Input from a USB source or a SD card (Master Module only)
- AUX 1 – Input from Socket on side of Module
- AUX 2 – Input from second Docking Station (default input for Slave Module to view the media being watched on the Master Module)
- AUX 3 – Input from Vehicle Source or second Docking Station



Warning Messages

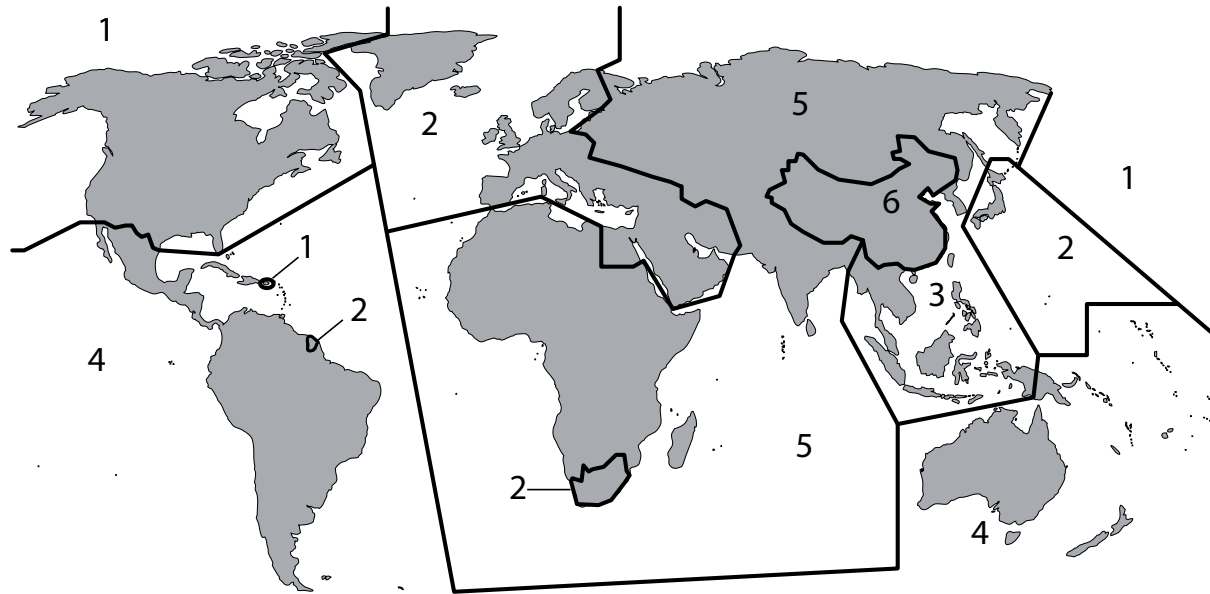
If the Module is unable to perform an operation such as reading a disc, a message will appear in the top left corner. Please see list below for descriptions of messages:

	<i>Error Message</i>	<i>When</i>
1	<i>UNKNOWN DISC</i>	<i>When disc cannot be read after loading disc</i>
2	<i>TRAY ERROR</i>	<i>When inserting and ejecting the disc does not work properly</i>
3	<i>WRONG REGION</i>	<i>When region code of disc does not match Module</i>
4	<i>PARENTAL VIOLATION</i>	<i>DVD does not match parental lock</i>
5	<i>HIGH TEMPERATURE</i>	<i>When internal temperature of Module is too high. *</i>

* Screen brightness will dim if temperature is too high. The screen will return to full brightness when a reasonable temperature is reached.

DVD Region Code

The region code is stored on the Master Module. This code cannot be changed. Only DVD discs with the appropriate region code can be played.




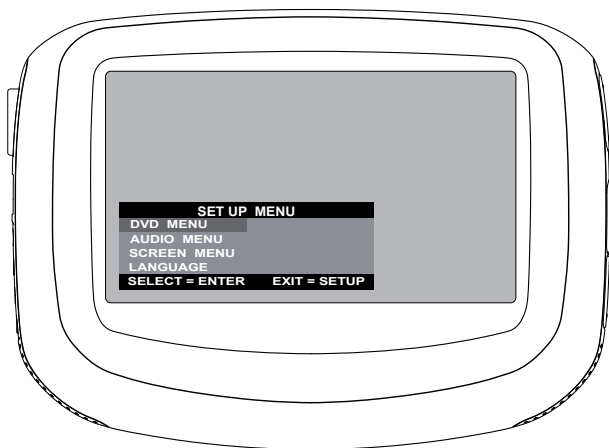
Region 1: Canada and USA
 Region 2: Europe, Japan, Middle East and South Africa
 Region 3: South East Asia
 Region 4: Australia and South America

Region 5: Africa, Russia, Eastern Europe and rest of Asia
 Region 6: China
 Region 7: Reserved
 Region 8: Aircraft and Ships

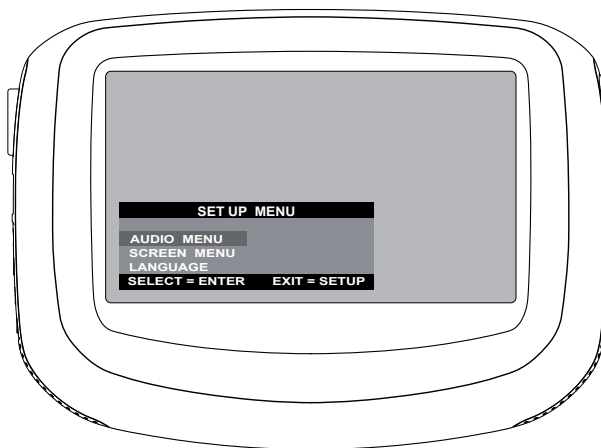
Menus and On Screen Displays (OSD)

Setup Menu

The setup menu can be accessed by pressing the SETUP  button on the remote control. From here the arrow and enter buttons are used to navigate through the menus.



Setup menu for Master Module



Setup menu for Slave Module

DVD Menu

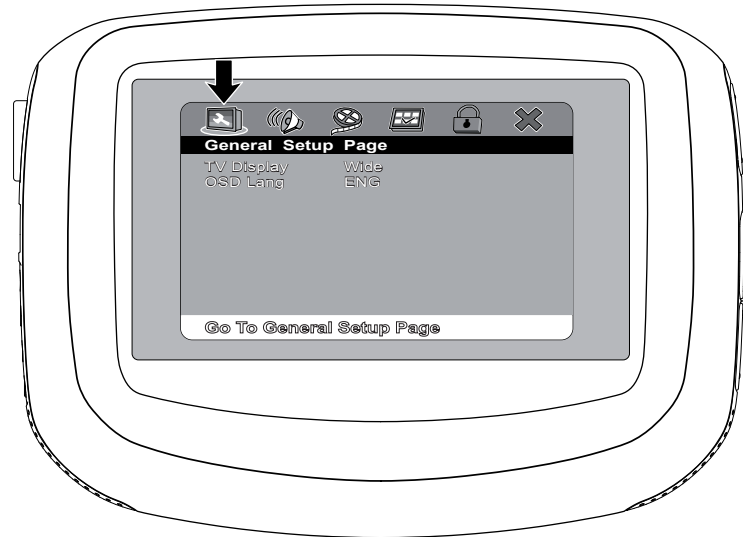
General setup page: for setting up the TV display and operating language.

TV Display:

Normal P/S (Pan Scan)
Normal L/B (Letter Box)
Wide

OSD Languages:

English
Chinese
French
German
Italian
Spanish
Portuguese
Dutch
Russian
Japanese
Polish
Swedish

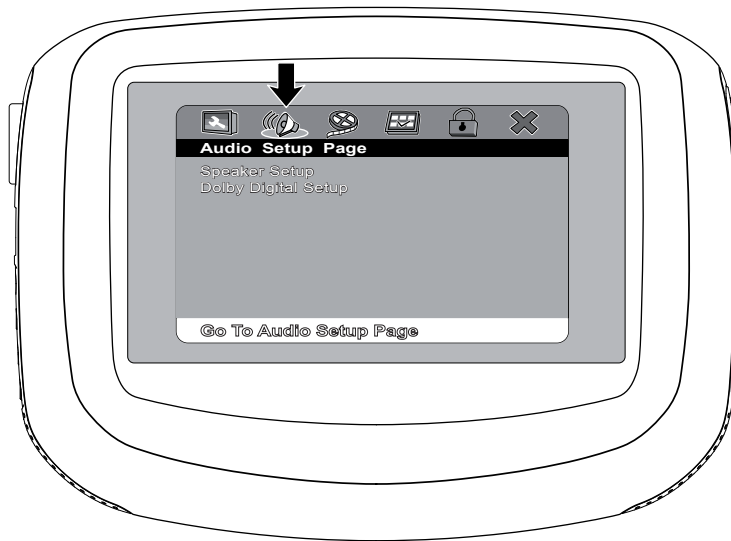


Audio Setup

Audio Setup Page: To allow setup of stereo and dolby digital features.

Speaker Setup: LT/RT, Stereo

Dolby Digital Setup: Dual mono, stereo, L-mono, R-mono, mix-mono, dynamic (adjust off-full)



Volume Control

The volume through both wireless and wired headphones can be controlled as follows:

Press  to bring up the volume bar, adjust the level using the  or  buttons.

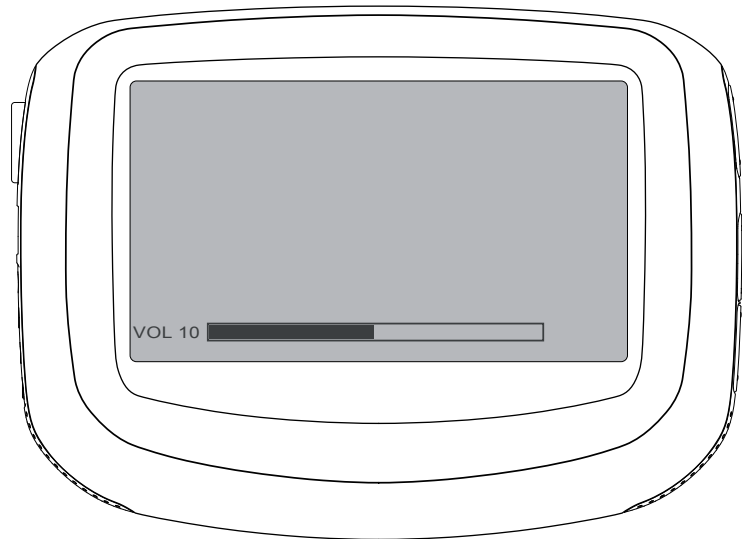
The volume through the wireless headphones can be further adjusted by using the thumb wheel on the right headphone.

Note: for better audio quality, adjust the volume on the remote higher and the volume on the headphone lower.



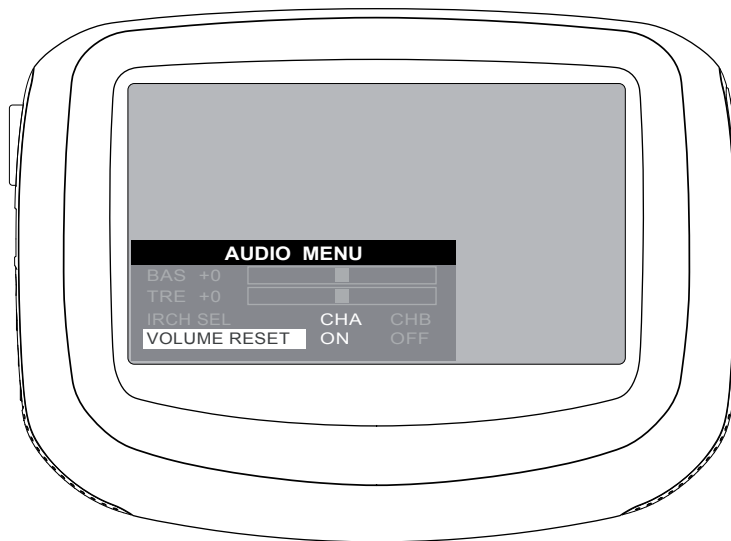
WARNING: Using headphones at a high volume can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure for less than a minute. Higher decibel ranges are offered for those that may have already experience hearing loss.

Excessive sound pressure from headphones can cause hearing loss.



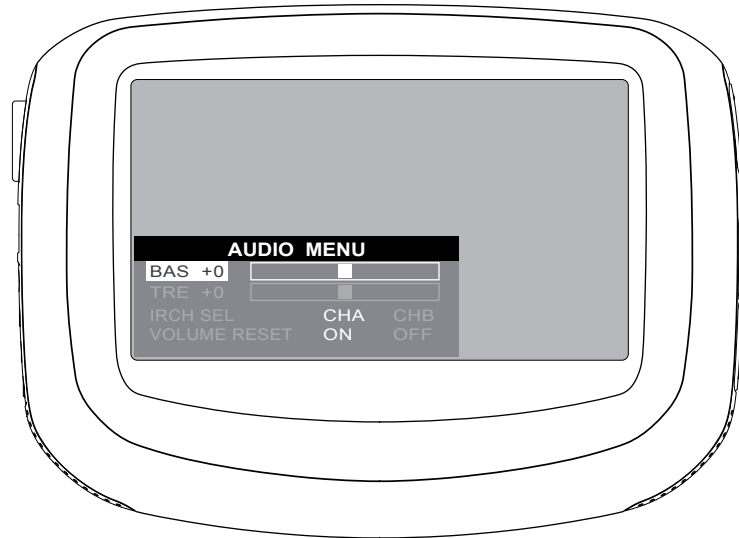
Volume Auto Reset

Each time the system is switched off the volume will reset to a safe middle level. This function can be disabled through the setup menu below:



Tone Control

The Bass and Treble levels can be adjusted.

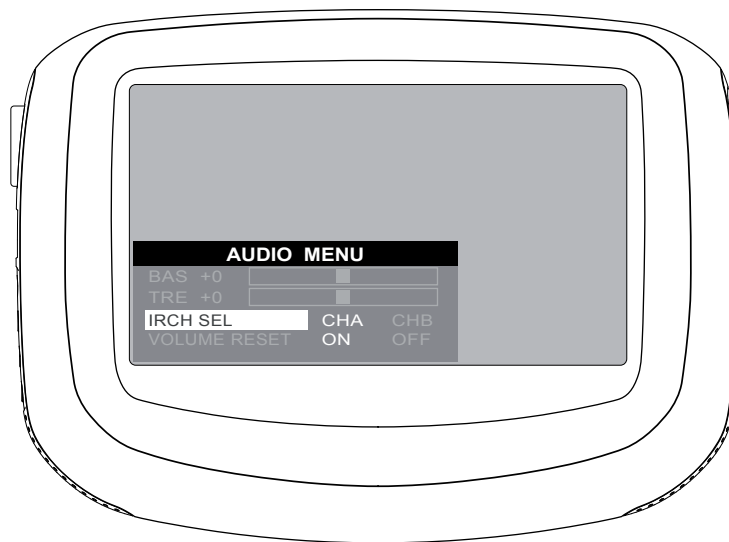


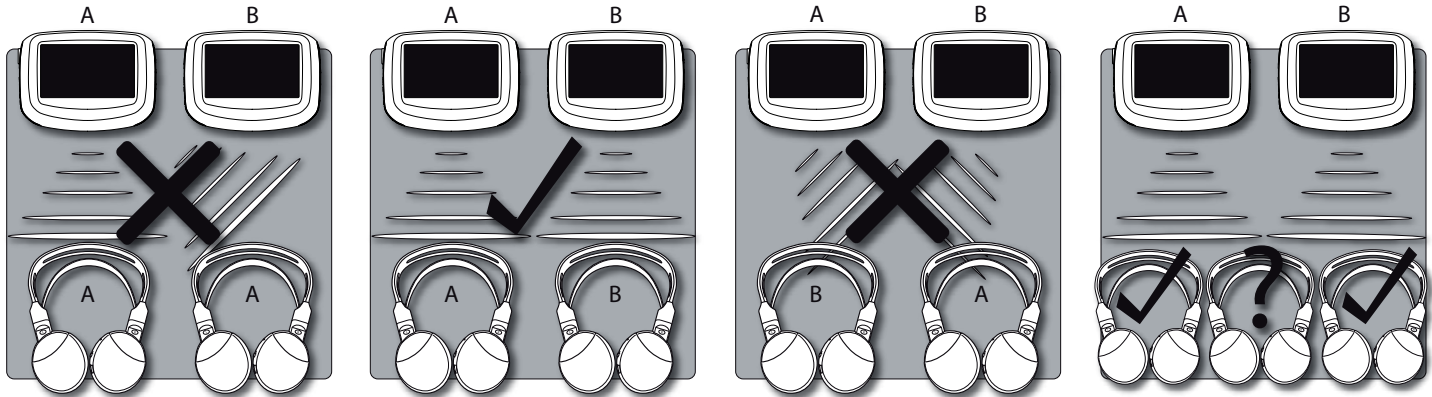
Dual Channel Function

The Infra-Red (IR) transmitters/receivers on the Module and headphones are able to work on two different frequencies (channels) to enable two users to play and listen to different media without interference to the audio. To change the change the channel on any unit:



The headphones should be switched to the same channel as the Module. See Infra-Red Headphones page 10.





Important

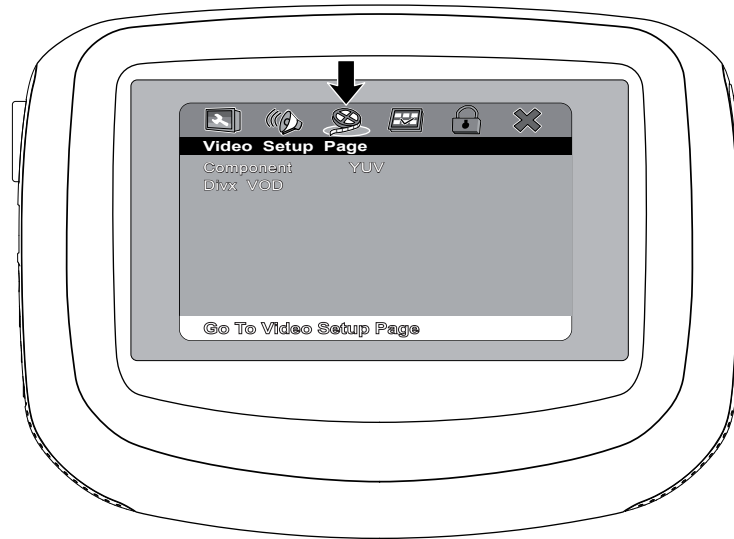
If there are two Modules in use then they must be set to different IR channels. If they are set to the same channel it is possible for audio interference to occur.

If a third headphone is used in between the other headphones a reduced sound performance can be expected.

Video Setup


Video Setup Page:

Component: set YUV (no option)







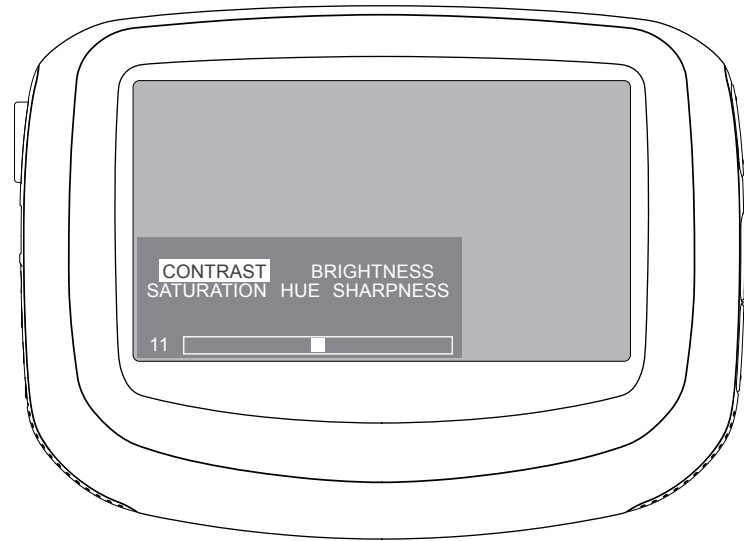
Picture Settings

To adjust the picture setting:


- 1 SETUP 
- 2 SCREEN MENU

CONTRAST, BRIGHTNESS,
SATURATION, HUE or SHARPNESS

- 3  or  to change
- 4 SETUP (x2) to exit 

Dimmer Function

If the screen is being viewed in dark conditions such as in a car at night, the picture may appear too bright. The picture brightness can be quickly adjusted to a more comfortable level using the dimmer button on the remote control. 

There are 5 levels of brightness to cycle through.

Preferences Menu

Preference page:

TV type: NTSC, PAL or Auto

PBC: ON (Play back control within DivX)

Audio: Language, choose between

English	Japanese
French	Korean
Spanish	Russian
Chinese	Thai

Subtitle: To select subtitle language on disc*

English	Japanese
French	Korean
Spanish	Russian
Chinese	Thai
OFF	

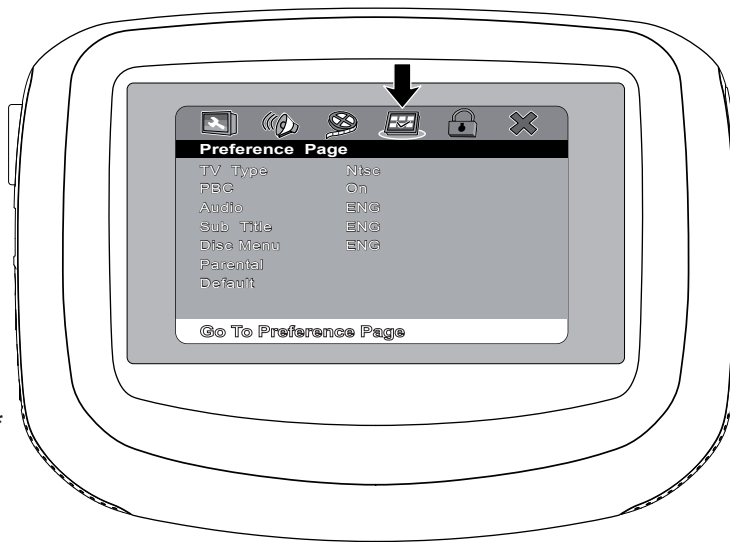
Disc Menu: Select menu language on the disc*

English	Japanese
French	Korean
Spanish	Russian
Chinese	Thai
OFF	

Parental: See section on page 34

Default: reset all settings to default

* If supported by disc

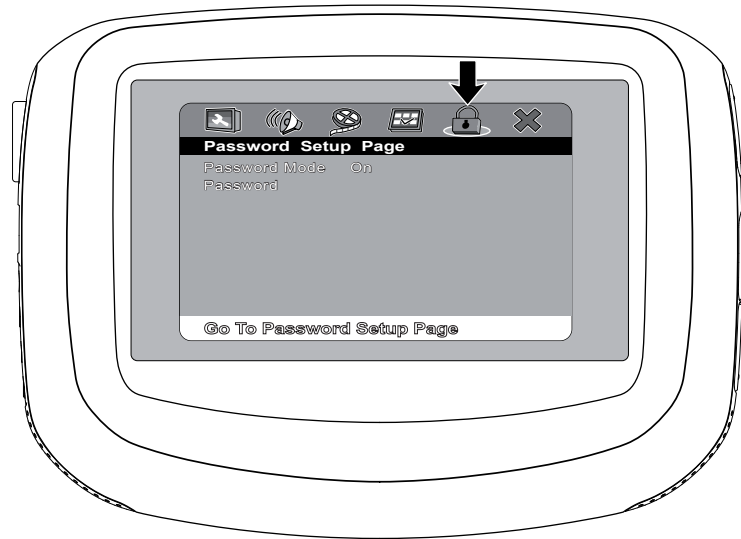


Password Setup

Password setup page:

Password Mode: Use to turn the password mode on or off.

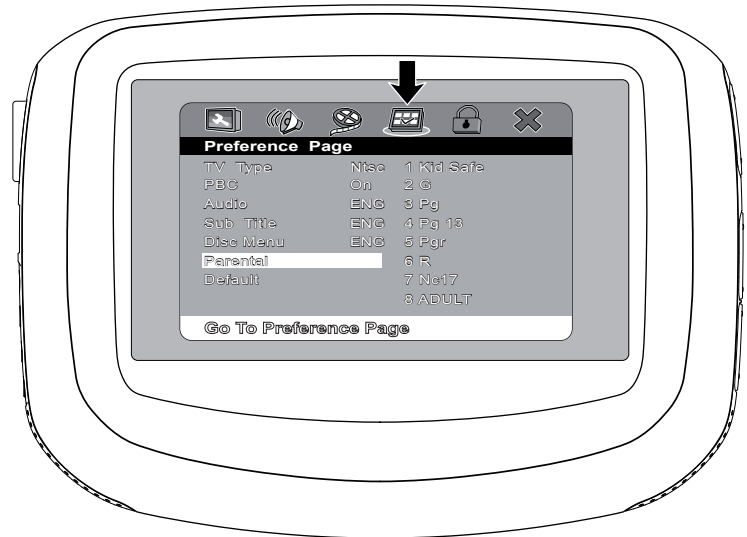
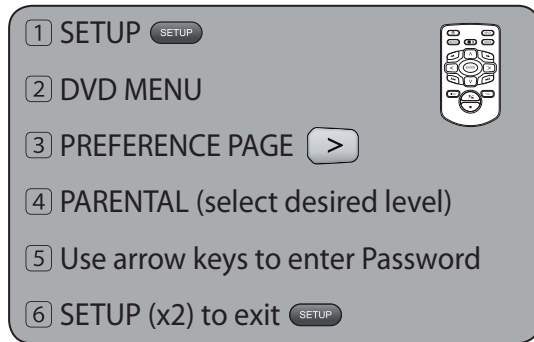
Password: Use to change the password. Enter old password first then enter new password and confirm.



Parental Control

The Master Module can be set to restrict the content of the DVD being played, Parental Control can only be set when there is no disc loaded in the system. The password when first supplied is 0000.




NOTE: Not all DVDs support Parental Control setting.

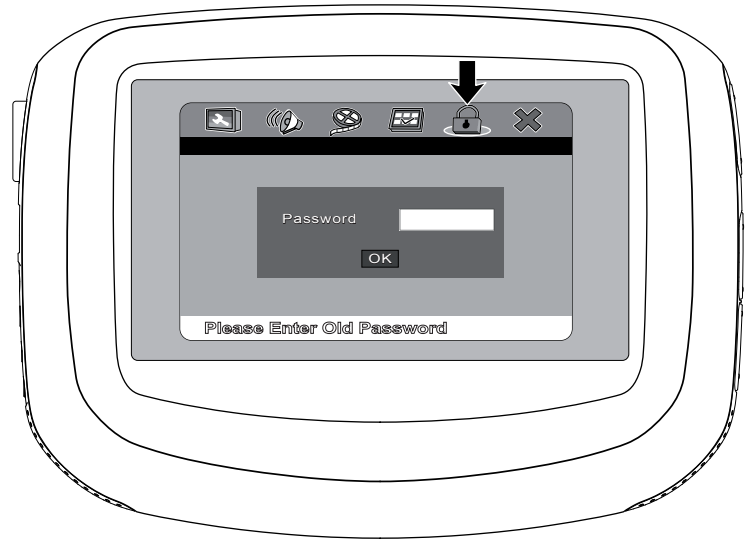


Kid Safe:	Supported
G:	General Audiences – All ages
PG:	Parental Guidance Suggested
PG 13:	Parents Strongly Cautioned
PGR:	Parental Guidance – Discretion
R:	Restricted – Under 17 requires Accompanying parent or adult
NC17:	No one under 17
ADULT:	18 years of age or older



Change Password

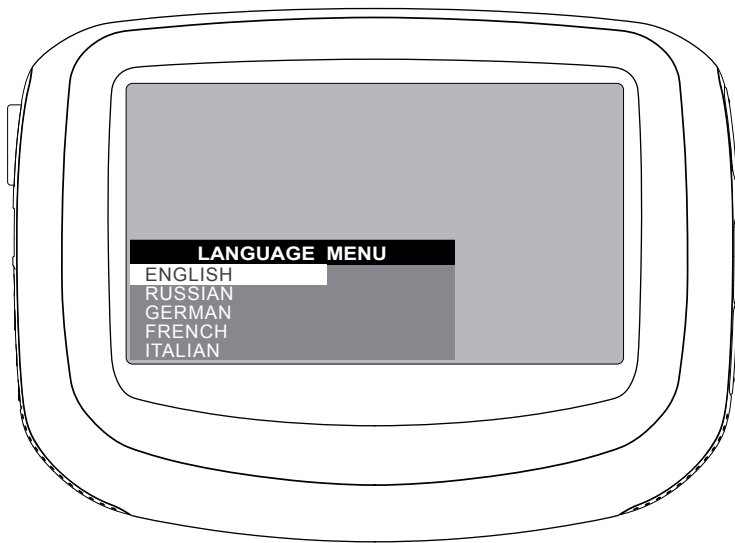
The password can be changed from the default (0000).

- 1 SETUP 
- 2 DVD MENU 
- 3 PASSWORD SETUP PAGE
- 4 PASSWORD
- 5 CHANGE – Use arrow keys to enter Password
- 6 SETUP (x2) to exit 



Language Setup

- 1 SETUP 
 - 2 LANGUAGE
 - 3 Choose required language
- 



Technical Information



Supported Discs (Master Module only)

DVD: DVD Video, DVD Audio, DVD R/RW, DVD +R/RW. Read rate x2 (1.5 to 2.2 x reference speed), 8cm & 12cm discs.

CD: CD Audio, Video CD (VCD), Super Video CD, (SVCD), CD-R/RW. Read rate 4 x (4 to 7 x reference rate), HDCD

Additional File Formats Supported

Audio: MP3, WMA, Supports ID3 TAG
MP3 playback recorded in CD and DVD
Recordable/ Rewriteable discs

Folder depth: 5, No. of File at Each folder: 200,
Total

Folder Limit: 200, Total files: 4,000

Multi-sessions: 43. (Supportive MP3 file system
structure is subject to change for improvements)

Picture: JPEG, Kodak Picture CD

Video: MPEG4/DivX ASP (DivX 3.11, 4.x, 5.x,
DivX Pro)

MPEG4 Related Specifications

Resolution: DivX Home theatre Profile (not
exceeding 720x576)

All DivX 3.11 movies on 1 CD, anything under
1Mbps average bitrate.

All DivX 4 content.

DivX 5 content with no GMC and no Q-pel.

DivX video created on a DivX Certified encoding
device

AC3 and MP3 audio in DivX video both CBR and
VBR

DivX 3.11 moves on 2 CDs (high bitrates)

Xvid content

Max frame size	720 x 576
Max frame rate (mpeg 1, mpeg 2)	720 x 480 , 30 frame. (NTSC) 720 x 576 , 25 frame. (PAL)
Max CD disc bitrate (mpeg 1, mpeg 2)	Supported up to 7Mbps
Max USB bitrate (mpeg 1, mpeg 2)	Supported up to 2.5Mbps
Max DVD disc bitrate (mpeg 1, mpeg 2)	> 10Mbps
Max CD disc bitrate (DivX)	Supported up to 6000kbps
Max USB bitrate (DivX)	Supported up to 3000kbps
Max DVD disc bitrate (DivX)	Supported up to 6000kbps
File extensions recognised	*.MP2, *.ASF (only audio file can be played), *.DAT, *.DivX, *.AVI, *.JPEG, *.JPG, *.M1V, *.M2V, *.MP3, *.MPE, *.MPEG, *.MPG, *.VOB, *.WMA
Max number of folders	200
Max Folder depth	Disc : >70 USB: 22
Max number of files in root – or sub-folder	648

USB and SD Card (Master Module only)

Supports USB 1.1 and USB 2.0 (full speed)*

Supports SD and SDHC

Note: Not all forms of writable, re-writable and USB media can be confirmed as 100% compatible as a result of the wide variability of media and writing equipment.

TFT Screen – 7 inch – Resolution 480 x 234 (WQVGA)

Operating Temperature

-30 to +70 degrees C (picture & sound quality may be impaired at extreme temperatures. Some noise may be heard and functionality affected).

Socket Details



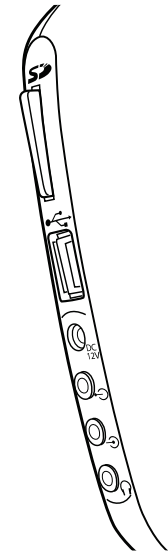
SD card Slot – Push-push type



USB Socket – Type A



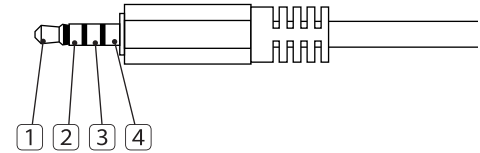
Power socket (black) – DC power socket 1.7mm I/D x 4.0 O/D
Power requirement – 12V DC 3A





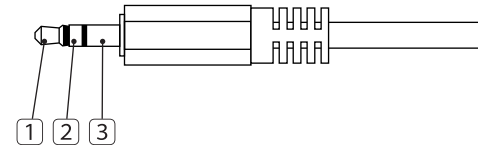
Auxiliary Out (Yellow) and Auxiliary In (Black)

Socket Type	-	4 Pole 3.5mm MiniJack
Audio	-	2V RMS
Video	-	Composite 1VSS
Connectivity	-	<ol style="list-style-type: none"> ① Left Audio ② Right Audio ③ Ground ④ Video



Headphones Socket

Sockets Type	-	3 Pole 3.5mm MiniJack
Audio	-	2V RMS
Connectivity	-	<ol style="list-style-type: none"> ① Left Audio ② Right Audio ③ Ground



Menu Tree

Setup

DVD Menu

General setup page

TV display
Normal P/S
Normal L/B
Wide

OSD Lang (Choice of 14 Languages)

Audio Setup Page

Speaker Setup
LT/RT
Stereo
Dolby Digital Setup
Dual Mono
Stereo
L-Mono
R-Mono
Mix-Mono
Dynamic (Adjust; Off – Full)

Video Setup Page

Component (Set to YUV)
DivX VOD

Password Setup Page

Password Mode (On / Off)
Password (Select to change password)

Exit

Audio Menu

Bass
Treble
IRCH (Infrared Channel A or B)
Volume Reset (On / Off)

Screen Menu

Contrast
Brightness
Saturation
Hue
Sharpness

DVD playback

Pwr
Input – Switch between DVD, USB, SD
Setup (see menu items)
Dimmer (repeat press for brightness)
Mode
Repeat Chapter
Repeat Title
Repeat All
Rewind (x2, x4, x8, x16, x32, Play)
Fast forward (x2, x4, x8, x16, x32, Play)
Next chapter
Previous chapter
Title
Volume
Play / Pause
Stop

USB and SD playback for movies

Pwr
 Up/Down/Left/Right (Browse folder for files to play)
 Enter (Select movie)
 Input – Switch between DVD and USB
 Setup (see menu items)
 Dimmer (repeat press for brightness)
 Mode
 Repeat One
 Repeat All
 Repeat Off
 Rewind (x2, x4, x8, x16, x32, Play)
 Fast forward (x2, x4, x8, x16, x32, Play)
 Next chapter
 Previous chapter
 Title
 Volume
 Play / Pause
 Stop

USB and SD playback for music

Pwr
 Up/Down/Left/Right (Browse folder for files to play)
 Enter (Select track)
 Input – Switch between DVD and USB
 Setup (see menu items)
 Dimmer (repeat press for brightness)

Mode
 Folder (Play folder only)
 Repeat Folder
 Repeat One
 Rewind (x2, x4, x8, x16, x32, Play)
 Fast forward (x2, x4, x8, x16, x32, Play)
 Next chapter (Next song track)
 Previous chapter (Previous song track)
 Volume
 Play / Pause
 Stop

USB and SD playback for pictures

Pwr
 Up/Down/Left/Right (Browse folder for pictures to display & rotate view)
 Enter (Select picture)
 Input – Switch between DVD and USB
 Setup (see menu items)
 Dimmer (repeat press for brightness)
 Mode (slideshow)
 Folder (show only one picture)
 Repeat Folder
 Repeat One
 Next chapter (Next Picture)
 Previous chapter (Previous Picture)
 Volume
 Play / Pause
 Stop

Troubleshooting

Problem	Possible Solutions
Module does not switch on (the red LEDs can not be seen below the screen)	Check that Module is fully engaged in Docking Station Vehicle ignition not switched on Vehicle battery level low External power supply faulty (contact dealer) Fuse in vehicle harness blown (contact dealer)
No sound can be heard or sound is of poor quality	Check Module volume setting Check headphone volume setting Check headphone batteries Check that Module is fully engaged in Docking Station Headphones / Module set to wrong audio channel User is too far from Module Wired headphones inserted in wrong socket Interference from external source e.g. Bright Sunlight Two adjacent Modules set to same channel (Must be set to different channels) Plug on user headphones is damaged Disc damaged or poorly recorded Headphones on back to front

Picture cannot be seen or is of poor quality	Check that correct input is selected on Module Check that Module is fully engaged in Docking Station Check that dimmer function on remote is not activated Disc or file type is not compatible Disc damaged or poorly recorded Interference from external source e.g. Bright Sunlight Picture settings changed by previous user, reset defaults Disc is dirty, clean disc Screen angle is poorly adjusted
Remote control does not work	Batteries in remote control running low User too far from Module
Module does not switch on/ Module image or audio becomes frozen	Remove Module from docking station for 5-10 seconds and then re-insert Module
Module becomes noticeably hot during use	The Module will become hot during use, this is normal and the Module will function normally
Slave Module volume is lower than normal	When watching DVD on both Master & Slave Module, if Master Module volume is reduced to "0" there will be a reduction in volume on the Slave Module. Please ensure volume on Master Module is always kept between 1 and 20.

If a problem or solution does not appear on this list please contact your dealer.

Product Care and Caution

Only use clean undamaged discs.

The DVD player is a class 1 laser product. The laser beam is harmful to the eyes. Never attempt to dismantle the housing protecting the Module.

Keep away from sources of radiation. (This includes LCDs, radios, mobile phones, VCR appliances.)

Avoid dropping or excessive shocks.

Keep all parts of the system free of dust, dirt, oil, hand cream and other substances (e.g. Suntanlotion, cosmetics etc).

Keep all parts of the system dry and avoid humid environments.

Never insert foreign objects into the Docking Station or the disc loading slot.

Care must be taken when handling the Module as some discolouration may occur due to reactions between the surfaces of the Module and certain substances.

When driving over extremely poor road surfaces, the system may momentarily experience sound skip and display interference.

If rear seat passengers wish to play on a game console, please follow the appropriate safety and user instructions for the game console. NOTE: Not all games consoles are compatible.

Please take care when reclining the front seat that the Module does not interfere with the rear seats.

If you have any problems or wish to enquire about the availability of spare parts, please contact your local dealer.



Disposal

Disposal of old electrical & electronic equipment

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste.

Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the dealership where you purchased the product.

