XDVD8183

INSTALLATION/OWNER'S MANUAL

DVD Multimedia Receiver with 7" Touch Screen Display

Safety Notes:

The DVD video display of the in-dash unit will not operate while the vehicle is moving. This is a safety feature to prevent driver distraction. In-dash DVD video functions will only operate when vehicle is in Park and the parking brake is engaged. It is illegal in most states for the driver to view video while the vehicle is in motion.

Download from Www.Somanuals.com. All Manuals Search And Download.

Copyright Notes

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.

Manufactured under license from Dolby Laboratories. “Dolby” and the double-D symbol are trademarks of Dolby Laboratories.

Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and or other countries.

iPod is a trademark of Apple Computer, Inc., registered in the U.S. and other countries.

The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Collex is under license.

All other trademarks are property of their respective owners.

Download from Www.Somanuals.com. All Manuals Search And Download.

Table of Contents

	Page
DVD Region Management	2
Warning Statement	3
Safety Information/Precautions	4
Preparation/Mounting/Wiring	5-7
Remote Control Overview	8
Control Locations - Monitor Closed	9-10
Control Locations - Monitor Open	11-12
Control Locations - Remote	13-14
General Operation	15-20
General Setup Menu	21-22
Setting the Clock	23
Anti-theft Code	24
Screen Setup	25-28
AM/FM Tuner Operation	29-32
Warning Statement	33
DVD Operation	34-42
DVD Setup	43-49
CD Operation	50-54
MP3/WMA Operation	55-58
Media Compatibility Information	59-60
iPod Operation	61-66
Bluetooth Operation	67-70
Warranty	71
Troubleshooting	72-73
Specifications	74

DVD Region Management

Some DVD discs can be played only in certain playback modes according to the intentions of the software. As the XDVD8183 plays discs according to their intentions, some functions may not work as intended. Please be sure to read the instructions provided with each disc. This player has been designed to play back DVD software that has been encoded for specific region areas. It cannot play back DVD software encoded for other region areas than the region areas for which it has been designed.

The XDVD8183 will play discs labeled “Region 1” or “All”.

DVD region codes:

1 - USA, Canada
2 - Japan, Europe, South Africa, Middle East
3 - Rep. of Korea, Taiwan, Hong Kong, Parts of Southeast Asia
4 - Australia, New Zealand, Mexico, South America
5 - Eastern Europe, Russia, India, Africa
6 - China

Download from Www.Somanuals.com. All Manuals Search And Download.

⚠ WARNING ⚠

Upon installation of this Monitor/DVD player ("unit") into a vehicle, the driver of the vehicle must not operate this unit by watching videos or playing video games while driving. Failure to follow this instruction could lead to driver distraction which could result in serious injury or death to the vehicle's occupants or persons outside the vehicle and/or property damage.

Several states prohibit the installation of monitors/DVD players if the screen is visible from the driver's seat. If you reside in a jurisdiction which has enacted such a law, this unit must not be installed so that the screen is visible from the driver's seat. When installing this unit in the front console/dashboard, the unit must be positioned so that it is facing the front passenger seat only. Failure to follow this instruction could lead to driver distraction which could result in serious injury or death to the vehicle's occupants or persons outside the vehicle and/or property damage.

This unit is designed so that it may be operated only when the vehicle is in "Park" and the parking brake is fully engaged. To this end, this unit includes a parking brake lock-out feature which prohibits the unit from operating if the vehicle is not in "Park" and/or the parking brake is not fully engaged. When installing this unit, the installer must connect the parking brake detect wire ("Yellow-Blue Lead") to the parking brake mechanism in order to make the parking brake lock-out feature operable. DO NOT simply ground the parking brake detect wire to a metal portion of the vehicle. Failure to properly install the parking brake lock-out feature could lead to driver distraction which could result in serious injury or death to the driver's occupants or persons outside the vehicle and/or property damage.

Once the parking brake lock-out feature is installed, the owner/user must not attempt to disrupt/neutralize the parking brake lock-out feature by (a) partially engaging the parking brake and/or (b) purchasing/using any device or unit designed to send necessary brake signals to the unit. Failure to follow these instructions could lead to driver distraction which could result in serious injury or death to the driver's occupants or persons outside the vehicle and/or property damage.

When operating this unit, keep the unit's volume level low enough so that the vehicle's occupants can hear traffic-related sounds such as police and emergency vehicles. Failure to follow this instruction could lead to driver distraction which could result in serious injury or death to the vehicle's occupants or persons outside the vehicle and/or property damage.

Download from Www.Somanuals.com. All Manuals Search And Download.

⚠ Safety Information

Please read all instructions carefully before attempting to install or operate.

Due to its technical nature, it is highly recommended that your DUAL XDVD8183 is installed by a professional installer or an authorized dealer. This product is only for use in vehicles with 12VDC negative ground only.

Safety Notes:

The DVD video display of the in-dash unit will not operate while the vehicle is moving. This is a safety feature to prevent driver distraction. In-dash DVD video functions will only operate when vehicle is in Park and the parking brake is engaged. It is illegal in most states for the driver to view video while the vehicle is in motion.

To prevent damage or injury:

1. Make sure to ground the unit securely to the vehicle chassis ground.
2. Do not remove the top or bottom covers of the unit.
3. Do not install the unit in a spot exposed to direct sunlight or excessive heat or the possibility of water splashing.
4. Do not subject the unit to excessive shock.
5. When replacing a fuse, only use a new one with the prescribed rating. Using a fuse with the wrong rating may cause the unit to malfunction.
6. To prevent short circuits when replacing a fuse, disconnect the wiring harness first.
7. Use only the provided hardware and wire harness.
8. You cannot view video while the vehicle is moving. Find a safe place to park and engage the parking brake.
9. If you experience problems during installation, consult your nearest DUAL dealer.
10. If the unit malfunctions, reset the unit as described on page 12 first. If the problem still persists, consult your nearest DUAL dealer or call tech assistance @ 1-866-382-5476.
11. To clean the monitor, wipe only with a dry silicone cloth or soft cloth. Do not use a stiff cloth, or volatile solvents such as paint thinner and alcohol. They can scratch the surface of the panel and/or remove the printing.
12. When the temperature of the unit falls (as in winter), the liquid crystal inside the screen will become darker than usual. Normal brightness will return after using the monitor for a while.

Additional Notes:

1. When extending the ignition, battery or ground cables, make sure to use automotive-grade cables or other cables with an area of 0.75mm (AWG 18) or more to prevent voltage drops.
2. Do not touch the liquid crystal fluid if the LCD is damaged or broken. The liquid crystal fluid may be hazardous to your health or fatal. If the liquid crystal fluid from the LCD contacts your body or clothing, wash it off with soap immediately.

This device complies with part 15 of the FCC rules and regulations.
Operation is subject to the following two conditions:
1) This device may not cause harmful interference, and
2) This device must accept any interference received, including interference that may cause undesired operation.

Download from Www.Somanuals.com. All Manuals Search And Download.

Preparation

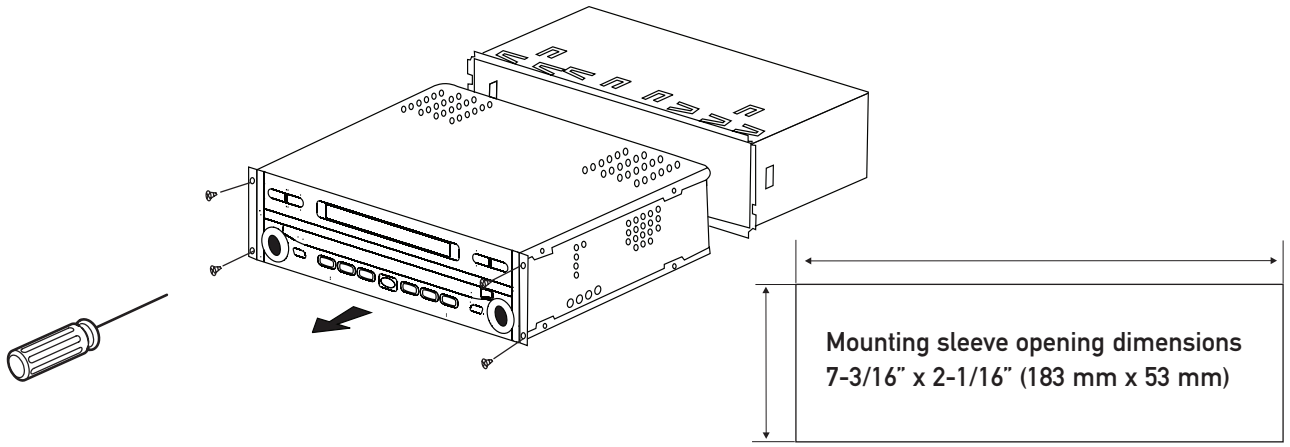
Please read entire manual before installation.

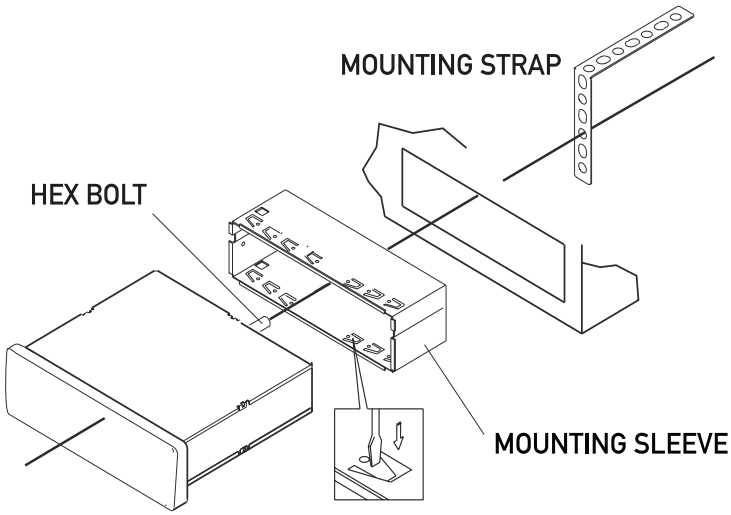
Before You Start

- Disconnect negative battery terminal. Consult a qualified technician for instructions.
- Avoid installing the unit where it would be subject to high temperatures, such as from direct sunlight, or where it would be subject to dust, dirt or excessive vibration.

Getting Started

- Slide the unit out of the mounting sleeve.
- Install mounting sleeve into opening, bending tabs to secure.
- Connect wiring harness and antenna as shown on pages 6-7. Consult a qualified technician if you are unsure.
- Certain vehicles may require an installation kit and/or wiring harness adapter (sold separately).
- Test for correct operation and slide unit into mounting sleeve.
- Attach unit to mounting sleeve using supplied #1 Phillips screws.
- Snap trim ring into place.
- Mount the iplug™ adapter to any smooth clean surface using the supplied double-sided tape or Phillips head screws.

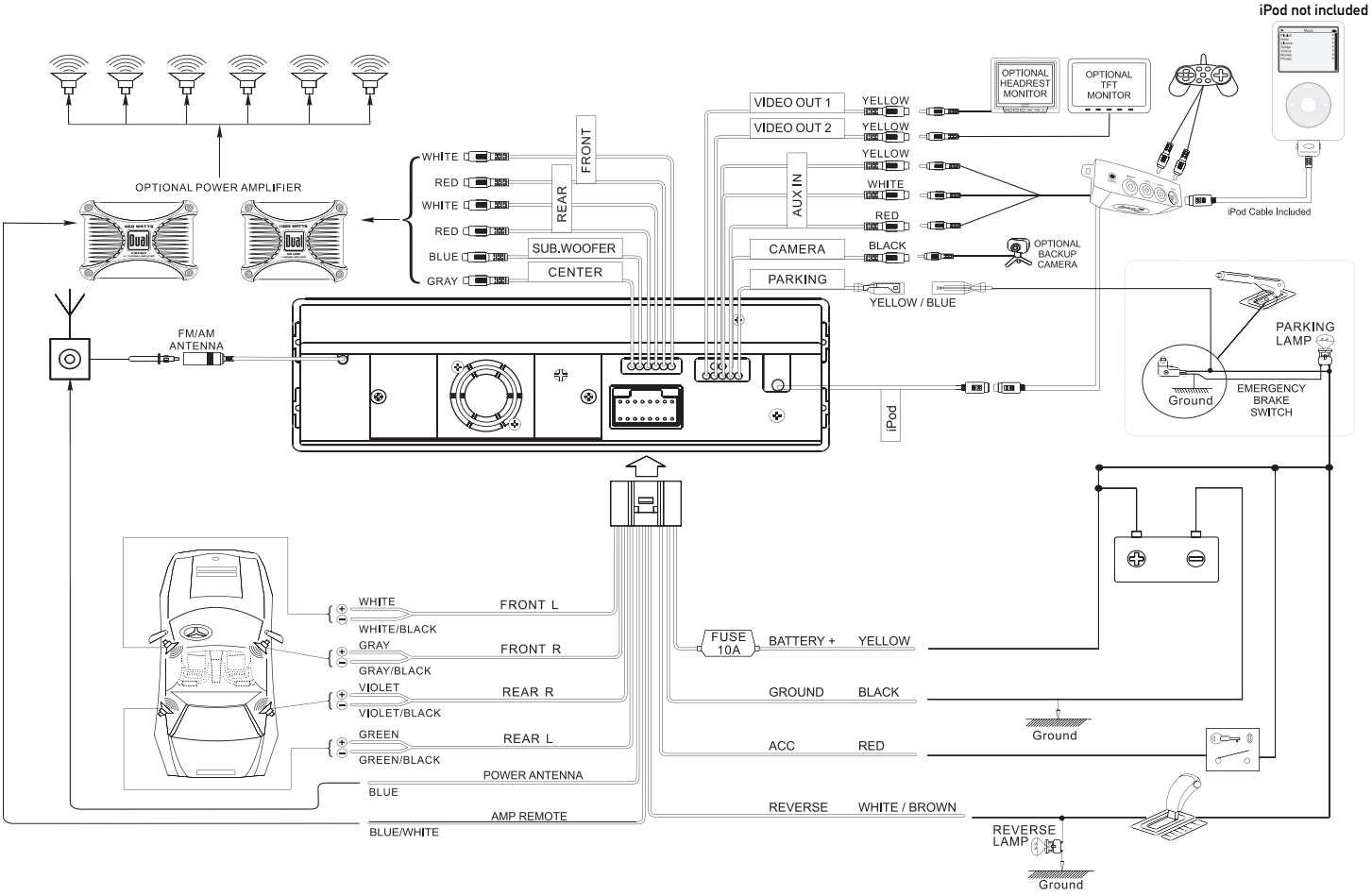




TYPICAL FRONT-LOAD DIN MOUNTING METHOD

Download from Www.Somanuals.com. All Manuals Search And Download.

Expanded Wiring Diagram - Inputs/Outputs



Wiring Notes:

Subwoofer output

The **SUBWOOFER** audio output (Blue RCA) is active in all audio modes and must be connected to an external amplifier.

Center output

The **CENTER** audio output (Gray RCA) is only active in DVD 5.1 audio mode and must be connected to an external amplifier.

Rear view camera

A rear view camera (not included) can be used with the **CAMERA** input.

NEED HELP??

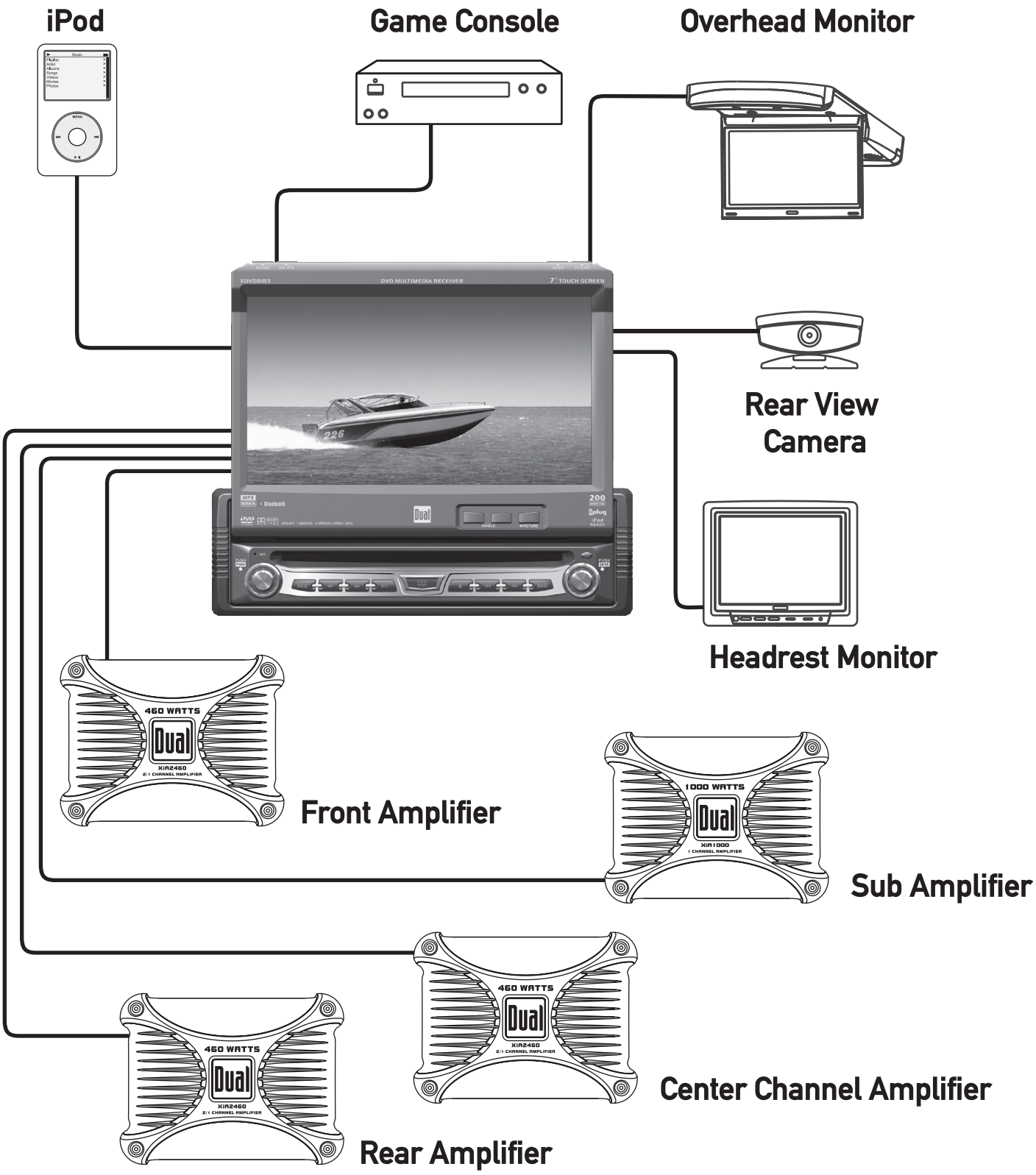
Call our Technical Service Hotline, 1-866-382-5476.

Safety Notes:

The DVD video display of the in-dash unit will not operate while the vehicle is moving. This is a safety feature to prevent driver distraction. In-dash DVD video functions will only operate when vehicle is in Park and the parking brake is engaged. It is illegal in most states for the driver to view video while the vehicle is in motion. Altering or defeating this safety feature is a violation of law and is prohibited.

Download from Www.Somanuals.com. All Manuals Search And Download.

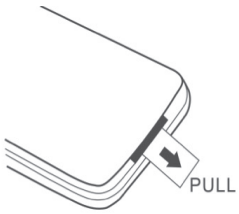
Wiring Diagram - Optional A/V Connections



Download from Www.Somanuals.com. All Manuals Search And Download.

IR Remote Preparation

To first use the IR Remote control, you must first pull the battery insulation tape out

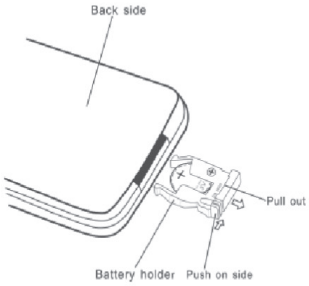


Notes:

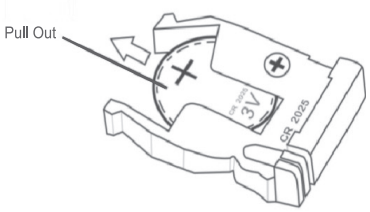
- **Remove the battery if the remote will not be used for a month or longer**
- **Remove and dispose of battery properly**

Insert or replacing the Battery:

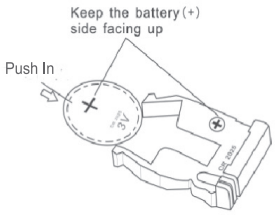
Remove the battery holder



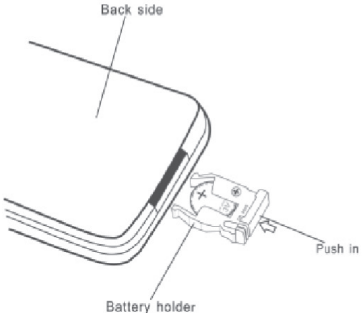
Remove the battery from the battery holder



Install the new battery
Make sure to keep the (+) side up



Insert the battery holder

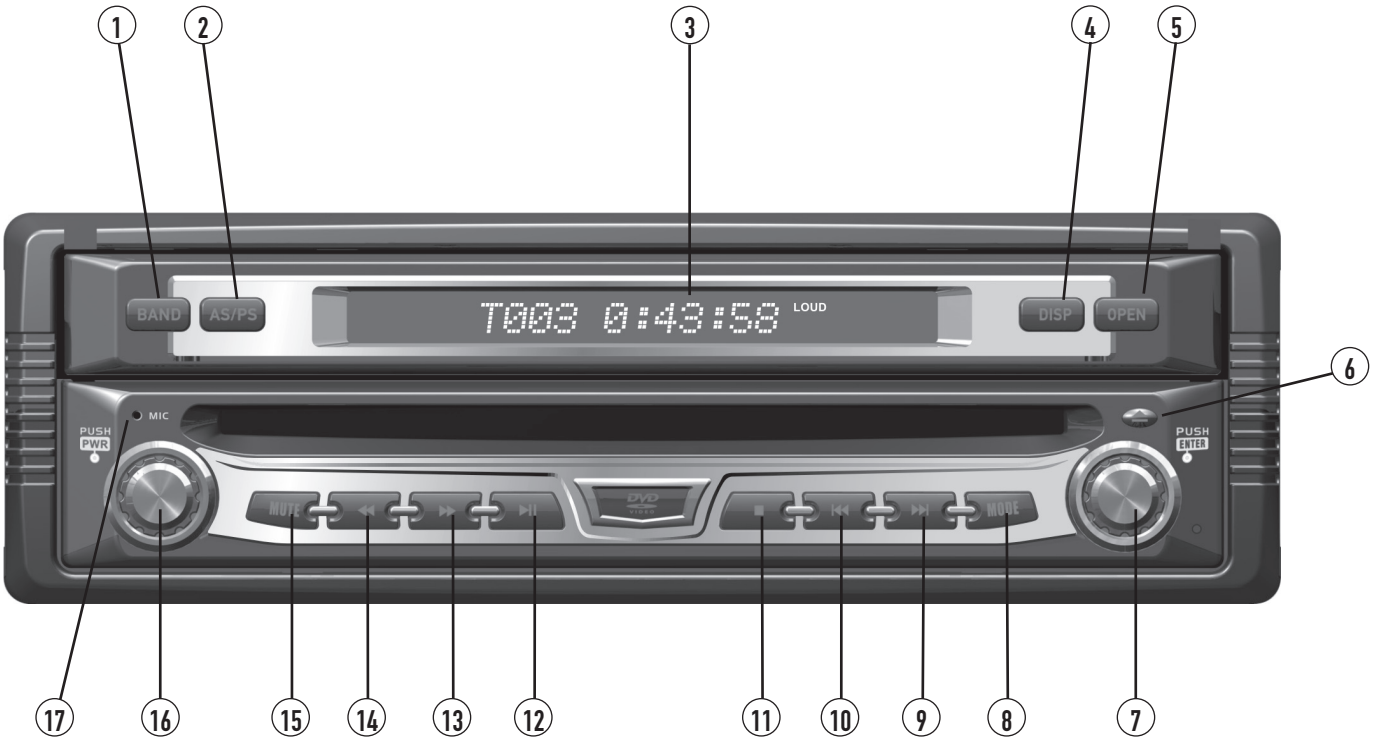


CAUTION!!!

- **Do not store battery with metallic objects or materials**

Download from Www.Somanuals.com. All Manuals Search And Download.

Control Locations - Monitor Closed



1. Band
2. Auto Store/Preset Scan
3. Secondary LCD
4. Display
5. Open/Close Monitor
6. Eject
7. Rotary Encoder/Enter
8. Mode
9. Chapter/Track Up/Seek Up
10. Chapter/Track Down/Seek Down
11. Stop
12. Play/Pause
13. Fast Forward/Manual Tune Up
14. Fast Reverse/Manual Tune Down
15. Mute
16. Power/Volume
17. Microphone

Monitor Notes:

- This model incorporates a motorized moving monitor. Before final installation, make sure the monitor will not obstruct the dash, shifter or any other controls.
- Upon installation, do not attempt to move the monitor up/down by hand. Use the **ANGLE ▲/▼** and **OPEN** buttons on the front panel only.
- The unit will stop if it encounters any obstacles during the open/close sequence. If this occurs, remove the obstacle and press **OPEN** again to resume the monitor open/close sequence.

Download from Www.Somanuals.com. All Manuals Search And Download.

Control Functions - Monitor Closed

BAND	Press **BAND** to increment from FM1, FM2, FM3, AM ⇨ FM1.
AS/PS (Auto Store /Preset Scan)	Press **AS/PS** momentarily to start station **PRESET SCAN** function, Press **AS/PS** for 2 seconds to start **AUTO STORE** station preset function in current **BAND**.
SECONDARY LCD	Additional **LCD** for system information while monitor is closed.
DISP	Press the **DISP** button to display various information on the secondary **LCD.**
OPEN	Press **OPEN** to open or close the monitor. The unit will emit a confirmation beep when opening and closing. Be careful not to touch or obstruct the monitor movement during the open/close sequence, or permanent damage could occur.
EJECT	Press once to eject disc.
ROTARY	Rotate clockwise/counter-clockwise to select desired item and press once to **ENTER**.
MODE	Press once to incrementally select desired source.
TRACK/SEEK UP	Selects the next chapter/track/radio station.
TRACK/SEEK DOWN	Selects the previous chapter/track/radio station.
STOP	Stop playback of DVD/CD/MP3/iPod.
PLAY/PAUSE	Press once for **PAUSE**, press again for **PLAY.**
FAST FORWARD/TUNE UP	Fast forwards the chapter/track or selects the next radio frequency.
FAST REVERSE/TUNE DOWN	Fast reverses the chapter/track or selects the previous frequency.
MUTE	Press once to MUTE audio, MUTE will appear in the secondary LCD. Press again to return audio.
POWER ON/OFF	Press **POWER** momentarily to turn the unit on. Press and hold **POWER** for more than 2 seconds to turn the unit off. **Note: EJECT** will still function even if **POWER** is off.
VOLUME	Rotate clockwise/counter clockwise for desired **VOLUME** level.

Download from Www.Somanuals.com. All Manuals Search And Download.

Control Locations - Monitor Open

1. Disc-in indicator - Red = Disc inserted, Blue = No disc.
2. ANGLE ▼ - Press to decrease the monitor view angle.
3. ANGLE ▲ - Press to increase the monitor view angle.
4. INFO - Press to select DVD **INFO** and press and hold for **BRIGHTNESS**.
5. Press to **RESET** system.

Safety Notes:

The DVD video display of the in-dash unit will not operate while the vehicle is moving. This is a safety feature to prevent driver distraction. In-dash DVD video functions will only operate when vehicle is in Park and the parking brake is engaged. It is illegal in most states for the driver to view video while the vehicle is in motion.

Download from Www.Somanuals.com. All Manuals Search And Download.

Control Functions - Monitor Open

Disc-in indicator

Blue = No disc
Red = Disc inserted

Monitor Angle ▲▼

Press **ANGLE ▲** to increase the monitor view angle.

Press **ANGLE ▼** to decrease the monitor view angle.

Notes:
- Do not attempt to move the monitor up/down by hand - severe damage will occur. Use the front panel buttons or the remote control only.
- The color of the LCD monitor varies between viewing angles. Select the angle with the most optimum view for your location.
- The last position of the monitor will be saved in memory. The monitor will return to its last position automatically the next time it is opened.

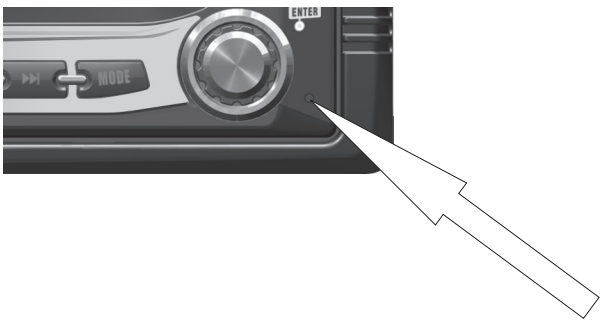
INFO/PIC

Press **INFO** button for 1 second to display DVD disc information.

Press and hold **INFO** for 2 seconds to change TFT LCD **BRIGHTNESS:**
Press **ANGLE ▲** to increase, **ANGLE ▼** to decrease or use **VOLUME** rotary to adjust the level up or down, (0 minimum/20 maximum), 10 is default.

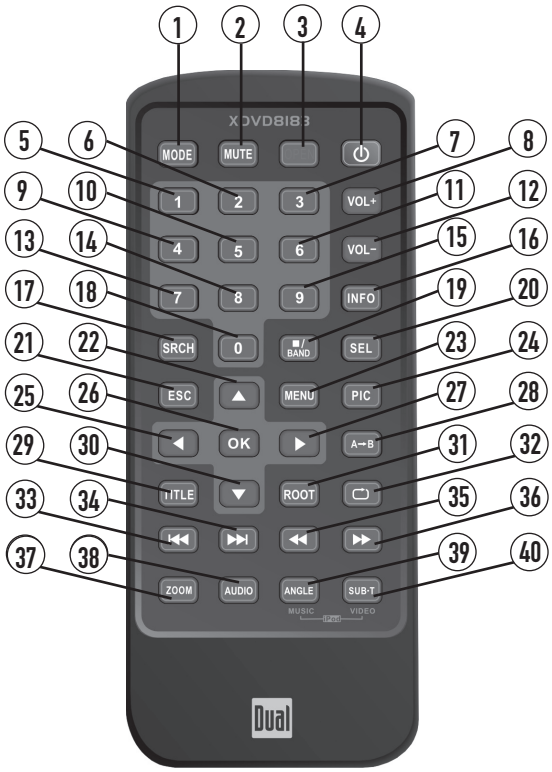
SYSTEM RESET

If you experience abnormal operation or, your unit is inoperable, press the **RESET** button for 3 seconds, located on the front bottom-right corner of the unit. After a system reset, the unit restores all factory default settings.
Note: Use the tip of a pen to access the button.



Download from Www.Somanuals.com. All Manuals Search And Download.

Control Locations - Remote



1. Mode
2. Mute
3. Open/Close
4. Power
5. Key #1
6. Key #2
7. Key #3
8. Volume Up
9. Key #4
10. Key #5
11. Key #6
12. Volume Down
13. Key #7
14. Key #8
15. Key #9
16. Info
17. Search
18. Key #0
19. Band/Stop
20. Audio Select
21. Escape
22. 4-Way - Up
23. Menu
24. Picture
25. 4-Way - Left
26. OK
27. 4-Way - Right
28. Repeat A-B
29. Title Menu/CD Scan
30. 4-Way - Down
31. Root
32. Repeat
33. Chapter/Track/Seek Down
34. Chapter/Track/Seek Down
35. Fast Reverse/Manual Tune Down
36. Fast Forward/Manual Tune Up
37. Zoom
38. Audio
39. Angle/iPod Music mode
40. Sub-Title/iPod Video mode

* The remote control uses one 3 volt Lithium CR2025 battery. For best performance, replace only with CR2025 or equivalent.

Download from Www.Somanuals.com. All Manuals Search And Download.

Control Functions - Remote

Mode	Press once to incrementally select desired source.
Mute	Press once to **MUTE** audio, press again to return audio.
Open/Close	Press once to open monitor, press again to close the monitor.
Power	Press once to turn the unit on, press again to turn unit off.
Keys 0-9	Direct access chapter/track/preset station for current **BAND.**
Volume Up	Increase **VOLUME.**
Volume Down	Decrease **VOLUME.**
Info	Displays DVD information.
Search	Search function in the DVD/CD disc mode.
Band / Stop	Press to increment **BAND**, or **STOP** while in DVD/MP3 mode.
Audio Select	Enter **AUDIO** Setup mode.
Escape	Exit current menu.
4-Way -Up/Down/Left/Right	Navigating system and DVD menus.
Menu	Enter the **MAIN** system menu.
Picture	**BRIGHTNESS** parameter setting for TFT.
OK	Starts/pauses playback or confirm settings.
Repeat A-B	Repeat playback from time frame A to time frame B.
Title Menu	Enters the title menu on DVD.
Root	Enters the main menu of the DVD disc.
Repeat	Repeats playback of current DVD chapter.
Chapter/Track Down	Selects the previous chapter/track for playback.
Chapter/Track Up	Selects the next chapter/track for playback.
Fast Rewind	Fast rewinds the disc content.
Fast Forward	Fast forwards the disc content.
Zoom	Zooming in/out on an image from DVD disc.
Audio	Change the audio language for DVD disc playback.
Angle	Plays DVD disc in different angle for a scene/Selects iPod Music mode.
Sub-Title	Language selection for subtitle/Selects iPod Video mode.

Download from Www.Somanuals.com. All Manuals Search And Download.

General Operation

Power On/Off

Press **POWER** momentarily to turn the unit on.
Press and hold **POWER** for more than 2 seconds to turn the unit off.
Note: EJECT will still function even if **POWER** is off.

Monitor Open/Close

Press **OPEN** to open or close the monitor. The unit will emit a confirmation beep when opening and closing. Be careful not to touch the monitor during the open/close sequence.

Notes:
- The unit will stop automatically during open/close if an obstacle is detected. If this occurs, remove the obstacle and press **OPEN** again to resume the monitor open/close sequence.
- Audio can be heard while the monitor is closed.

Monitor Angle Position

Press **ANGLE** ▲ to increase the monitor view angle.
Press **ANGLE** ▼ to decrease the monitor view angle.

Notes:
- Do not attempt to move the monitor up/down by hand - severe damage will occur. Use the front panel buttons or the remote control only.
- The color of the LCD monitor varies between viewing angles. Select the angle with the most optimum view for your location.
- The last position of the monitor can be saved in memory. The monitor will return to its last position automatically the next time it is opened.

Notes:
- The vehicle must be in park and the parking brake applied to view video on the in-dash monitor.
- As a safety feature, a blue "**CAUTION**" screen will show on the display when the vehicle's parking brake is not engaged. DVD and AUX IN audio can be heard while the vehicle is in motion.
- The video display of the in-dash unit will not operate while the vehicle is moving. This is a safety feature to prevent driver distraction. In-dash video functions will only operate when vehicle is in Park and the parking brake is engaged. It is illegal in most states for the driver to view video while the vehicle is in motion. Refer to local laws in your area.

See DVD operation on page 33 for more details on how to initialize the **PARKING BRAKE.**

Download from Www.Somanuals.com. All Manuals Search And Download.

General Operation

Mode

Press **MODE** to select between **TUNER**, **DVD**, **AUX IN**, **CAMERA** and **iPod** inputs. Modes of operation are indicated in the **OSD** (On Screen Display) and secondary **LCD**.

iPod (optional) must be connected to appear in the **MODE** selection string.

Optional Mode Selection

With the monitor open, press the screen to display the **OSD** menu bar and press **TUNER**, **DVD**, **AUX IN** or **CAMERA** in the **MAIN** menu page to select the desired source.

Volume

Adjust **VOLUME** using rotary encoder or the **VOL ▲ ▼** buttons (00-40).

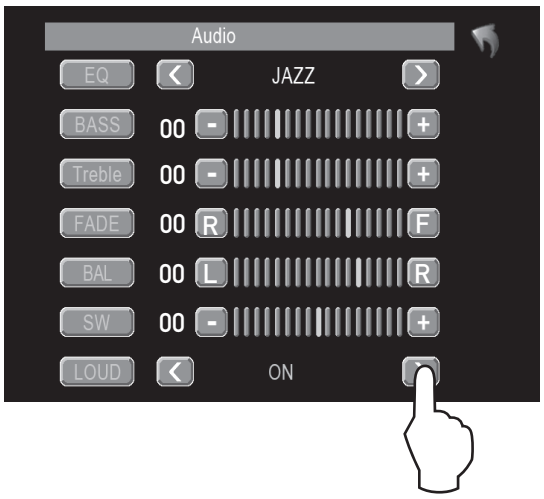
Mute

Press **MUTE** to silence the audio; ⊠ will appear in the **OSD**.
Press **MUTE** again to cancel.

Audio Adjustment from front panel

Press in **VOLUME** rotary knob on left front panel,
Press in **VOLUME** again to advance to desired parameter to be changed,
Turn **VOLUME** rotary ↺ or ↻ to adjust to desired level,
Press in **VOLUME** to advance to next selection,
Press and hold the **VOLUME** button on the front panel to exit.

2-Channel Audio Settings



6-Channel Audio Settings

Item	Adjustable Range
Master Volume	00 to 40
Front Left Channel Volume	-10 to +10
Front Right Channel Volume	-10 to +10
Rear Left Channel Volume	-10 to +10
Rear Right Channel Volume	-10 to +10
Center Channel Volume	-10 to +10
Subwoofer Volume	-10 to +10

Note: 6-Channel audio is only adjustable when "Full 6CH" mode is selected. Refer to page 47 for more details.

Audio Adjustment from Remote

Press the **SEL** button,
Press the **▲ ▼** buttons on the remote to select an item to be adjusted,
Press **◀** or **▶** to adjust the desired setting,
Press the **ESC** button on the remote control to exit the audio control menu.

Notes: The Bass and Treble levels are only adjustable when EQ is set to"User" mode. The Loud function compensates for deficiencies in sound ranges at low levels. When the Loud function is on, LOUD is displayed on the screen.

Download from Www.Somanuals.com. All Manuals Search And Download.

General Operation

INFO/PIC

Press **INFO** button for 1 second to display DVD disc information.

RGB BRIGHTNESS

Press and hold **INFO** for 2 seconds to change TFT LCD **BRIGHTNESS:**
Press **ANGLE ▲** to increase, **ANGLE ▼** to decrease, or use **VOLUME** rotary to adjust the level up or down. (0 minimum/20 maximum) 10 is default.

CVBS Screen Controls

While in **iPod Video playback**, **AUX-IN** or **CAMERA** mode:
Press and hold **INFO** for 2 seconds to access **PICTURE MENU**, press **INFO** briefly again to step to next selection:

SHARPNESS
CONTRAST
COLOR
BRIGHTNESS
TINT

Note: Adjustments to SHARPNESS, CONTRAST, COLOR, BRIGHTNESS & TINT are only possible while in either iPod video playback, AUX-IN or CAMERA CVBS mode.

Press ▼ or ▲ to adjust the sharpness (0 minimum/+20 maximum).

Press ▼ or ▲ to adjust the contrast (0 minimum/+20 maximum).

Press ▼ or ▲ to adjust the color (0 minimum/+20 maximum).

Press ▼ or ▲ to adjust the brightness (0 minimum/+20 maximum).

Press ▼ or ▲ to adjust the tint (0 minimum/+20 maximum).

Download from Www.Somanuals.com. All Manuals Search And Download.

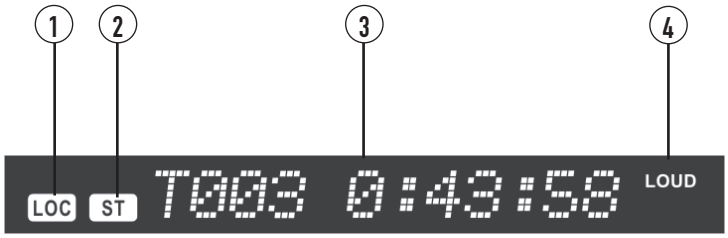
General Operation

BAND	Press **BAND** to increment from FM1, FM2, FM3, AM ⇨ FM1.
AS/PS (Auto Store /Preset Scan)	Press **AS/PS** momentarily to start station **PRESET SCAN** function. The unit will now scan your program presets for 10 seconds for each preset in that band. Press **AS/PS** again to stop scanning. Press **AS/PS** for 2 seconds to start **AUTO STORE** station preset function in current **BAND**.
DISP	Press the **DISP** button to display various information on the secondary **LCD** screen when the monitor is closed.
OPEN	Press **OPEN** to open or close the monitor. The unit will emit a confirmation beep when opening and closing. Be careful not to not touch or obstruct the monitor movement during the open/close sequence, or permanent damage could occur.
EJECT	Press once for **DISC** ejection.
ROTARY	Press to access MAIN menu, rotate clockwise/counter-clockwise to select desired item and press once to **ENTER**.
MODE	Press once to incrementally select desired source.
TRACK/SEEK UP	Selects the next chapter/track/radio station.
TRACK/SEEK DOWN	Selects the previous chapter/track/radio station.
STOP	Stop playback of **DVD/CD/MP3/iPod.**
PLAY/PAUSE	Press once for **PAUSE**, press again for **PLAY.**
FAST FORWARD/TUNE UP	Fast forwards the chapter/track or selects the next radio frequency.
FAST REVERSE/TUNE DOWN	Fast reverses the chapter/track or selects the previous frequency.
MUTE	Press once to **MUTE** audio, press again to return audio, an icon indicator will flash on the **TFT** monitor.
POWER ON/OFF	Press **POWER** momentarily to turn the unit on. Press and hold **POWER** for more than 2 seconds to turn the unit off. **Note: EJECT** will still function even if **POWER** is off.
VOLUME	Rotate **VOLUME** rotary knob ↺ or ↻ for desired **VOLUME** level, press once to access the **AUDIO SETUP MENU**.
PROGRAMMABLE TURN-ON VOLUME	Turn **VOLUME** rotary to desired listening level, press and hold **VOLUME** rotary knob for 3 seconds to program currently selected volume level.

Download from Www.Somanuals.com. All Manuals Search And Download.

General Operation

Secondary LCD Information



NOTE: Secondary LCD only functions when **TFT** monitor is closed.

1) LOC	**LOCAL** indicator, icon will be off when **DISTANCE** (DX) is selected
2) ST	**STEREO** radio station indicator
3) TIME	Displays **TRACK** time, **TUNING** frequency, **MP3 ID3** info, & **CLOCK**, etc
4) LOUD	**LOUDNESS** selection indicator

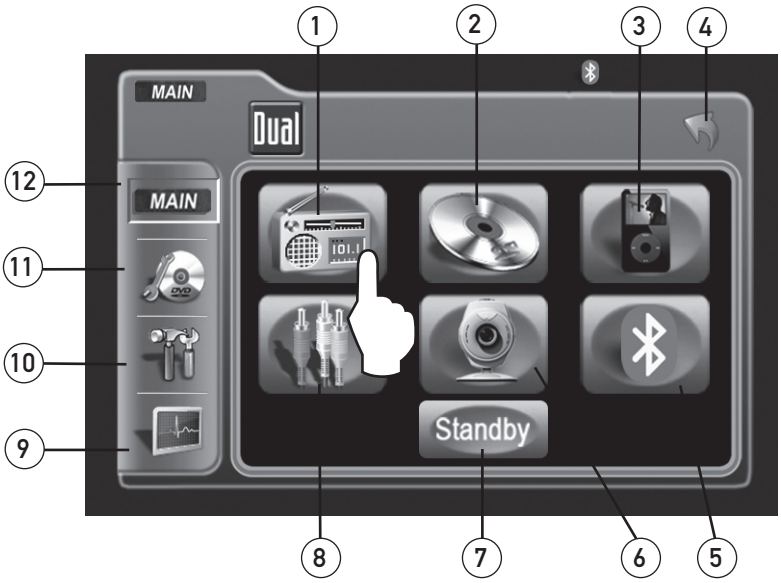
Download from Www.Somanuals.com. All Manuals Search And Download.

General Operation

Main Menu Access

There are three methods to access the MAIN menu:

- Press the ENTER button on the right ROTARY knob.
- Press the MENU button on the remote control.
- Touch the upper left corner of the touch screen.



Touch Access Buttons

1) Touch to access **AM/FM TUNER** mode.

2) Touch to access **CD/DVD** mode, **CD/DVD** must be inserted.

3) Touch to access **iPod** mode, **iPod** must be connected to activate.

4) Touch to **RETURN** to previous screen.

5) Touch to access **BLUETOOTH** mode, (**BLUETOOTH** must be activated first.) Refer to page 67 for more details.

6) Touch to access **CAMERA** mode, if optional camera isn't connected then "No Signal Detected" will be displayed.

7) Touch to **STANDBY** screen, touch screen again or any button to resume display.
Note: VOLUME level can be controlled in **STANDBY** mode.

8) Touch to access **AUXILIARY A/V INPUT** mode .

9) Touch to access **SCREEN SETUP** menu.

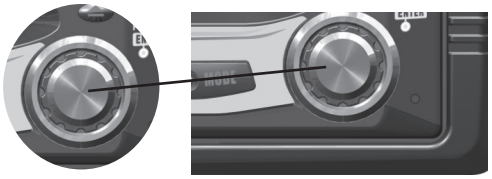
10) Touch to access **GENERAL SETUP** menu.

11) Touch to access **CD/DVD SETUP** menu, **CD/DVD** must be inserted to function
Touch to access **MAIN** Source menu.

Rapid Dial Rotary Encoder

The rotary encoder can also control touch screen functions from the main menu.

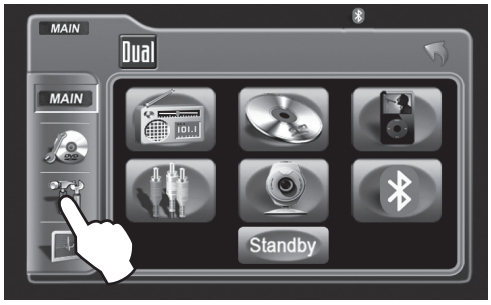
- Select desired function rotating clockwise or counter-clockwise.
- Function will be outlined in yellow.
- Press to confirm/ENTER.



Download from Www.Somanuals.com. All Manuals Search And Download.

GENERAL Setup - Menu

General Setup Menu



- Press the GENERAL button to access the GENERAL setup mode.
- Select desired parameter you wish to change.
- Page will return back to previous screen after 10 seconds of inactivity or by pressing the RETURN button.

Note: Default anti-theft password is 0000

GENERAL Setup Menu matrix

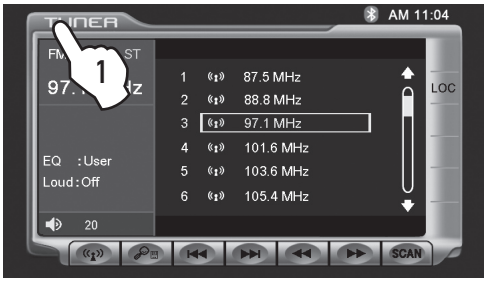
Settings	Default	Options	Function
Radio	USA	USA	Set to appropriate setting for your country
		S-Amer1	
		S-Amer2	
		Europe	
Clock adjust	AM	00:00	See adjusting the clock on page 23 for more details
Clock Mode	12Hr	12Hr	PM 6:00
		24Hr	18:00
Camera Image	Normal	Normal	Normal Image
		Reverse	Mirror camera input image 180 degrees
Video Format	Auto	Auto	System will auto detect NTSC or PAL
		NTSC	For NTSC compatibility
		PAL	For PAL compatibility
TFT Auto Open	Off	On	TFT panel will automatically open when IGN is turned on
		Off	TFT panel will not auto open when IGN is turned on
		Manual	TFT will only open/close when OPEN button is pressed
Bluetooth	Off	Off	Turns off the Bluetooth functionality
		On	Enables Bluetooth functionality
Anti-theft Code	0000	----	Must enter password to turn anti-theft on or off
Anti-theft active	Off	On	System will require a password if main battery power is removed for more than 40 seconds
		Off	No password will be required if power is removed
Load Factory defaults	Yes	Are you sure? Yes/Cancel	Load all factory parameters to their original settlings, **Notes:** This will not reset the anti-theft password. Default anti-theft password is 0000.

Note: Not all GENERAL setup features are described in detail.

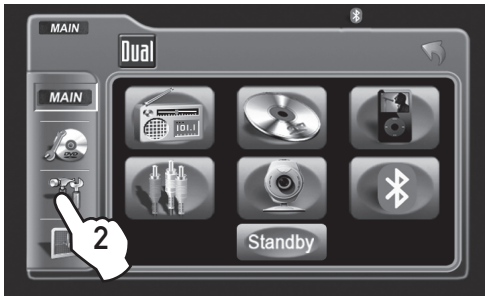
Download from Www.Somanuals.com. All Manuals Search And Download.

GENERAL Setup - Adjusting Radio Frequency

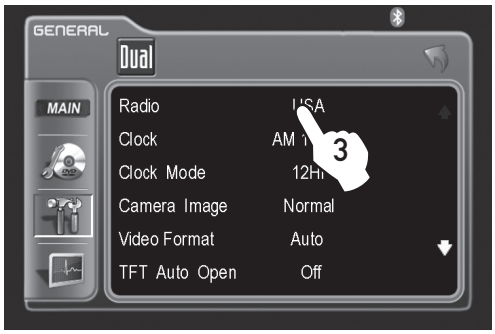
Adjusting Radio Frequency



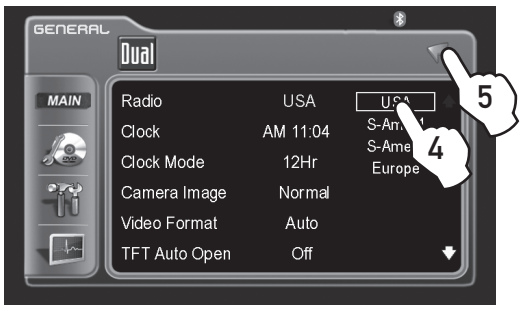
Step 1 1) Touch top left corner of screen.



Step 2 2) Touch GENERAL icon.



Step 3 3) Touch USA.



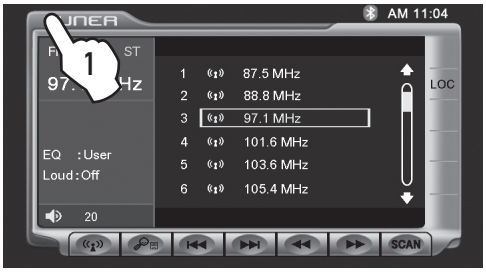
Step 4 4) Touch the setting for your region.

Step 5 Touch RETURN to exit.

Download from Www.Somanuals.com. All Manuals Search And Download.

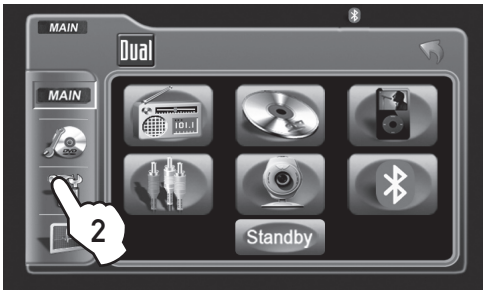
GENERAL Setup – Adjusting the Clock

12Hr Clock Mode



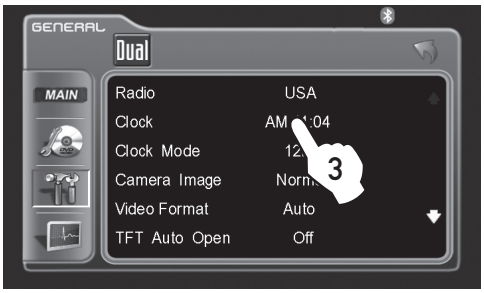
Step 1

1) Touch top left corner of screen.



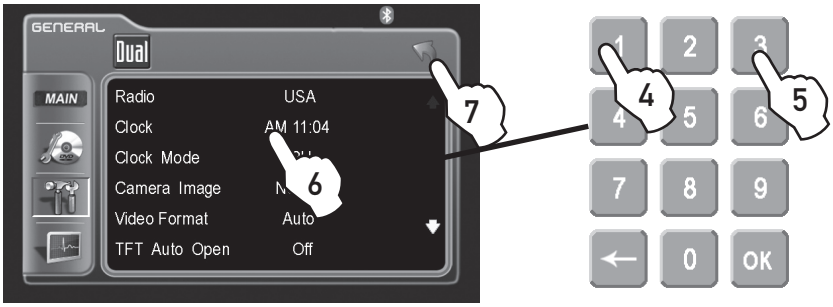
Step 2

2) Touch GENERAL icon.



Step 3

3) Touch 00:00 area in the CLOCK row.



Steps 4-7

4) Keypad will appear, enter HOUR, touch OK.
5) Enter MINUTES, touch OK.
6) Touch AM or PM to set.
7) Touch **RETURN** to exit.

24Hr Clock Mode

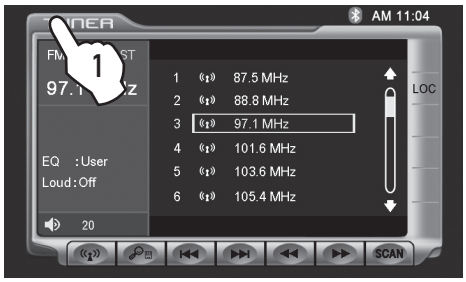
For 24Hr format, select 24Hr from CLOCK MODE, then follow steps 1-7.

Download from Www.Somanuals.com. All Manuals Search And Download.

GENERAL Setup - Setting the Anti-theft code

By default Anti-theft password is 0000 and is turned Off. To turn this feature on, follow the steps below.
CAUTION!!
This will lock your unit from operating if battery POWER is disconnected for more than 40 seconds.

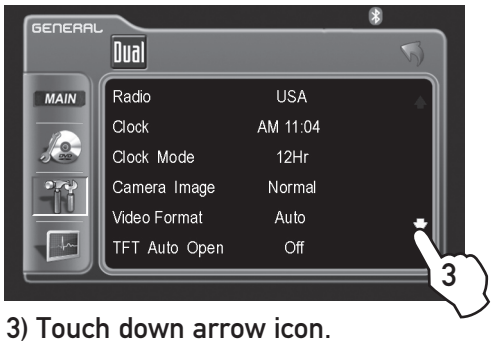
Step 1 & 2



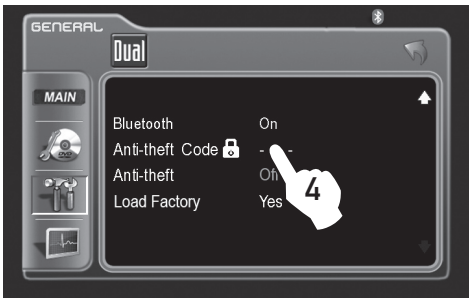
1) Touch top left corner of screen.

2) Touch GENERAL icon.

Step 3 & 4



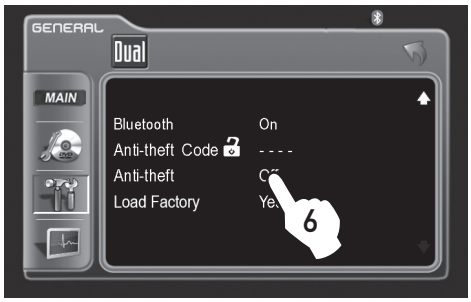
3) Touch down arrow icon.



4) Touch ----.

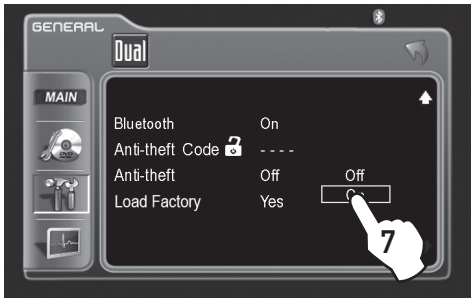
Step 5 & 6

5) Enter 0000, then press OK.

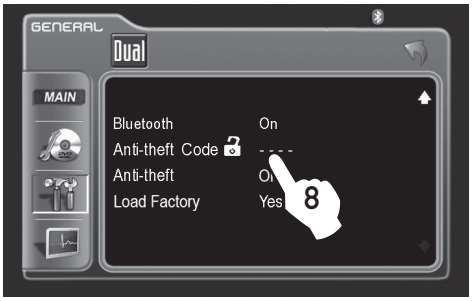


6) Touch Off.

Step 7 & 8



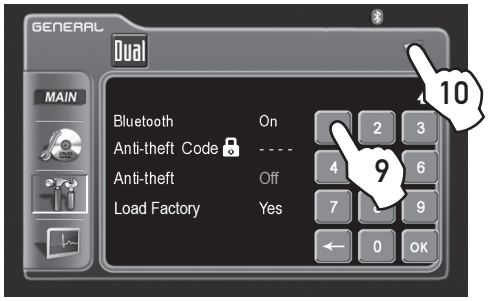
7) Touch On.



8) Touch ---- again.

Note: it is recommended that you choose your own 4-digit password carefully, write it down somewhere and keep in a safe location. In the event you ever loose or forget your password, call our tech hot line for support on how to unlock your system.

Step 9 & 10



9) Enter your new 4-digit password, then press OK.

10) Touch RETURN to exit.

Download from Www.Somanuals.com. All Manuals Search And Download.

SCREEN Setup - Menu

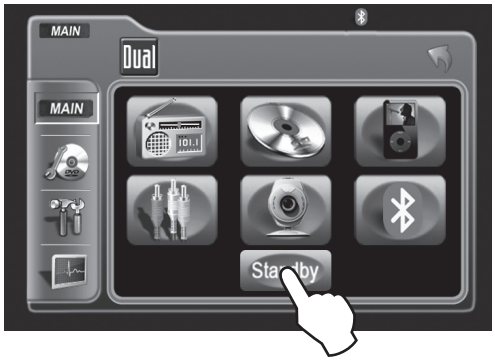
Screen Setup Menu

- Press the SCREEN icon to access the SCREEN setup mode.
- Select desired parameter you wish to change.
- Page will return back to previous screen after 15 seconds of inactivity or by pressing the RETURN button.

SCREEN Setup Menu matrix

Settings	Default	Options	Function
Brightness	10	0 - 20	Press ◀ or ▶ on the remote or press the right rotary once and rotate clockwise/counter-clockwise to adjust the Brightness to the desired setting
Screen Tilt	4	1 - 6	Select 1 to 6 to adjust the default tilt angle of the screen
Screen Saver	On	Off	Select On to activate the screen saver, Off to deactivate
		On	
TS Calibrate	No	No	Touch Yes to enter the Touch Screen calibration mode
		Yes	
Version			Software version of unit

System Standby



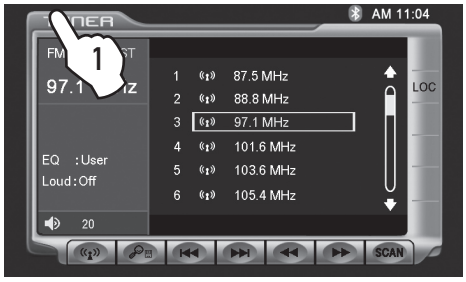
To conserve the LCD backlight lifespan or to eliminate glare while night driving, press STANDBY. The TFT screen will black out, however all other operations continue to operate. Press any button except **VOLUME** or touch the screen again to return to normal viewing.

Download from Www.Somanuals.com. All Manuals Search And Download.

SCREEN Setup - Setting TFT Brightness

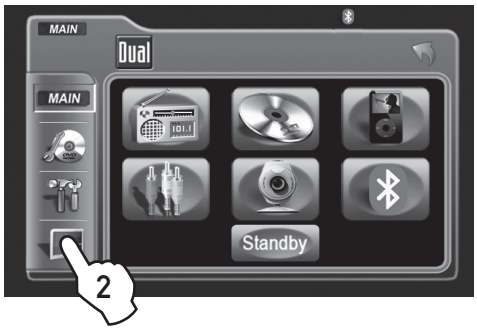
This will set the default setting for the TFT display brightness. This can also be set by pressing the INFO button on the front TFT panel.

Step 1



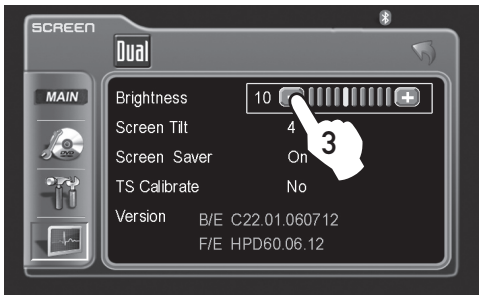
1) Touch top left corner of screen.

Step 2



2) Touch SCREEN icon.

Step 3



3) Touch [-] to reduce brightness.

Step 4

4) Touch [+] to increase brightness.

0 - 20 is possible
Default = 10

Step 5

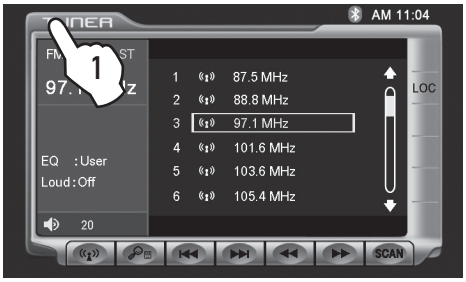
5) Touch RETURN to exit.

Download from Www.Somanuals.com. All Manuals Search And Download.

SCREEN Setup - Setting TFT Angle

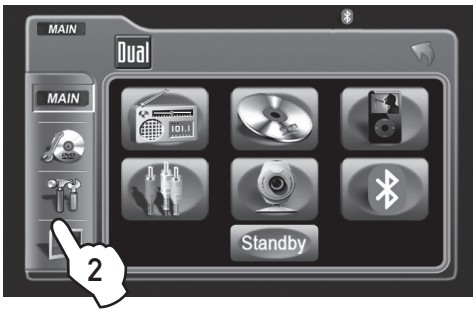
Set for best viewing angle for your vehicle

Step 1



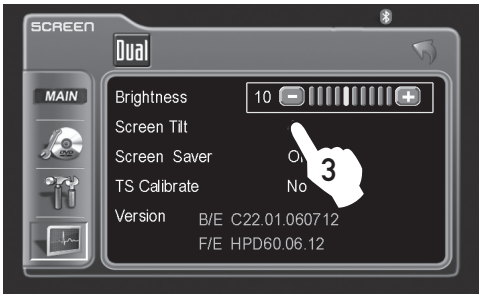
1) Touch top left corner of screen.

Step 2



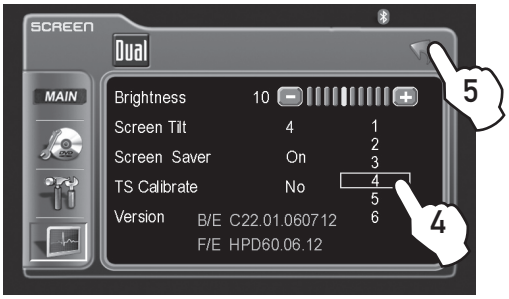
2) Touch SCREEN icon.

Step 3



3) Touch a number displayed in SCREEN TILT row.

Step 4



4) Touch desired angle for best viewing angle.

1 - 6 is possible
Default = 4

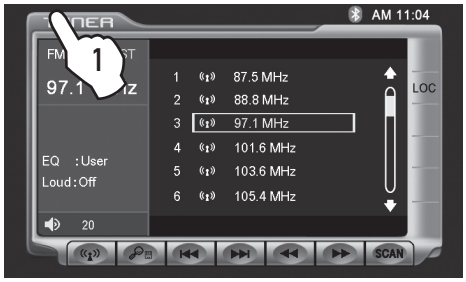
Step 5

5) Touch RETURN to exit.

Download from Www.Somanuals.com. All Manuals Search And Download.

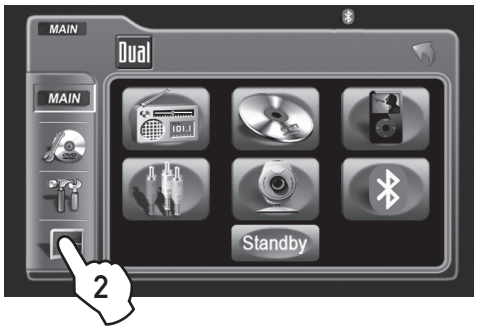
SCREEN Setup - Touch Screen Calibration

Upon initial installation or occasionally, the touch screen may have to be calibrated. Follow these steps as described.



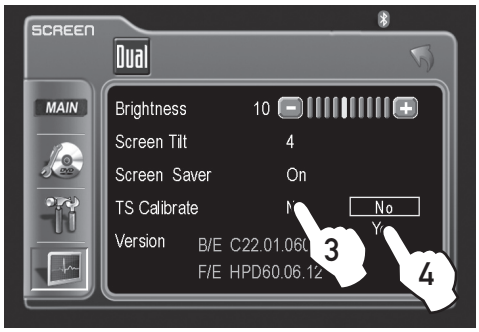
Step 1

1) Touch top left corner of screen.



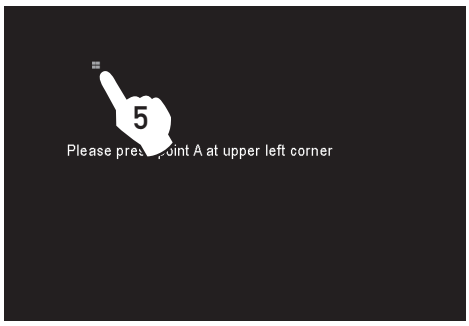
Step 2

2) Touch SCREEN icon.



Step 3 & 4

3) Touch No in TS Calibration row.
4) Then touch Yes.



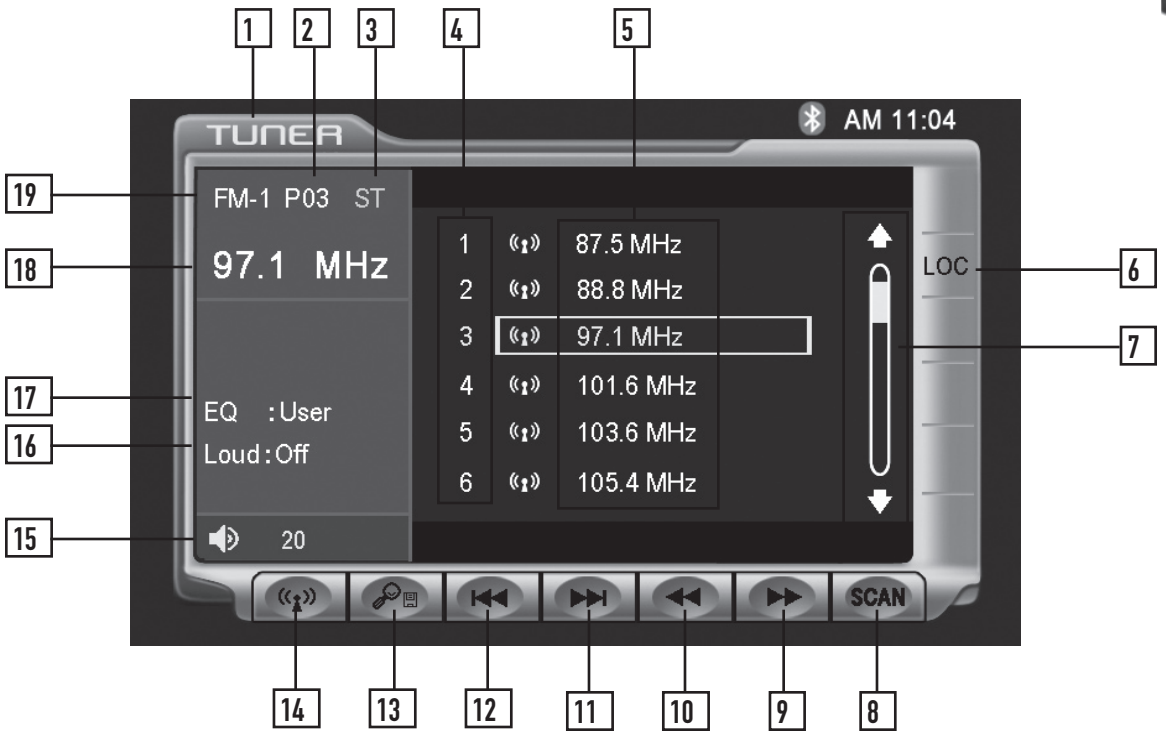
Step 5 & 6

5) Touch and hold the pointers as indicated on the screen for 2 seconds each.
6) Screen will automatically return to MAIN MENU, touch EXIT to return.

Note: For proper calibration you must touch each pointer for 2 seconds. If pointers are not touched properly, the calibration sequence will start over until the calibration is done correctly.

Download from Www.Somanuals.com. All Manuals Search And Download.

AM/FM Tuner Operation - OSD Overview



Tuner Mode

From the main menu, touch TUNER icon on the screen to select AM/FM Tuner mode.

1 Current Source Indicator
Displays source currently playing.

2 Preset Number Indicator
Shows what preset has been selected.

3 Stereo Indicator
Shows that the frequency selected is received in stereo.

4 Preset Number List Display
Shows the preset list by preset number.

5 Preset Station List Display
Shows the preset station list by frequency. Touch frequency to select a preset. Touch and hold frequency to store presets.

6 Local / DX Tuning Mode
Shows when local or distance tuning is on.

7 Preset Display Scroll Bar
Allows scrolling of preset list.

8 Tuner Scan
Touching this icon will scan through all available stations in the current band.

Download from Www.Somanuals.com. All Manuals Search And Download.

AM/ FM Tuner Operation - OSD Overview

9 Tune Frequency - Up
Touching this icon will tune the radio to a higher frequency by one frequency step. Touch and hold to continuously tune up.

10 Tune Frequency - Down
Touching this icon will tune the radio to a lower frequency by one frequency step. Touch and hold to continuously tune down.

11 Seek Next Station - Up
Touching this icon will tune to the next strong station at a higher frequency.

12 Seek Next Station - Down
Touching this icon will tune to the next strong station at a lower frequency.

13 Preset Scan/Auto Station Tune
Touching this icon will scan through all presets in the current band. (This function can also performed by pressing the **AS/PS** button.) Holding this button for more than 2 seconds will automatically program the 12 strongest stations available into the presets in the current band. (This function can also be performed by holding the **AS/PS** button.)

14 Band
Touch band icon repeatedly until the desired band is displayed, FM-1, FM-2, FM-3, or AM. (This function can also be performed by pressing the **BAND** button.)

15 Volume Indicator
Indicates current volume level, controlled by rotary encoder.

16 Loudness Indicator
Touch screen here to enter Audio Setup Menu.

17 EQ Indicator
Touch screen here to enter Audio Setup Menu.

18 Current Station Indicator
Indicates current frequency.

19 Band Indicator
Shows which band the radio is tuned to, FM-1, FM-2, FM-3, or AM.

Download from Www.Somanuals.com. All Manuals Search And Download.

AM/FM Tuner Operation

AM/FM Tuner Mode

From the main menu, touch TUNER icon to select AM/FM Tuner mode.

From the remote control or the front panel:
Press **MODE** until TUNER is displayed on the screen.

Band

Touch on the screen repeatedly until the desired band is displayed, FM-1, FM-2, FM-3, or AM.

Press the **BAND** button to switch between bands, FM-1, FM-2, FM-3, AM.

From the remote control:
Press the **BAND** button.

Manual Tuning

Touch ▶▶ on the screen to tune to the next higher frequency step.
Touch ◀◀ on the screen to tune to the next lower frequency step.

Touch and hold either ◀◀ or ▶▶ on the screen to continue tuning across multiple stations.

From the remote control:
Touch ◀◀ or ▶▶ to perform manual tuning.

Seek Tuning

Touch ▶▶| on screen to tune to the next higher strong station.
Touch |◀◀ on screen to tune to the next lower strong station.

Press ▶▶| on front panel to tune to the next higher strong station.
Press |◀◀ on front panel to tune to the next lower strong station.

From the remote control:
Press ▶▶| or ▶ to tune to the next higher strong station.
Press |◀◀ or ◀ to tune to the next lower strong station.

Storing Presets

There are 36 FM and 12 AM presets available in 4 bands.
After finding a frequency that you would like to store in memory, touch and hold the screen on any of the frequencies in the preset station list until it turns yellow.

Auto Store Presets

Touch and hold the icon to automatically program the 12 strongest stations available into the presets in the current band.

Press and hold the **AS/PS** button for more than 2 seconds.

Preset Scan

Touching the button will scan through all tunable presets in the current band and play them for 10 seconds each.

Press the **AS/PS** button momentarily.

Download from Www.Somanuals.com. All Manuals Search And Download.

AM/ FM Tuner Operation

Direct Preset Tuning

To select a desired station from the preset station list, touch any of the displayed station frequencies from the list.

Use Rapid Dial by turning the right rotary clockwise or counter-clockwise, and pressing in to select the highlighted channel.

Use the up and down arrows on screen to scroll through the presets. Once highlighted, simply touch the screen at the appropriate preset.

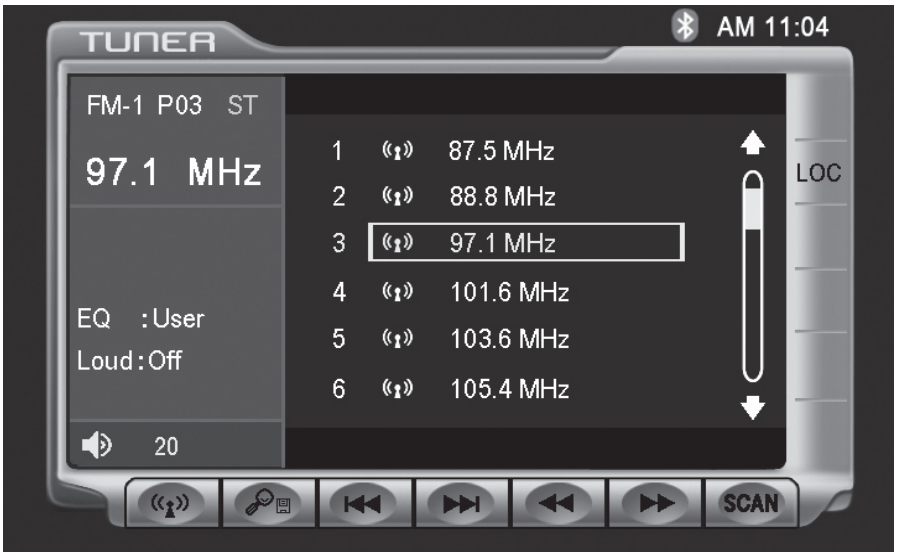
From the remote control:
Press ▲ or ▼ to scroll through the presets. When the correct preset is highlighted press **OK**.
Use the numeric keypad to enter the desired preset number.

Scan Tuning

Touch **SCAN** on the screen and it will tune you to all stations available with good reception for 10 seconds at a time. Touch **SCAN** again to disable.

Local Tuning

Local tuning lets you tune in radio stations with sufficiently strong signals for good reception. In areas that reception is poor, you can switch from local to distance tuning by touching the **LOC** button on the screen.



Download from Www.Somanuals.com. All Manuals Search And Download.

⚠ WARNING ⚠

Upon installation of this Monitor/DVD player ("unit") into a vehicle, the driver of the vehicle must not operate this unit by watching videos or playing video games while driving. Failure to follow this instruction could lead to driver distraction which could result in serious injury or death to the vehicle's occupants or persons outside the vehicle and/or property damage.

Several states prohibit the installation of monitors/DVD players if the screen is visible from the driver's seat. If you reside in a jurisdiction which has enacted such a law, this unit must not be installed so that the screen is visible from the driver's seat. When installing this unit in the front console/dashboard, the unit must be positioned so that it is facing the front passenger seat only. Failure to follow this instruction could lead to driver distraction which could result in serious injury or death to the vehicle's occupants or persons outside the vehicle and/or property damage.

This unit is designed so that it may be operated only when the vehicle is in "Park" and the parking brake is fully engaged. To this end, this unit includes a parking brake lock-out feature which prohibits the unit from operating if the vehicle is not in "Park" and/or the parking brake is not fully engaged. When installing this unit, the installer must connect the parking brake detect wire ("Yellow-Blue Lead") to the parking brake mechanism in order to make the parking brake lock-out feature operable. DO NOT simply ground the parking brake detect wire to a metal portion of the vehicle. Failure to properly install the parking brake lock-out feature could lead to driver distraction which could result in serious injury or death to the driver's occupants or persons outside the vehicle and/or property damage.

Once the parking brake lock-out feature is installed, the owner/user must not attempt to disrupt/neutralize the parking brake lock-out feature by (a) partially engaging the parking brake and/or (b) purchasing/using any device or unit designed to send necessary brake signals to the unit. Failure to follow these instructions could lead to driver distraction which could result in serious injury or death to the driver's occupants or persons outside the vehicle and/or property damage.

When operating this unit, keep the unit's volume level low enough so that the vehicle's occupants can hear traffic-related sounds such as police and emergency vehicles. Failure to follow this instruction could lead to driver distraction which could result in serious injury or death to the vehicle's occupants or persons outside the vehicle and/or property damage.

Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Operation - Parking Brake Initialization

CAUTION !!!
IT'S UNLAWFUL TO OPERATE A VEHICLE WHILE VIDEO IS DISPLAY IN THE DRIVERS VIEWING AREA

ENGAGE EMERGENCY BRAKE TO ENJOY VIDEO

SAFETY WARNING

- The video display of the in-dash unit will not operate while the vehicle is moving. This is a safety feature to prevent driver distraction. In-dash video functions will only operate when vehicle is in Park and the **PARKING BRAKE** is engaged. It is illegal in most states for the driver to view video while the vehicle is in motion. Refer to local laws in your area.
- Audio can be heard while the monitor is closed.
- The vehicle must be in park and the parking brake applied to view video on the in-dash monitor.
- As a safety feature, "**ENGAGE PARKING BRAKE**" blue screen will show on the display when the vehicle's parking brake is not engaged. Video display on the front monitor isn't allowed until the **PARKING BRAKE** is engaged. By connecting the yellow/blue **PARKING BRAKE** wire to brake switch circuit as described below, DVD and AV1 audio can be heard while the vehicle is in motion without engaging the parking brake.

Front TFT Video Initialization

Follow these two initialization procedures carefully to allow video playback on XDVD8183 front panel TFT:

There are two situations that start the PARKING BRAKE sequence.

Parking Brake Initialization Situation 1

First situation is while driving:
1) Stop vehicle, put in Park, make sure PARKING BRAKE is off/released
2) Depress PARKING BRAKE for 1 second
3) Release PARKING BRAKE for 1 second
4) Depress PARKING BRAKE permanently

Note:
Once above procedure 1-4 is completed, video will display in approximately 6 seconds.

Parking Brake Initialization Situation 2

Second situation is while already parked and the PARKING BRAKE is already applied:
1) Keep vehicle in Park, PARKING BRAKE should be on
2) Release PARKING BRAKE for 1 second
3) Depress PARKING BRAKE for 1 second
4) Release PARKING BRAKE for 1 second
5) Depress PARKING BRAKE permanently

Notes:
Once 2nd procedure 1-5 is completed, video will display in approximately. 6 seconds. The transition time must be less than 2 seconds between depress and release. This procedure will have to repeated if the IGN is turned off.

Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Operation

DVD Region Management

Some DVD discs can be played only in certain playback modes according to the intentions of the software. As the XDVD8183 plays discs according to their intentions, some functions may not work as intended. Please be sure to read the instructions provided with each disc. This player has been designed to play back DVD software that has been encoded for specific region areas. It cannot play back DVD software encoded for other region areas than the region areas for which it has been designed.

The XDVD8183 will play discs labeled “Region 1” or “All”.

DVD region codes:

1 - USA, Canada
2 - Japan, Europe, South Africa, Middle East
3 - Rep. of Korea, Taiwan, Hong Kong, Parts of Southeast Asia
4 - Australia, New Zealand, Mexico, South America
5 - Eastern Europe, Russia, India, Africa
6 - China

DVD Disc Symbols

Symbol	12cm Disc Properties	Max Play Time
DVD VIDEO DVD VIDEO	Single side single layer (DVD-5) Single side double layer (DVD-9) Double side single layer (DVD-10) Double side double layer (DVD-18)	(MPEG 2 Method) 133 minutes 242 minutes 266 minutes 484 minutes
COMPACT disc DIGITAL VIDEO	Single side single layer (VCD)	(MPEG 1 Method) 74 minutes
COMPACT disc DIGITAL AUDIO TEXT	Single side single layer	74 minutes

Symbol	Meaning
8	Number of voice languages recorded. The number inside the icon indicates the number languages on the disc (maximum of 8).
32	Number of subtitle languages available on the disc (maximum of 32).
9	Number of angles provided (maximum of 9).
16:9 LB	Aspect ratios available. “LB” stands for Letter Box and “PS” stands for Pan/Scan. In the example on the left, the 16:9 video can be converted to Letter Box video.
ALL	Indicates the region code where the disc can be played. · Region 1: USA, Canada, East Pacific Ocean Islands · Region 2: Japan, Western Europe, Northern Europe, Egypt, South Africa, Middle East · Region 3: Taiwan, Hong Kong, South Korea, Thailand, Indonesia, South-East Asia · Region 4: Australia, New Zealand, Middle and South America, South Pacific Ocean Islands/ Oceania · Region 5: Russia, Mongolia, India, Middle Asia, Eastern Europe, North Korea, North Africa, North-West Asia

Notes:
Some DVD discs can be played only in certain playback modes according to the intentions of the software.
As the XDVD8183 plays discs according to their intentions, some functions may not work as intended. Please be sure to read the instructions provided with each disc.

Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Operation - Inserting a Disc

Insert CD/DVD with label facing upwards

Inserting a Disc

With the label facing up, insert a standard size disc into the slot. The panel will close and the disc will automatically begin playback. Other sub-menus may have to be pressed to access the DVD movie/music content. Read the directions of your specific DVD disc for other features.

Note: If PARENTAL Lock is activated and the disc inserted is not authorized, a 4-digit code must be entered and/or the disc be authorized. See "RATING MENU" on page 49.
Note: Only one disc can be inserted at a time.

Ejecting the Disc

Press the **EJECT** button.

Resetting the Loading Mechanism

If the disc loads abnormally or an system error occurs, press and hold the eject button for 3 seconds to reset the loading mechanism. The disc will eject and normal operation should resume.

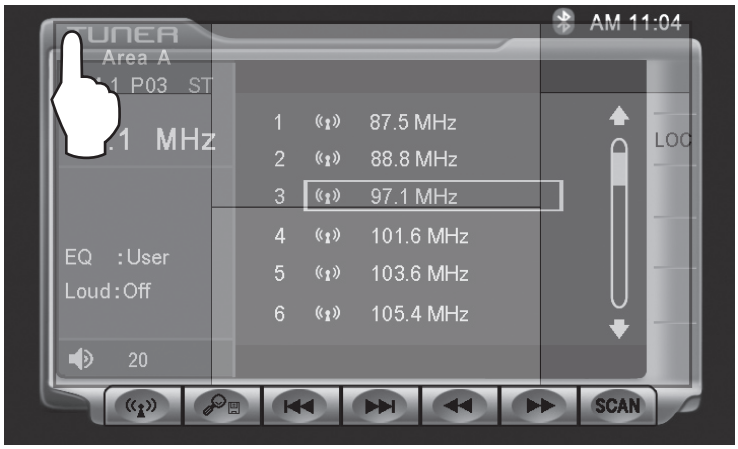
Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Operation - Touch Screen Controls

Hidden Touch Screen area while in TUNER mode

There are several hidden **TOUCH SCREEN** areas as outlined below:

"A" area can be used in any mode to access **MAIN** menu.



Hidden Touch Screen areas while in DVD mode

"A-F" areas can be used in **DVD** mode to access:

A - Displays **MAIN** menu
B - Displays **DVD** disc information
C - Selects **PREVIOUS** chapter
D - Selects **NEXT** chapter
E - Displays the full **DVD** transport controls
F - Displays **GOTO** search menu

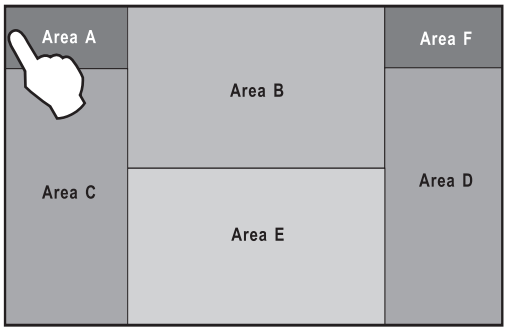
Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Operation - Touch Screen Controls

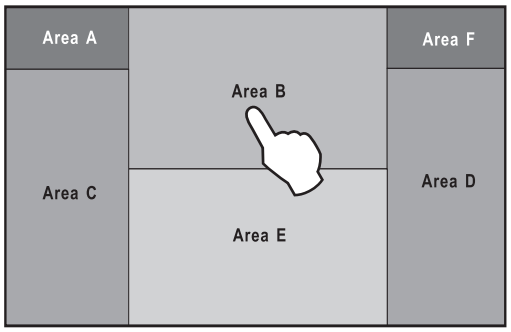
Using the hidden Touch Screen Controls

A - Displays **MAIN** menu
B - Displays **DVD** disc information
C - Selects **PREVIOUS** chapter
D - Select **NEXT** chapter
E - Displays the full **DVD** transport controls
F - **GOTO** search menu

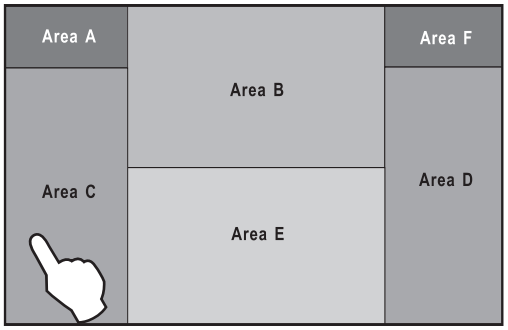
Note:
A DVD disc must be inserted to access these functions and features.



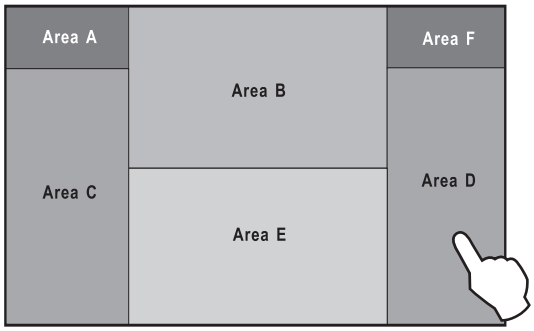
AREA A
Access MAIN Menu



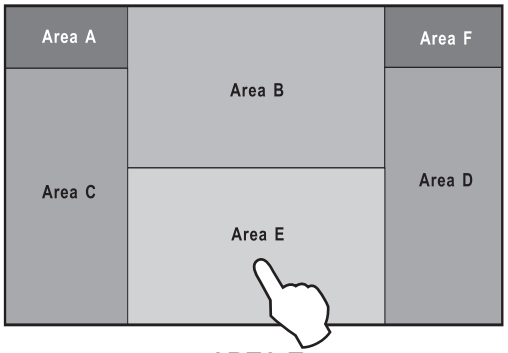
AREA B
Displays Disc Information



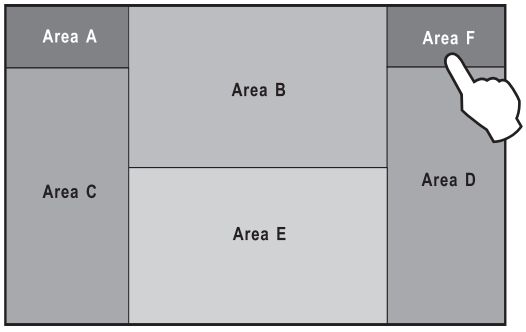
AREA C
Selects PREVIOUS Track



AREA D
Selects NEXT Track



AREA E
Displays DVD Transport Controls

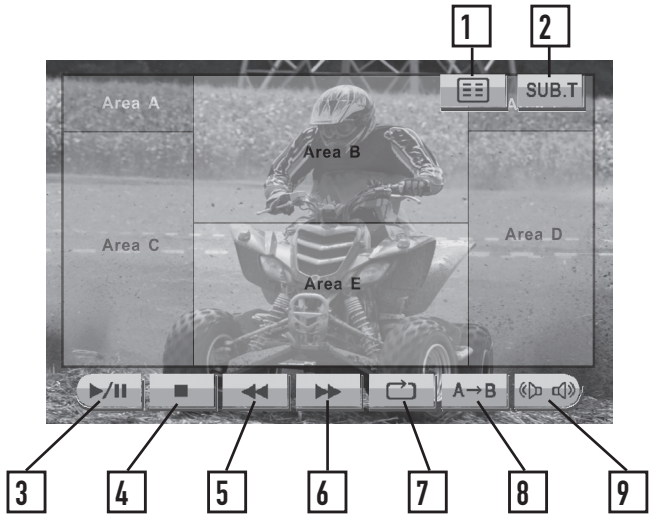


AREA F
DVD Search

Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Operation - Touch Screen Controls

Using the hidden Touch Screen Controls



Touch AREA E

DVD Mode

From the main menu, touch the DISC icon on the screen to select DVD mode.

1 Title Menu
Jumps to the DVD Title menu.

2 Sub-Title Mode
Activates sub-titles and cycles between multiple sub-title languages.

3 Play/Pause
Touch the ▶/II icon to temporarily stop or resume playback.

4 Stop
Touch the ■ icon to stop the chapter where it is.

5 Fast Reverse
Touch the ◀◀ icon to fast reverse at 2x speed.
Each touch changes speed from 2x to 4x to 8x to 20x then back to 1x play.

6 Fast Forward
Touch the ▶▶ icon to fast forward at 2x speed.
Each touch changes speed from 2x to 4x to 8x to 20x then back to 1x play.

7 Repeat
Touch the ↻ icon to repeat the current chapter or title. This icon will remain highlighted until touched a third time to disable.

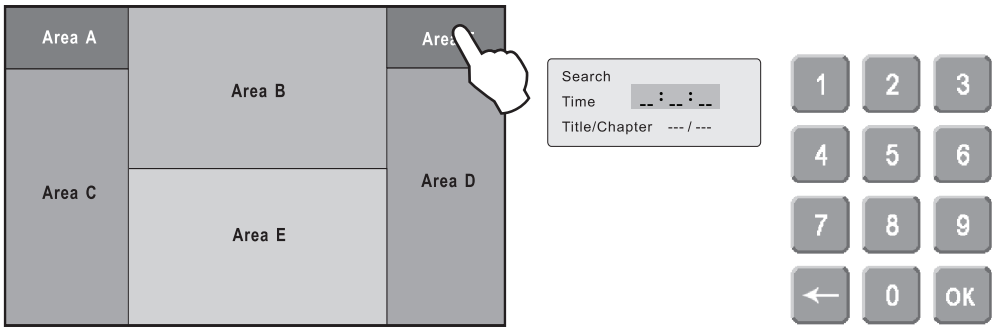
8 Repeat A-B
Touch the **A→B** icon once to select a start point. Touch it a second time to select and end point. The **A→B** icon will illuminate and the DVD will then loop from the start point to the end point until touched a third time.

9 Audio Mode
Touch this icon to activate alternate audio modes on DVD's that have alternate audio streams.

Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Operation - Searching a DVD

Searching a DVD



Searching by Time, Title or Chapter

Touch Area F to bring up the Search Window. The Search Window allows a search for a specific time, title or chapter.

Search by TIME example

To search for a specific time, touch the **--:--:--** area and an on-screen keyboard will pop up. Use the keyboard to enter a time and touch **OK**. (For example, to skip to 1 hour, 12 minutes and 19 seconds into the DVD, touch: **1 1 2 1 9 OK**.)

To search for a specific title and/or chapter, touch the **--- / ---** area and an on screen keyboard will pop up. Use the keyboard to enter a title and chapter and touch **OK**. This can be used to select a specific chapter in the current title, a new title or a specific chapter in a new title. (For example, to skip to a specific chapter within the current title, touch the **---** on the right and use the keyboard to enter a chapter number, then touch **OK**.

To skip to a different title and start from the beginning, touch the **---** on the left and the keyboard to enter a title number, then touch **OK**. To skip to a specific chapter in a new title: touch the left **---** and use the keyboard to enter a title number, DO NOT touch **OK**, then touch the right **---** and use the keyboard to enter a chapter number, Then touch **OK**.)

From the remote control:
Press **SRCH** to bring up the search window, then use the arrows to highlight either the time, title or chapter field and use the numeric keypad to enter the appropriate information and press **OK**.

Notes:
Some DVD discs can be played only in certain playback modes according to the intentions of the software. As the XDVD8183 plays discs according to their intentions, some functions may not work as intended. Please be sure to read the instructions provided with each disc.

Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Operation

Playback Control

Touch Area E to bring up the on-screen buttons.
Touch ▶▶ to fast forward or ◀◀ to fast reverse.
Each subsequent press of the button will change the speed from normal to 2x to 4x to 8x to 20x and back to 1x.

From the front panel:
Press ▶▶ to fast forward.
Press ◀◀ to fast reverse.

From the remote control:
Press ▶▶ to fast forward.
Press ◀◀ to fast reverse.

Repeat Mode

Touch the Repeat button to repeat either a chapter or title. The first touch activates **Repeat Chapter** mode and a second touch activates **Repeat Title** mode. When either mode is active, the Repeat button will be illuminated, and touching it a third time will disable **Repeat Mode**.

From the remote control:
Press ↻ to select Repeat Chapter, Repeat Title and Repeat Off modes.

Note: The **Repeat Mode** can only be changed while the DVD is playing.

Repeat A->B

Touch the **A→B** icon once to select a start point. Touch it a second time to select and end point. The **A→B** icon will illuminate and the DVD will then loop from the start point to the end point until touched a third time.

From the remote control:
Press **A→B** to select a start point and stop point. Press a third time to deactivate.

Play/Pause

Touching Play/Pause will temporarily stop playback of the DVD. Touching it again will resume playback,

Press the **PLAY/PAUSE** button to pause or resume the DVD.

From the remote control:
Press **OK** to temporarily stop and resume playback.

Stop

Touch Stop to stop playback. Pressing Play at this point will resume playback. If Stop is touched a second time, then playback stops completely and will restart from the beginning of the disc.

From the remote control:
Press ■ to stop playback of the current chapter.

Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Operation

Sub-Titles

Touch the **SUB.T** button to activate **Sub-Title** mode and select a sub-title language. Each touch will cycle the mode from off to language 1, language 2, etc., and back to off.

From the remote control:
Press the **SUB-T** button to control **Sub-Title** mode.

Notes:
- Not all DVDs have sub-titles and when they do, some will only have 1 language. Therefore this function may be disabled or limited.
- The **Sub-Title Mode** can only be changed while the DVD is playing.

Audio Mode

Touch the **Audio Mode** icon to change the audio stream. Each touch will cycle the language.

From the remote control:
Press the **AUDIO** button to control the **Audio Mode**.

Notes:
- Not all DVDs have multiple languages, therefore this function may be disabled or limited.
- The **Audio Mode** can only be changed while the DVD is playing.

DVD Disc Information

Touch Area B to bring up the **DVD Disc Information**, which includes:
Current/Total Titles and Chapters, elapsed time for current title, EQ Mode and Loudness setting and current time.

Press the **PIC** button to bring up the **DVD Disc Information**.

From the remote control:
Press the **INFO** button to bring up the **DVD Disc Information**.

Zoom Mode

From the remote control:
Press the **ZOOM** button to activate **Zoom Mode**.
Each subsequent press of the button will change the magnification from normal to 1 to 2 to 3 to 4 and back to normal.
When **Zoom Mode** is active, the arrows on the remote will pan the screen up, down, right and left.

DVD Title Menu

Touch the Title Menu icon to return to the DVD's main menu.

From the remote control:
Press **TITLE** to return to the DVD's main menu.
Press **ROOT** to move up one level on the DVD's menus. (For example, when viewing bonus materials, the **ROOT** button will return to the bonus menu instead of the main menu.) Pressing **ROOT** again will usually return to the current chapter.

Note: On some DVD's the **TITLE** and **ROOT** buttons may be reversed.

Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Setup Menu - Language

LANGUAGE Setup Menu

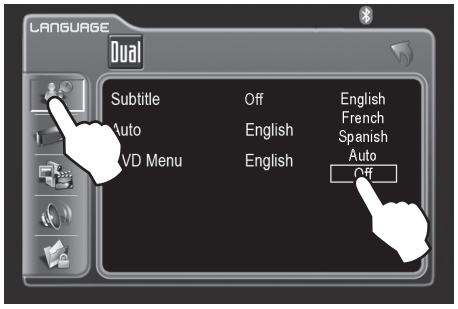
Note:
A DVD disc must be inserted to access these functions and features.

With the unit in DVD mode, press AREA A (top left screen) to display the MAIN menu. Press **DVD Setup** to access the DVD setup menu.

Press the **LANGUAGE** icon to select **LANGUAGE** setup page.

Disc Subtitle

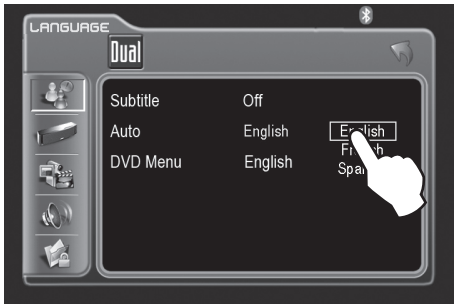
Press to select desired disc subtitle language.



English
French
Spanish
Auto
Off = DEFAULT

Audio Language

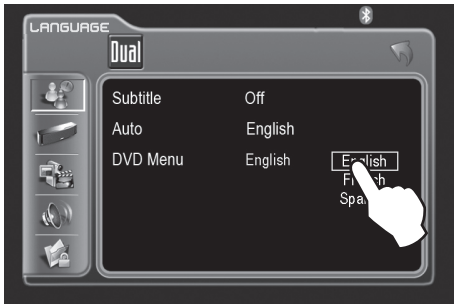
Press to select desired disc audio language.



English = DEFAULT
French
Spanish

DVD Menu

Press to select desired disc menu language.



English = DEFAULT
French
Spanish

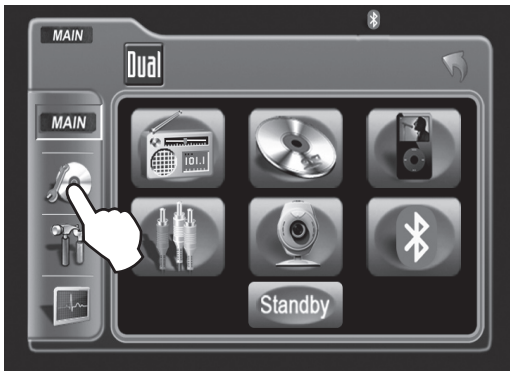
Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Setup Menu - Audio

Audio Setup Menu

With the monitor open in DVD mode, press the AREA A (top left screen) to display the MAIN menu. Press **DVD Setup** to access the DVD setup menu.

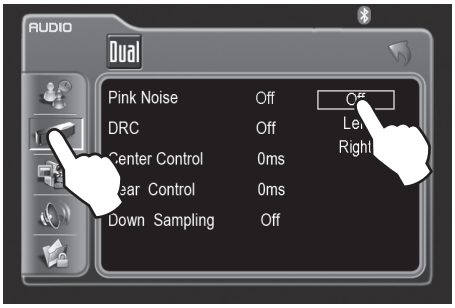
Note:
A DVD disc must be inserted to access these functions and features.



Press **AUDIO** icon to select from the following menus:

Pink Noise

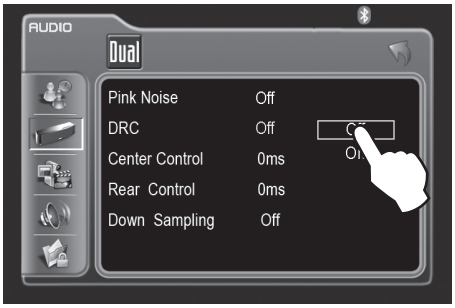
Press to activate pink noise generator for the desired channel. The pink noise generator is used to set the relative speaker levels for multi-channel playback.



<u>Downmix (2-channel) Settings</u>
Off = DEFAULT
Left
Right

Dynamic Range Control

Select On to activate dynamic range control.



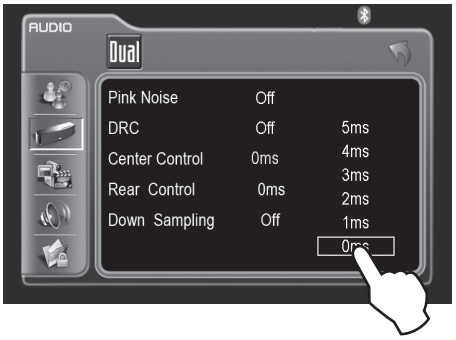
Off = DEFAULT
On

Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Setup Menu - Audio

Center Control

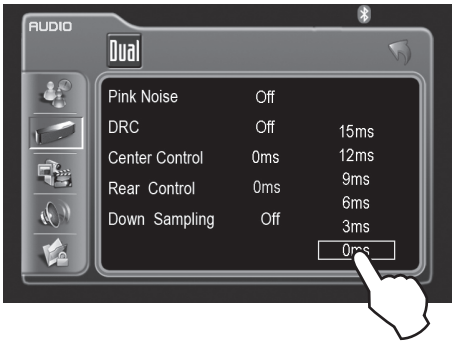
Press to select desired center channel time delay. The distance is defined in milliseconds.



5ms
4ms
3ms
2ms
1ms
0ms = DEFAULT

Rear Control

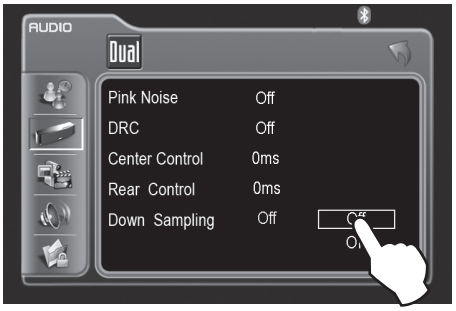
Press to select desired rear channel time delay. The distance is defined in milliseconds.



15ms
12ms
9ms
6ms
3ms
0ms = DEFAULT

Down Sampling

Select On to activate audio down sampling. The DVD audio output will be downsampled to 48kHz. The original sampling frequency is preserved when Off is selected.



Off = DEFAULT
On

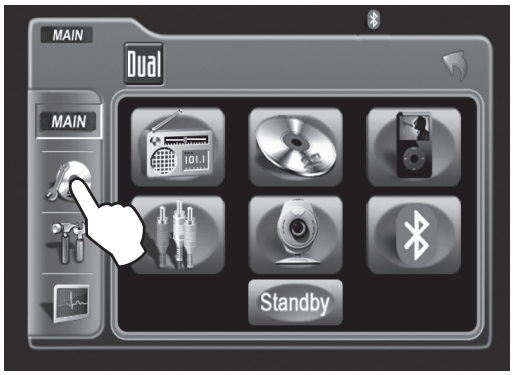
Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Setup Menu – Video

Video Setup Menu

Note:
A DVD disc must be inserted to access these functions and features.

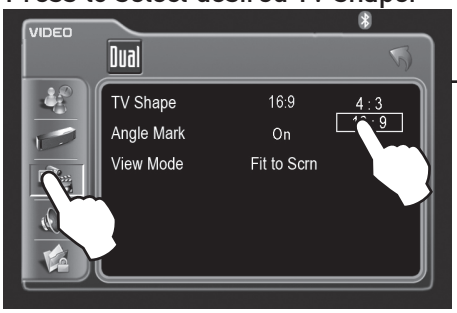
With the unit in DVD mode, press AREA A (top left screen) to display the MAIN menu. Press **DVD Setup** to access the DVD setup menu.



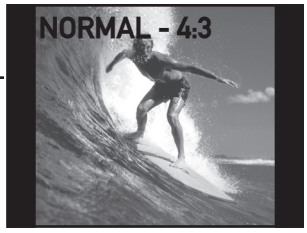
Press the **VIDEO** icon to select **from the following menus:**

TV Shape

Press to select desired TV shape.

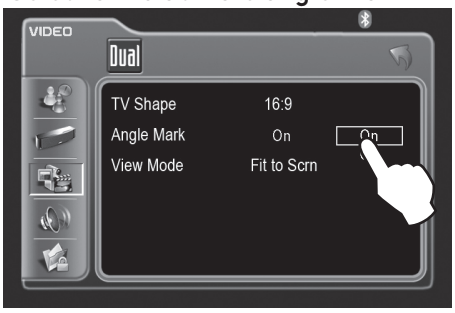


4:3
16:9 = DEFAULT



Angle Mark

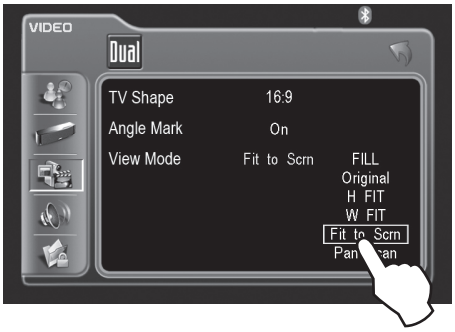
Select On to activate angle mark.



On = DEFAULT
Off

View Mode

Press to select desired view mode.



FILL
Original
H FIT
W FIT
FIT to Screen = DEFAULT
Pan Scan

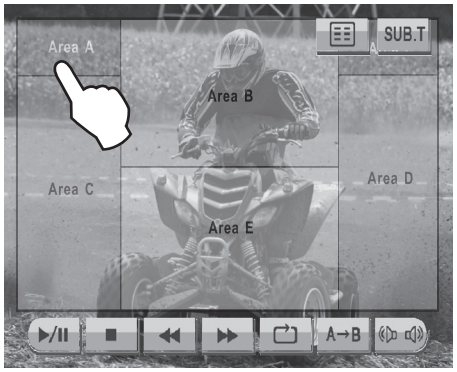
Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Setup Menu - Speaker

Speaker Setup Menu

With the monitor open in DVD mode, press the AREA A (top left screen) to display the MAIN menu. Press **DVD Setup** to access the DVD setup menu.

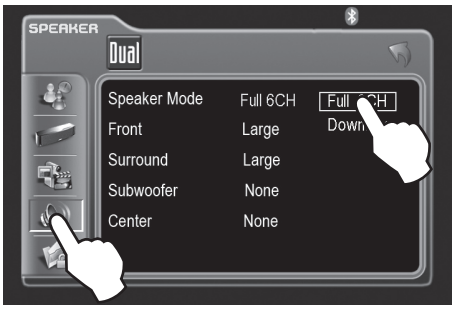
Note:
A DVD disc must be inserted to access these functions and features.



Press **SPEAKER** icon to select **from the following menus:**

Speaker Mode

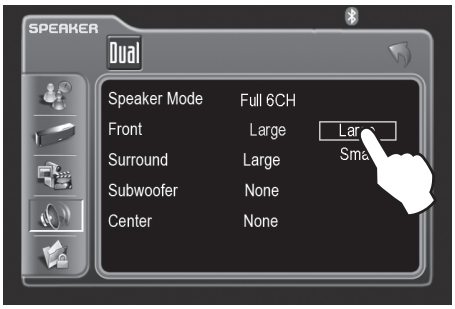
Select desired speaker output mode.



Full 6CH
DownMix = DEFAULT

***Front Speaker Size**

Select size of front speaker.



Large = DEFAULT
Small

Note: *Full 6CH mode must be selected to adjust the front speaker size.

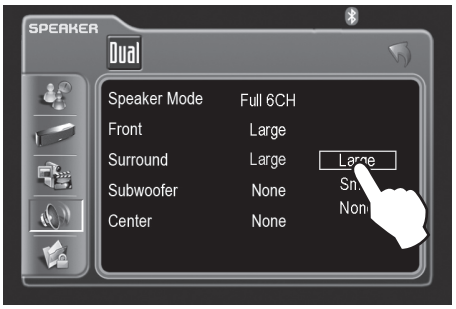
Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Setup Menu - Speaker

***Surround Speaker Size**

Select size of surround speaker.

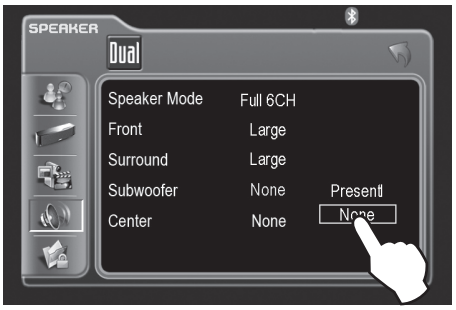
Note:
A DVD disc must be inserted to access these functions and features.



Large = DEFAULT
Small
None

***Subwoofer Speaker**

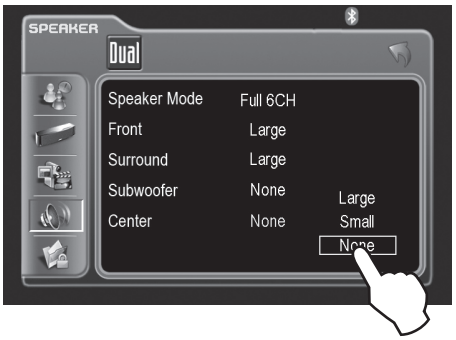
Select Present if a subwoofer is included in your system.



Present
None = DEFAULT

***Center Speaker Size**

Press to select size of center speaker.



Large
Small
None = DEFAULT

Note: *Full 6CH mode must be selected to adjust the surround speaker size, subwoofer speaker and center speaker size.

Download from Www.Somanuals.com. All Manuals Search And Download.

DVD Setup Menu - Rating

Rating Setup Menu

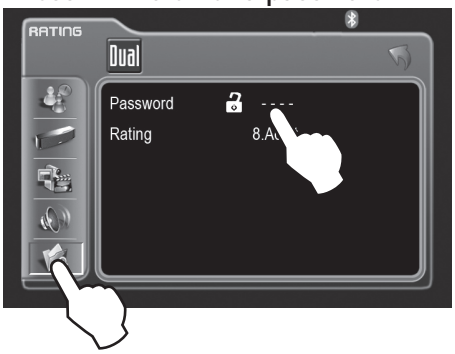
With the monitor open in DVD mode, press the AREA A (top left screen) to display the MAIN menu. Press **DVD Setup** to access the DVD setup menu.

Note:
A DVD disc must be inserted to access these functions and features.

Press **RATING** icon to select **from the following menus:**

Enable Parental Lock Password

Press ---- to enter a password.

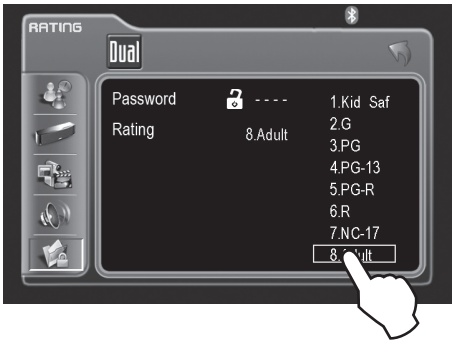


Setting Parental Lock Password

1. Enter a 4-digit code.
2. Write the code down.
3. Save in a safe place.

Rating Setting

When unlock symbol is displayed, select desired rating.



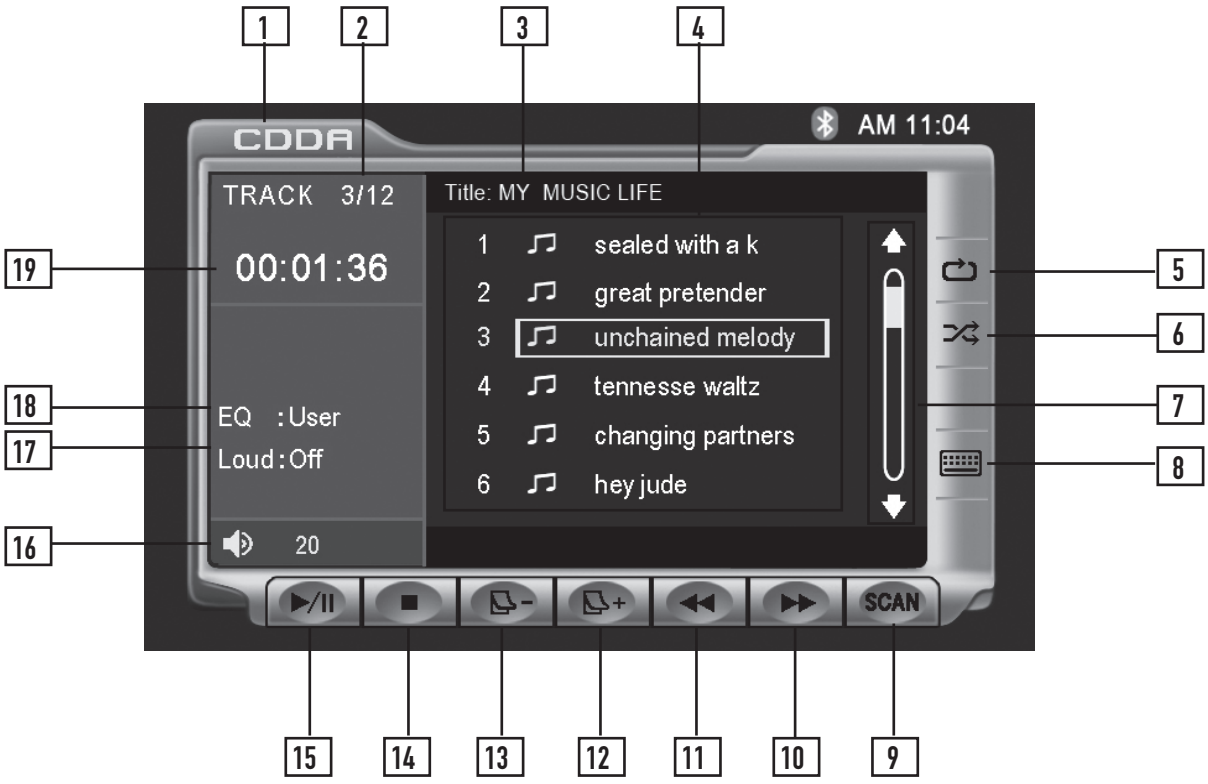
1. Kid Safe
2. G
3. PG
4. PG-13
5. PG-R
6. R
7. NC-17
8. Adult = DEFAULT

Parental Password Override

In the event you forget or loose your **PARENTAL LOCK** password, enter 9991.

Download from Www.Somanuals.com. All Manuals Search And Download.

CD Operation - OSD Overview



CD Mode

From the main menu, touch the **DISC** icon on the screen to select CD mode.

1 Current Source Indicator
Displays Source Currently Playing.

2 Track Number Indicator
Displays current track number and total number of tracks on the disc.

3 Disc Title Indicator
Displays current disc title when available.

4 Track Title List
Displays up to 6 tracks on the disc in order, with track title, when available.

5 Repeat
Touch the icon to repeat current track. This icon will remain highlighted until touched to disable.

6 Shuffle
Touch the icon to shuffle all tracks on the disc. This icon will remain highlighted until touched to disable.

Download from Www.Somanuals.com. All Manuals Search And Download.

CD Operation - OSD Overview

7 Scroll bar
Allows scrolling of track list.

8 Direct Select Keyboard
Touch the icon to display a numeric keyboard. Enter desired track number and touch **OK** to select it.

9 Track Scan
Touch the SCAN icon to listen to 10 seconds of each track in order. This icon will remain highlighted until touched to disable.

10 Fast Forward
Touch the ▶▶ icon to fast forward at 2x speed.
Each touch changes speed from 2x to 4x to 8x to 20x then to 1x play.

11 Fast Reverse
Touch the ◀◀ icon to fast reverse at 2x speed.
Each touch changes speed from 2x to 4x to 8x to 20x then to 1x play.

12 Page Up
Touch the + icon to see the next 6 tracks on the disc.

13 Page Down
Touch the - icon to see the previous 6 tracks on the disc.

14 Stop
Touch the ■ icon to stop the song where it is.

15 Play/Pause
Touch the ▶/❚❚ icon to temporarily stop or resume playback.

16 Volume Indicator
Indicates current volume level, controlled by rotary encoder.

17 Loudness Indicator
Touch screen here to enter Audio Setup Menu.

18 EQ Indicator
Touch screen here to enter Audio Setup Menu.

19 Track Time Indicator
Shows how much time has elapsed in the current track.

Download from Www.Somanuals.com. All Manuals Search And Download.

CD Operation

Playing CD-DA discs

After inserting a CD disc, files will play in numerical order in the directory.

Selecting by Keypad

Touch ⌨ to display keypad. Enter desired track number and press OK.

Selecting by Direct Track Access

Touch desired track for DIRECT TRACK access.

Previous/Next Page

Touch to view UP/DOWN pages of available tracks.

Download from Www.Somanuals.com. All Manuals Search And Download.

CD Operation

Page Up/Down

The Page Up and Page Down on-screen buttons can be used to see the rest of the tracks on the CD. Use the Direct Select method to play a desired track.

From the remote control:
Press ▶ to display the next page.
Press ◀ to display the previous page.

Track Select

Press ⏭ button to skip to the next track.
Press ⏮ button to skip to the previous track.

From the remote control:
Press ⏭ to skip to the next track.
Press ⏮ to skip to the previous track.

Note: Press ⏮ once to return to the beginning of the current track. Press a second time to skip to the previous track.

Direct Select

To select a desired track from the track title list, touch any track on the list.

Use the up and down arrows on screen to scroll through the tracks. Once highlighted, simply touch the screen at the appropriate track.

Using the Rapid Dial rotary encoder:
• Select desired track by rotating the right rotary encoder clockwise or counter-clockwise.
• Press to confirm/ENTER.

From the remote control:
Press ▲ or ▼ to scroll through the tracks. When the correct track is highlighted press **OK**.

Direct Track Entry

Touch the ⌨ icon to display a numeric keyboard. Enter desired track number and touch **OK** to select it.

From the remote control:
Use the numeric keypad to enter the desired track number.

Play Control

You can use the Fast Forward or Fast Reverse on-screen buttons to speed up the playback of a track. Each subsequent press of the button will change the speed from normal to 2x to 4x to 8x to 20x and back to 1x.

Press ⏩ to fast forward.
Press ⏪ to fast reverse.

From the remote control:
Press ⏩ to fast forward.
Press ⏪ to fast reverse.

Download from Www.Somanuals.com. All Manuals Search And Download.

CD Operation

Shuffle Mode

Touch the Shuffle button to shuffle all of the tracks on the CD. The Shuffle button will be illuminated while **Shuffle Mode** is active. When the button is illuminated, touching it a second time will disable **Shuffle Mode**.

Notes: The shuffled order of the songs is fixed, therefore the Track Select operations will continue to operate properly within the shuffled order. Therefore using **Next Track** will move to the next shuffled track, while **Previous Track** will return to the start of the current track and then a second press will return to the previously played track.

Repeat Mode

Touch the Repeat button to repeat a track. When **Repeat Mode** is active, the Repeat button will be illuminated, and touching it again will disable **Repeat Mode**.

From the remote control:
Press ↻ to select Repeat. Press it a second time to disable Repeat.

Note: **Shuffle** and **Repeat** modes can not be used simultaneously and engaging one mode will cancel the other mode (if active.)

Scan Mode

Touch **SCAN** on the screen to listen to all tracks on the CD for 10 seconds at a time, starting from the first track on the CD. The Scan button will be illuminated while **Scan Mode** is active. When the button is illuminated, touching it a second time will disable **Scan Mode**.

From the remote control:
Press **TITLE** to activate and disable **Scan Mode**.

Play/Pause

Touching Play/Pause will temporarily stop playback of the current track. Touching it again will resume playback,

Press **PLAY/PAUSE** to pause or resume the song.

From the remote control:
Press **OK** to temporarily stop and resume playback.

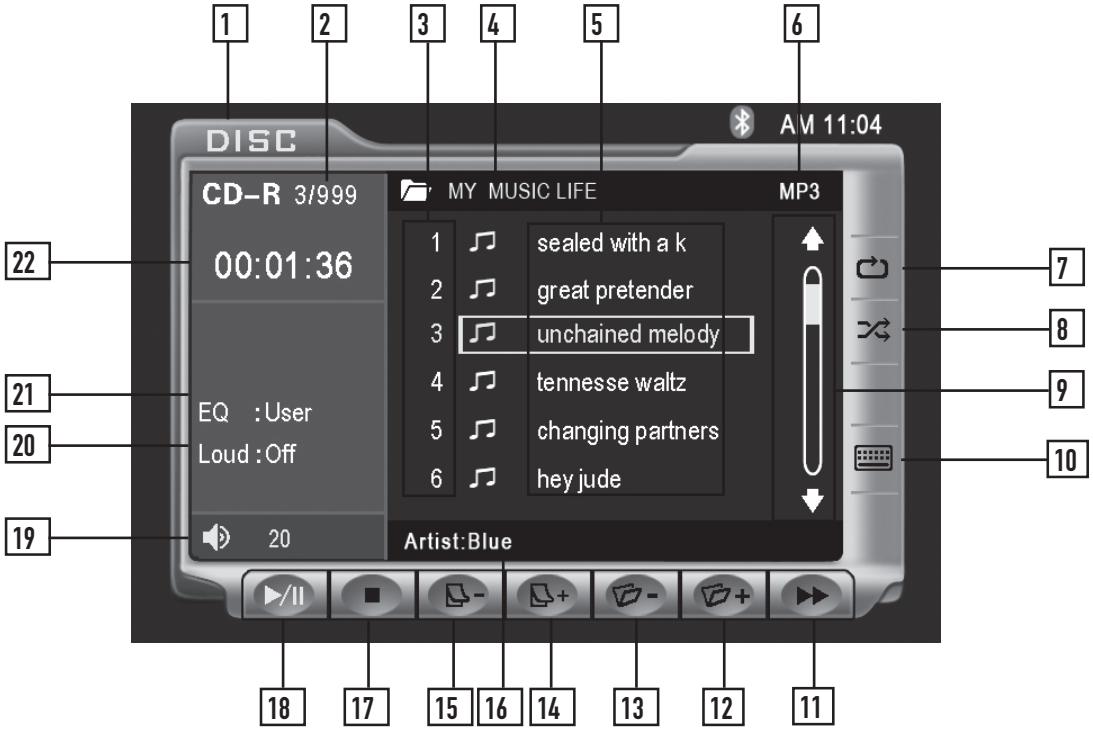
Stop

Touch Stop to stop playback of the current track. Pressing Play at this point will resume playback. If Stop is touched a second time, then playback stops completely and will restart from the beginning of the CD.

From the remote control:
Press ■ to stop playback of the current song.

Download from Www.Somanuals.com. All Manuals Search And Download.

MP3/WMA Operation - OSD Overview



MP3/WMA Mode

From the main menu, touch the **DISC** icon on the screen to select MP3/WMA mode.

1 Current Source Indicator
Displays source currently playing.

2 Song Number Indicator
Displays current song number and total number of songs on the disc.

3 Master Song Number List
Shows the number of the song relative to the entire disc.

4 Folder
Displays the name of the currently selected folder.

5 Filename List
Displays up to 6 songs in the current folder in order, with filename.

6 File Type Indicator
Displays type of song file, either **MP3** or **WMA**.

7 Repeat
Touch icon to repeat current song or folder. This icon will remain highlighted until touched a third time to disable.

8 Shuffle
Touch icon to shuffle all songs on the disc. This icon will remain highlighted until touched to disable.

Download from Www.Somanuals.com. All Manuals Search And Download.

MP3/WMA Operation - OSD Overview

9 Scroll bar
Allows scrolling of song list.

10 Direct Select Keyboard
Touch the icon to display a numeric keyboard. Enter desired song number and touch **OK** to select it.

11 Fast Forward
Touch ▶▶ icon to fast forward at 2x speed.
Each touch changes speed from 2x to 4x to 8x to 20x then to 1x play.

12 Next Folder
Pressing this button will select the next available folder.

13 Previous Folder
Pressing this button will select the previous available folder.

14 Page Up
Touch the icon to see the next 6 songs in the folder.

15 Page Down
Touch the icon to see the previous 6 songs in the folder.

16 Information
Displays available information for the current song.

17 Stop
Touch ■ icon to stop the song where it is.

18 Play / Pause
Touch ▶/❚❚ icon to temporarily stop or resume playback.

19 Volume Indicator
Indicates current volume level, controlled by rotary encoder.

20 Loudness Indicator
Touch screen here to enter the Audio Setup Menu.

21 EQ indicator
Touch screen here to enter the Audio Setup Menu.

22 Elapsed Time Indicator
Shows the elapsed time of the current song.

Download from Www.Somanuals.com. All Manuals Search And Download.

MP3/WMA Operation

Page Up/Down

From the remote control:
Press ▶ to display the next page.
Press ◀ to display the previous page.

Note: Continued operation of the Page Up and Page Down buttons will display the next and previous folders, respectively once the songs in the current folder have all been displayed.

Note that the Folder Select and Page Up/Down buttons will not select a song, but simply display more songs on the disc, and if another song is not selected within 5 seconds of the last press then the screen will return to the currently playing song/folder.

Song Select

Press ⏭ button to skip to the next song.
Press ⏮ button to skip to the previous song.

From the remote control:
Press ⏭ to skip to the next song.
Press ⏮ to skip to the previous song.

Note: Press ⏮ once to return to the beginning of the current song. Press a second time to skip to the previous song.

Direct Select

To select a desired song from the filename list, touch any of the displayed filenames from the list.

Use the up and down arrows on screen to scroll through the songs. Once highlighted, simply touch the screen at the appropriate name.

Using the Rapid Dial rotary encoder:
• Select desired track by rotating the right rotary encoder clockwise or counter-clockwise.
• Press to confirm/ENTER.

From the remote control:
Press ▲ or ▼ to scroll through the songs. When the correct song is highlighted press **OK**.

Direct Song Entry

Touch the ⌨ icon to display a numeric keyboard. Enter desired song number and touch **OK** to select it.

From the remote control:
Use the numeric keypad to enter the desired song number.

Download from Www.Somanuals.com. All Manuals Search And Download.

MP3/WMA Operation

Song Control

You can use the Fast Forward on-screen button to speed up the playback of a song. Each subsequent press of the button will change the speed from normal to 2x to 4x to 8x to 20x and back to 1x.

Press ⏩ on front panel to fast forward.
Press ⏪ on front panel to fast reverse.

From the remote control:
Press ⏩ to fast forward.
Press ⏪ to fast reverse.

Note: Song control only works for MP3 type files and there is no audio output while song control is active.

Shuffle Mode

Touch the Shuffle button to shuffle all of the songs on the disc. The Shuffle button will be illuminated while **Shuffle Mode** is active. When the button is illuminated, touching it a second time will disable **Shuffle Mode**.
Note: The shuffled order of the songs is fixed, therefore the Song Select operations will continue to operate properly within the shuffled order. Therefore using **Next Song** will move to the next shuffled song, while **Previous Song** will return to the start of the current song and then a second press will return to the previously played song.

Repeat Mode

Touch the Repeat button to repeat either a song or folder. The first touch activates **Song Repeat** mode and a second touch activates **Folder Repeat** mode. When either mode is active, the Repeat button will be illuminated, and touching it a third time will disable **Repeat Mode**.

From the remote control:
Press 🔁 to select Song Repeat, Folder Repeat and Repeat Off modes.

Note: **Shuffle** and **Repeat** modes can not be used simultaneously and engaging one mode will cancel the other mode (if active.)

Play/Pause

Touching Play/Pause will temporarily stop playback of the current song. Touching it again will resume playback,

From the remote control:
Press **OK** to temporarily stop and resume playback.

Stop

Touch Stop to stop playback of the current song. Pressing Play at this point will resume or restart playback from the beginning of the current song.
If Stop is touched a second time, then playback stops completely and will restart from the beginning of the disc.

From the remote control:
Press ■ to stop playback of the current song.

Download from Www.Somanuals.com. All Manuals Search And Download.

Media Compatibility

Media Compatibility

The following types of discs/files are compatible:
- CD-ROM (ISO), CD-R, CD-RW, DVD+R/RW, DVD-R/RW
- CD-DA, DVD Video
- MP3 data
- WMA data

The following types of discs/files are not compatible:
- WMA files that are protected by DRM (Digital Rights Management)
- WMA lossless format
- Discs recorded with Track At Once or packet writing
- MP3 PRO format
- MP3 playlists
- WAV format
- WMV format
- JPG format
- DivX format
- AVI format
- MPG format

Some recordable DVDs and CDs may be incompatible with this unit, depending on media type and recording method.

Playback Order

MP3/WMA playback sequence is based on recorded order of files and begins in the root folder of the disc. Any empty folders or folders that do not include MP3/WMA files are skipped. This unit may not play files in the order they were recorded in. Refer to your recording software's user's manual for more information.

Compatible Recording Formats

- ISO9660 level 1
- ISO9660 level 2
- Yellow Book MODE 1
- Yellow Book MODE 2 FORM 1
- Multi session
- Maximum files - 1500
- Maximum folder levels - 8
- MPEG-1/2 Audio Layer-3

ISO9660 standards:
- Maximum nested folder depth is 8 (including the root folder).
- Valid characters for folder/file names are letters A-Z (all caps), numbers 0-9, and "_" (underscore). Some characters may not be displayed correctly, depending on the character type.
- This device can play back discs in Joliet and other standards that conform to ISO9660. MP3/WMA written in the formats other than the above may not play and/or their file names or folder names may not be displayed properly.

Download from Www.Somanuals.com. All Manuals Search And Download.

Media Compatibility

Additional MP3/WMA Information

An internal buffer provides ESP (Electronic Skip Protection) to virtually eliminate skipping.

When playing a disc recorded with regular audio files (CD-DA or .WAV) and MP3/WMA files, the unit will play the MP3/WMA files only.

Only MP3 files with filename extension (.mp3) can be played.
Only WMA files with filename extension (.wma) can be played.

Do not attempt to play discs which contain non-MP3/WMA files with the MP3/WMA extension.

Sampling Frequency Rates

MP3 32kHz ~ 48kHz

WMA 32kHz ~ 48kHz

Transfer Bit rates

MP3 40kbps ~ 320kbps constant
Variable bit rates

WMA 40kbps ~ 192kbps constant
Variable bit rates

Note:
Some files may not play or be displayed correctly, depending on sampling rates and bit rates.

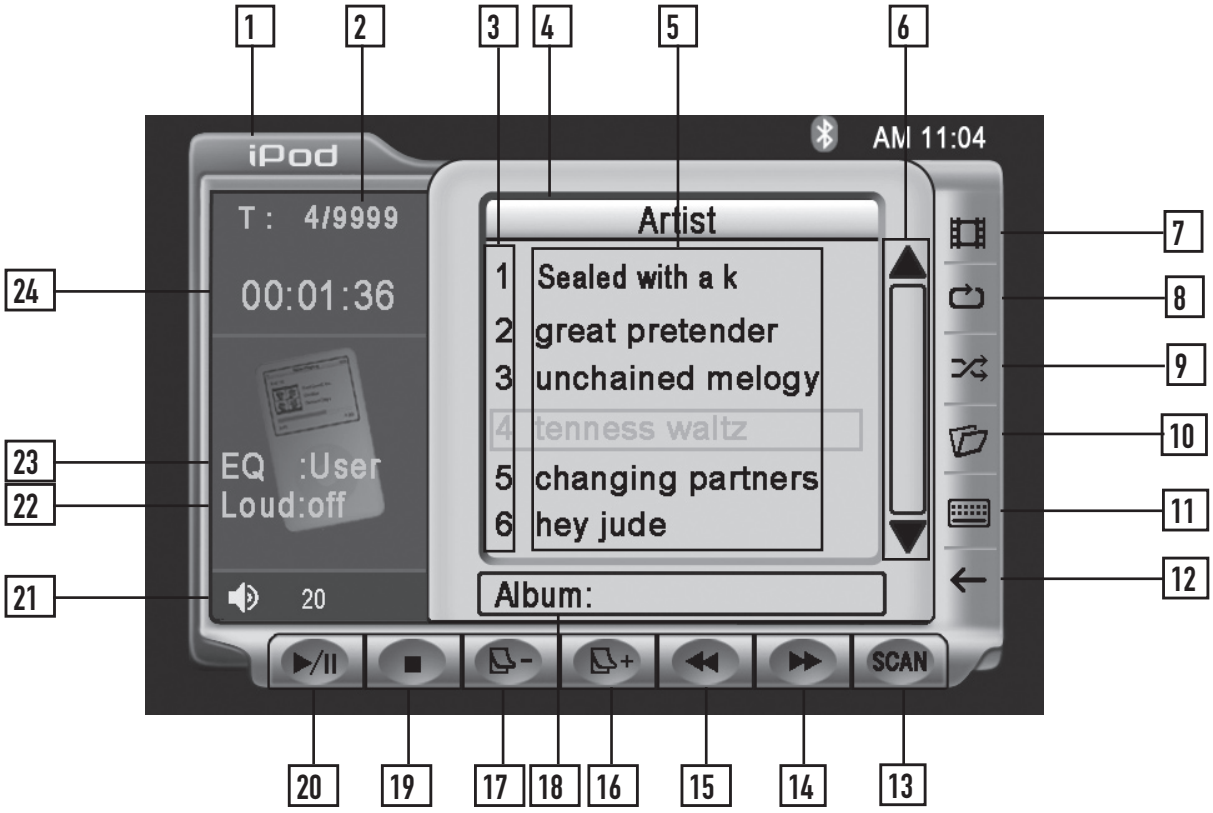
Recommended Settings

For best results, use the following settings when burning an MP3 disc:
128kbps or higher constant bit rate
44.1kHz or higher sampling frequency

For best results, use the following settings when burning a WMA disc:
64kbps or higher constant bit rate
44kHz or higher sampling frequency

Download from Www.Somanuals.com. All Manuals Search And Download.

iPod Operation - OSD Overview (Optional)



iPod Mode From the main menu, touch the **iPod** icon on the screen.

1 Current Source Indicator
Displays source currently playing.

2 Song/Group Number Indicator
Displays current song number and total number of songs/groups.

3 Song Number List
Shows the number of the song relative to the current group.

4 Artist
Displays the name of the artist of the current song.

5 Song/group List
Displays up to 6 songs/groups in order.

6 Scroll bar
Allows scrolling of song or group list.

7 Video Mode
Allows viewing of video files.

8 Repeat
Touch the icon to repeat current song.

Download from Www.Somanuals.com. All Manuals Search And Download.

iPod Operation – OSD Overview (Optional)

9 **Shuffle**
Touch the icon to shuffle the songs in the current group.

10 **Group Select Mode**
Allows selection of songs by various groups.

11 **Direct Select Keyboard**
Touch the icon to display a numeric keyboard for song selection.

12 **Return/Back**
Touch ← to return to the previous group/menu.

13 **Scan Mode**
Pressing this button will scan through all songs for 10 seconds.

14 **Fast Forward**
Touch the ▶▶ icon to fast forward at 2x speed.

15 **Rewind**
Touch the ◀◀ icon to rewind at 2x speed.

16 **Page Up**
Touch the icon to see the next 6 songs in the folder.

17 **Page Down**
Touch the icon to see the previous 6 songs in the folder.

18 **Album**
Displays the name of the album for the current song.

19 **Stop**
Touch the ■ icon to stop the song where it is.

20 **Play / Pause**
Touch the ▶/❚❚ icon to temporarily stop or resume playback.

21 **Volume Indicator**
Indicates current volume level, controlled by rotary encoder.

22 **Loudness Indicator**
Touch screen here to enter the Audio Setup Menu.

23 **EQ indicator**
Touch screen here to enter the Audio Setup Menu.

24 **Elapsed Time Indicator**
Shows the elapsed time of the current song.

Download from Www.Somanuals.com. All Manuals Search And Download.

iPod Operation (Optional)

Group Select Mode

The songs in the iPod are organized by groups. Touching the on the screen will put the unit into Group Select Mode:

Once in Group Select Mode select one of the group types from the menu, then select an item in that group. (For example, select the Artist group and the display will change to a list of available artists. Then select an artist from this list to hear all songs from that artist.) Select the Song group to hear all songs on the iPod. Touch the ← on-screen button to go back to a previous menu. (For example, when playing songs from a particular artist in Artist group mode, touch the **Return/Back** icon to return to the list of all available artists.)

Return/Back

As there are usually more than 6 songs in a given group, the Page Up and Page Down on-screen buttons can be used to see the rest of the songs in the current group. Then use the Direct Select method to play a song from that group.

Page Up/Down

The Page Up and Page Down on-screen buttons can be used to preview the next/previous pages.

From the remote control:
Press ▶ to display the next page.
Press ◀ to display the previous page.

Note that the Page Up/Down buttons will not select a song, but simply display more songs in the group, and if another song is not selected within 5 seconds of the last press then the screen will return to the currently playing song/group.

From the remote control:
Press ⏭ to skip to the next song.
Press ⏮ to return to the beginning of the current song. A second press will skip to the previous song

Song Select

To select a desired song from the song list, touch any of the displayed songs in the list.

Use the up and down arrows on screen to scroll through the songs. Once highlighted, simply touch the screen at the appropriate name.

Direct Select

Using the Rapid Dial rotary encoder:
• Select desired track by rotating the right rotary encoder clockwise or counter-clockwise.
• Press to confirm/ENTER.

From the remote control:
Press ▲ or ▼ to scroll through the songs. When the correct song is highlighted press **OK**.

Download from Www.Somanuals.com. All Manuals Search And Download.

iPod Operation (Optional)

Direct Song Entry

Touch the ⌨ icon to display a numeric keyboard. Select desired song number within the current group and touch **OK** to select it.

From the remote control:
Use the numeric keypad to enter the desired song number.

Song Control

You can use the Fast Forward and Fast Reverse on-screen buttons to play a song forwards or backwards at a higher speed. Touch the same button a second time or press Play to return to normal playback.

From the remote control:
Press ⏩ to fast forward.
Press ⏪ to fast reverse.

Shuffle Mode

Touch the Shuffle button to shuffle the songs in the current group. The Shuffle button will be illuminated while **Shuffle Mode** is active. When the button is illuminated, touching it a second time will disable **Shuffle Mode**.

Repeat Mode

Touch the Repeat button to repeat a song. When Repeat mode is active, the Repeat button will be illuminated, and touching it again will disable **Repeat Mode**.

From the remote control:
Press 🔁 to select Repeat. Press it a second time to disable Repeat.

Note: **Shuffle** and **Repeat** modes can not be used simultaneously and engaging one mode will cancel the other mode (if active.)

Play/Pause

Touching Play/Pause will temporarily stop playback of the current song. Touching it again will resume playback,

Press the **PLAY/PAUSE** button to pause or resume the song.

From the remote control:
Press **OK** to temporarily stop and resume playback.

Stop

Touch Stop to stop playback of the current song.

From the remote control:
Press ■ to stop playback of the current song.

Download from Www.Somanuals.com. All Manuals Search And Download.

iPod Operation (Optional)

Playing photo or video files from iPod

Notes:
VIDEO/PHOTO FILES are only compatible with G5 iPod.

The iPod photo/video display of the in-dash unit will not operate while the vehicle is moving. This is a safety feature to prevent driver distraction. iPod photo/video functions will only operate when vehicle is in Park and the parking brake is engaged. It is illegal in most states for the driver to view video while the vehicle is in motion.

- Touch **VIDEO** icon, iPod will disconnect and wait for video signal.
- Make sure **VIDEO OUTPUT** is turned on in your **iPod**. Consult your **iPod** owner's manual for details.
- Press **PLAY** on your **iPod**, photos or video will appear on the TFT.

Releasing Video control from iPod

- Touch AREA F (upper right screen) to reconnect iPod to play music again.

iPod will reconnect

Download from Www.Somanuals.com. All Manuals Search And Download.

iPod Operation (Optional)

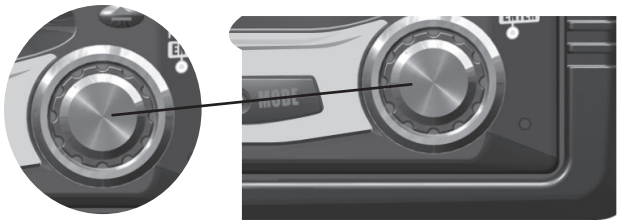
Selecting Music By:
Playlist
Artist
Album
Genre
Song

Touch desired Folder, music will begin to play after selection.

Rapid Dial Rotary Encoder

RAPID DIAL rotary encoder can also control iPod touch screen functions

- Select desired item by rotating right rotary encoder clockwise or counter-clockwise
- Item will be outlined in blue
- Press to confirm/ENTER



Character Support

Only alphanumeric characters can be displayed (ASCII type).

Artist Name and Album name will only be displayed if included with the song.

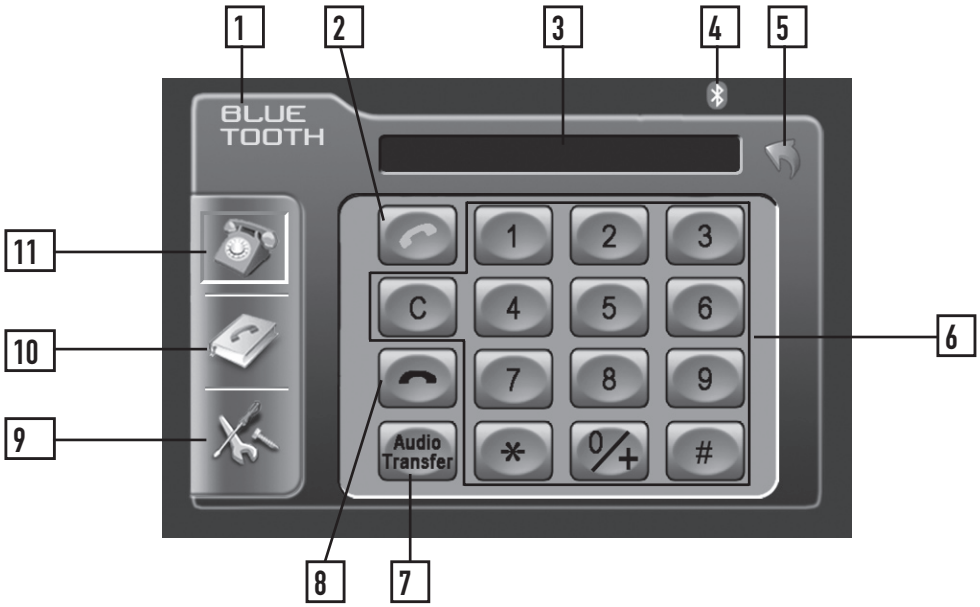
iPod Compatibility

The following models are supported:
- Third generation iPod - Version 2.3
- Fourth generation iPod - Version 3.1.1
- Fifth generation iPod - Version 1.1.2
- iPod Photo - Version 1.2.1
- iPod Mini - Version 1.4.1
- iPod Nano - Version 1.2.0

Refer to your iPod instruction manual for details on how to obtain the latest software.

Download from Www.Somanuals.com. All Manuals Search And Download.

Bluetooth® - OSD Overview (Optional)



Before using the Bluetooth

Select the Bluetooth option in the General setup and select On to activate the Bluetooth feature. Refer to page 21 for more details.

Bluetooth Mode

From the main menu, touch the **Bluetooth** icon on the screen or, press the **Bluetooth** icon at the top of the screen. The Bluetooth function must be turned on for the Bluetooth icon to appear at the top of the screen.

1 Current Source Indicator
Displays source or current mode.

2 Talk button
Press to answer an incoming call or to place an outgoing call.

3 Display Indicator
Phone number display and call status indicator.

4 Bluetooth status indicator
When the Bluetooth function is Off, the indicator is black.
When the Bluetooth function is On and no phone is connected (paired) to the unit, the indicator will flash blue.
When the Bluetooth function is On and a phone is connected (paired) to the unit, the indicator is blue.

5 Return button
Touch to **RETURN** to previous screen.

6 Keypad interface
Press 0-9, *, # and + to enter desired phone number.
Press C to clear the last digit.

Download from Www.Somanuals.com. All Manuals Search And Download.

Bluetooth® - OSD Overview (Optional)

7 **Audio Transfer Button**
Press to transfer audio between the head unit and mobile phone.

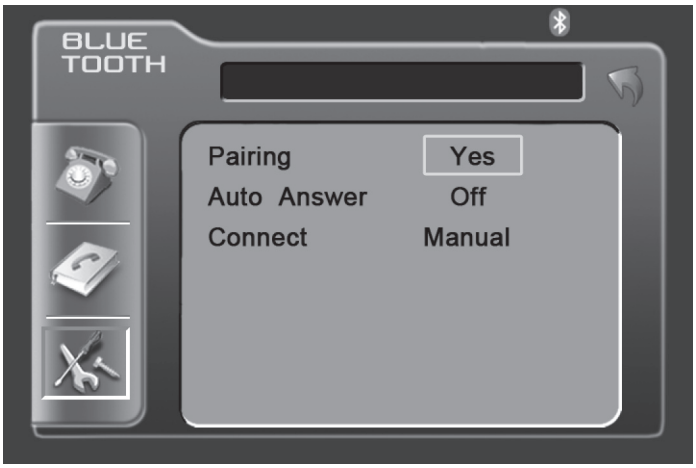
8 **End button**
Press to end a call in progress or to reject an incoming call.

9 **Setup Menu Icon**
Press to access Bluetooth setup menu.

10 **Phone book Icon**
Press to access the phone book menu.

11 **Keypad Interface Icon**
Press to display the keypad interface.

Bluetooth Setup Menu



Bluetooth Setup Menu matrix

Settings	Default	Options	Function
Pairing	Yes	Yes (Pair)	Press Yes to begin the pairing function. Press Yes again to cancel the pairing process. See page 69 for more details.
Auto Answer	Off	Off	You must press the Talk button to answer an incoming call.
		On	The head unit will automatically answer incoming calls.
Connect	Manual	Manual	You must connect the phone to the head unit manually each time.
		Auto	The head unit will automatically connect to a previously paired phone. See page 69 for more details.

Notes: Some Bluetooth approved devices may not communicate or work properly with this head unit, depending on the features or specifications of the device. During hands free operation, some noise may be heard when using a mobile device with this head unit, depending on the mobile device and or the communication environment.

Download from Www.Somanuals.com. All Manuals Search And Download.

Bluetooth® - Setup Menu (Optional)

Pairing	Before you can use a mobile device with this head unit, it must be authenticated. This is also referred to as "pairing" a device. **Note:** Please make sure that Bluetooth is activated on your mobile device before you begin the pairing process. Refer to the owner's manual of your mobile device for more details.
Step 1	Access Bluetooth setup menu and press Yes to begin the pairing process. The head unit will display "Wait Pairing.." and will search for any nearby Bluetooth device. If you have more than one Bluetooth device, please make sure only the device you want to connect to is powered on. Refer to the owner's manual of your mobile device for more details on searching for Bluetooth devices.
Step 2	When prompted by your mobile device, enter 1234 for the PIN or pass code. The device name of the head unit will show up as "MM-BT G2". After the pairing process has completed, the Bluetooth icon will turn solid blue.
Notes	It is possible to search for previously paired Bluetooth devices from this head unit. It may be possible to search for this head unit from other Bluetooth enabled devices. To search for this head unit from another device (when already connected), press Yes under the Pairing function. The currently connected device will be disconnected and pairing to the new device will be possible. It may also be possible to disconnect this head unit from another mobile device. This unit can remember the last 4 paired mobile devices. It is only possible to connect to one Bluetooth mobile device at a time. When pairing to more than 4 mobile devices, the head unit will delete the phone that was least used to allow for the new pairing (connection). The mobile device that is initially connected will always be remembered (default phone). The **MUTE** function can not be used during Bluetooth operation. If **MUTE** is active when a call is received, the audio will automatically be transferred to the mobile device.
Auto Answer	The head unit will automatically answer incoming calls when the Auto Answer feature is set to On. If the Auto Answer feature is set to Off, the Talk button must be pressed to answer an incoming call.
Connect	The head unit will automatically connect to a previously connected mobile device when the Connect feature is set to Auto. If the Connect feature is set to Manual, the head unit will not automatically connect to any mobile device. Set the Connect feature to Manual when you do not want to connect to any Bluetooth mobile device.

Download from Www.Somanuals.com. All Manuals Search And Download.

Bluetooth® - Operation (Optional)

Phone Book Menu

Incoming Call Screen

Dialed Calls

Press Dialed Call to retrieve the list of dialed calls from the mobile device. "Searching", then "Loading dialed phone book" will be displayed during the retrieval process followed by "The phone book is done". Touch the desired name to call. Press the page up/down buttons to navigate through the pages.

Received Calls

Press Received Call to retrieve the list of received calls from the mobile device. "Searching", then "Loading received phone book" will be displayed during the retrieval process followed by "The phone book is done". Touch the desired name to call. Press the page up/down buttons to navigate through the pages.

Missed Calls

Press Missed Call to retrieve the list of missed calls from the mobile device. "Searching", then "Loading missed phone book" will be displayed during the retrieval process followed by "The phone book is done". Touch the desired name to call. Press the page up/down buttons to navigate through the pages.

Making a Phone Call

It is possible to make a phone call three different ways:
1. Enter the desired phone number using the keypad interface, then press the Talk button.
2. Enter the desired phone number using the numeric keypad on the main remote control, then press OK. (Bluetooth mode must be selected first.)
3. Select a previous call from the phone book menu.

Answering a Phone Call

The head unit will answer calls automatically if the Auto Answer feature is set to On. Otherwise, the Talk button must be pressed to answer an incoming call. During an incoming call, the audio is muted for the current source and the incoming call screen will be displayed. Adjust the volume during the call using the rotary encoder volume control.

Ending a Phone Call

Press the End button on screen or the ESC button on the main remote control to end a call in progress or to reject an incoming call.

Download from Www.Somanuals.com. All Manuals Search And Download.

Limited One Year Warranty

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

Dual Electronics Corp. warrants this product to the original purchaser to be free from defects in material and workmanship for a period of one year from the date of the original purchase.

Dual Electronics Corp. agrees, at our option, during the warranty period, to repair any defect in material or workmanship or to furnish an equal new, renewed or comparable product (whichever is deemed necessary) in exchange without charges, subject to verification of the defect or malfunction and proof of the date of purchase. Subsequent replacement products are warranted for the balance of the original warranty period.

Who is covered? This warranty is extended to the original retail purchaser for products purchased and used in the U.S.A.

What is covered? This warranty covers all defects in material and workmanship in this product. The following are not covered: installation/removal costs, damage resulting from accident, misuse, abuse, neglect, product modification, improper installation, incorrect line voltage, unauthorized repair or failure to follow instructions supplied with the product, or damage occurring during return shipment of the product.

What to do?

1. Before you call for service, check the troubleshooting guide in your owner's manual. A slight adjustment of any custom controls may save you a service call.

2. If you require service during the warranty period, you must carefully pack the product (preferably in the original package) and ship it by prepaid transportation with a copy of the original receipt from the retailer to an authorized service center.

3. Please describe your problem in writing and include your name, a return UPS shipping address (P.O. Box not acceptable), and a daytime phone number with your shipment.

4. For more information and for the location of the nearest authorized service center please contact us by one of the following methods:

   - Call us toll-free at 1-866-382-5476
   - E-mail us at cs@dualav.com

Exclusion of Certain Damages: This warranty is exclusive and in lieu of any and all other warranties, expressed or implied, including without limitation the implied warranties of merchantability and fitness for a particular purpose and any obligation, liability, right, claim or remedy in contract or tort, whether or not arising from the company's negligence, actual or imputed. No person or representative is authorized to assume for the company any other liability in connection with the sale of this product. In no event shall the company be liable for indirect, incidental or consequential damages.

Download from Www.Somanuals.com. All Manuals Search And Download.

Troubleshooting

General

Problem	Cause	Action
Unit will not turn on (no power)	Yellow wire not connected or incorrect voltage Red wire not connected or incorrect voltage	Check connections for proper voltage (11~16VDC)
	Black wire not connected	Check connection to ground
	Fuse blown	Replace fuse
Unit has power (but no sound)	Speaker wires not connected	Check connections at speakers
	One or more speaker wires touching each other or touching chassis ground	Insulate all bare speaker wires from each other and chassis ground
Unit blows fuse	Yellow or red wire touching chassis ground	Check for pinched wire
	Speaker wires touching chassis ground	Check for pinched wire
	Incorrect fuse rating	Use fuse with correct rating
Unit has audio (but no video)	Parking brake safety circuit not connected Parking brake not applied	Check connections at parking brake Apply parking brake as described on page 33
No video display (when in reverse)	Reverse circuit not connected Vehicle is not in reverse	Check connections at reverse lamp Select reverse gear
DVD does not start playback	Physical defect in media Wrong region	Check media for scratches Use discs labeled "Region 1" or "All" only.
IR remote does not work	Dead battery	Replace battery
Excessive skipping	Unit is not mounted correctly	Check mounting sleeve
	Physical defect in media	Check media for scratches
Bad Disc appears on display	Focus error or disc is in upside down	Press eject or RESET
Incorrect Region Code appears on display	Region code error	Use only DVDs labeled “Region 1” or “All” only.
Front panel will not open/close	Front panel obstructed	Remove the obstacle and press OPEN to resume the monitor open/close sequence.

Download from Www.Somanuals.com. All Manuals Search And Download.

Troubleshooting

Bluetooth		
Problem	**Cause**	**Action**
Please connect first appears in the display	There is no mobile device connected to the head unit	Pair and or connect a mobile device to the head unit as described on page 69
Mobile device will not connect to the head unit	Bluetooth function is not active on the head unit	Activate Bluetooth function as described on page 21
	Bluetooth function is not active on the mobile device	Refer to the owner's manual of your mobile device
	A mobile device is already connected to the head unit This head unit can only be connected to one device at a time	Disconnect current mobile device first, then connect desired mobile device
ERROR! Connect Timeout appears in the display	The time limit for the pairing mobile device has been reached	Pair the mobile device within 120 seconds
Pairing Fail appears in the display	The attempted pairing process has failed	Retry the pairing process again
Mobile device will not connect to the head unit automatically	The Connect function is set to Manual. When the Connect function is set to Manual, the head unit will not connect to any mobile device automatically	Set Connect function to Auto as described on page 69
Ring tone can not be heard through the speakers	Ring tone volume is turned down	Increase the volume of the ring tone using the rotary encoder during the ringing process
	MUTE function is activated on the head unit	Press MUTE to cancel the mute function and resume audio
Echo or noise is heard during a phone call	Possible road noise or interior interference	Close all open windows and turn off any fans or A/C
	Microphone opening on the front panel is obstructed	Clear any obstacles in front of microphone opening
Call is connected (but no audio can be heard through the speakers)	Audio is routed to the mobile device	Press Audio Transfer to allow audio from the phone to be heard through the speakers
Call is answered automatically	Auto Answer function is set to On	Set Auto Answer function to Off as described on page 69
Caller ID does not appear during incoming call	The calling mobile device is not set to send the Caller ID or, the service is not available	Some devices may not communicate or work properly with this head unit

Download from Www.Somanuals.com. All Manuals Search And Download.

Specifications

DVD Player

Frequency response: **10Hz-20kHz**
Channel separation @ 1kHz: **>65dB**
D/A converter: **24 Bit**

FM Tuner

Tuning range: **87.5MHz-107.9MHz**
Usable sensitivity: **8.5dBf**
50dB quieting sensitivity: **10dBf**
Stereo separation @ 1kHz: **40dB**
Frequency response: **30Hz-13kHz**

AM Tuner

Tuning range: **530kHz-1710kHz**
Usable sensitivity: **22uV**
Frequency response: **30Hz-2.2kHz**

Monitor

Panel size: **7" (177.8 mm) diagonal measurement**
View angle (up/down/left/right): **30/60/60/60**
Resolution: **480 W x 234 H**
Brightness (cd/m^2): **350**
Contrast ratio: **300:1**
Elements: **336,960**

General

Operating voltage: **11-16 VDC, negative ground**
Speaker output impedance: **4~8 ohms**
Line output voltage: **2 Volts**
Line output impedance: **200 ohms**
Chassis dimensions: **7" x 7" x 2"**
(178 x 178 x 51 mm)

Design and specifications subject to change without notice.

CEA-2006 Power Standard Specifications
(reference: 14.4VDC +/- 0.2V, 20Hz~20kHz)

Power Output: 17 Watts RMS x 4 channels at 4 ohms and ≤ 1% THD+N
Signal to Noise Ratio: 80dBA (reference: 1 watt into 4 ohms)

Download from Www.Somanuals.com. All Manuals Search And Download.

Dual Electronics Corp.
Toll Free: 1-866-382-5476

www.dualav.com
©2007 Dual Electronics Corp. All rights reserved.
NSA0307-V01
Printed in China

Download from Www.Somanuals.com. All Manuals Search And Download.

Free Manuals Download Website

http://myh66.com

http://usermanuals.us

http://www.somanuals.com

http://www.4manuals.cc

http://www.manual-lib.com

http://www.404manual.com

http://www.luxmanual.com

http://aubethermostatmanual.com

Golf course search by state

http://golfingnear.com

Email search by domain

http://emailbydomain.com

Auto manuals search

http://auto.somanuals.com

TV manuals search

http://tv.somanuals.com