PAJERO SPORT
PUSH
AUTO
OFF
PUSH
AUTO
20
25
PUSH
SRC
BAND
DVD
NAV

OPERATIONS MANUAL

Contents

Precautions …… 1
Opening Logo …… 2
System Setup Menu, Controls and Indicators ……. 3
- Main Menu
- Controls and Indicators

TFT Monitor Operation Instruction...…….. 4
- Image setting
- Power ON/OFF (Radio Panel)
- Playing source selection
- Volume adjustment (Radio Panel)
- Aux-In Mode
- Camera Mode
- System Reset……..… 5
- Mute…… 5

Audio Control Menu ……..… 5
- Accessing the Equalizer setting
- Setup Audio Adjustment
- Accessing the General Setup Menu……... 6
- Accessing the Video Setup Menu
- Accessing the Miscellaneous Menu……..….... 7
- Accessing the Navigation Menu

Tuner (FM/AM) Operation …….. 7
- Select FM/AM Band……..…….. 8
- Auto Tuning
- Manual Tuning
- Storing Station
- Recalling a Station
- Auto Store (AS)…… 8
- Program Scan (PS)…… 9
- DX and LOC Station Seeking (LOC)

DVD Player Operation ……..…… 9 - 11
- Insert/Eject Disc (Radio Panel)
- Reset the Loading Mechanism
- Accessing DVD Mode
- Using the touch Screen Controls
- Stopping and Pausing Playback
- Fast Forward/Fast Reverse
- Disc Setting
- Changing Subtitle Language
- DVD Playback Information
- Disc Symbol and General Disc Information

CD/MP3/WMA/JPEG Operation …… 11 - 12
- CD player user interface
- Playing CD files
- MP3/WMA Disc

iPod Operation ……... 12 - 13
- Accessing iPod Mode
- Playback of Video on iPod

USB Operation …… 13
Bluetooth Operation …… 13 - 17
- Accessing Bluetooth Mode
- Bluetooth user interface
- Phonebook
- Bluetooth Setup
- Auto Connect
- Making a phone call
- Incoming Call and End Call
- Telephone and Information

Specifications …….. 18
Multi – Information …….. 18 - 23
Functional Icons
Digital Clock
Warning Display
Outside Temperature
Barometer
Elevation
Adjustment setting
Fuel Economy
Compass
Range
Speed
Notes and Information
Tire Pressure Monitor System (TPMS) …… 24 - 28
Normal Mode Display
Abnormal Mode Display
Warning Indicator
Pressure High/Low First Stage
Pressure High/Low Second Stage
Accessing the Tire Exchange Mode
Front and Rear Tire Exchange Mode (Parallel Change)
Front and Rear Tire Exchange Mode (Cross Change)
Spare Tire Exchange Mode
Signal Loss
System Check Mode
Information
Periodic Maintenance …….. 28
Steering Wheel Remote Control …… 29 - 30
Navigation …….. 31 - 43
Understanding Map Page
Acquiring Satellites
About GPS Satellite Signals
Finding your Destination using Address
Finding your Destination using Intersection
Finding your Destination using Recent Destination
Finding your Destination using POI Nearby
Finding your Destination using POI
Using Longitude / Latitude
Using Quick Menu
Using My Favorite
Using Route Info
Voice Setting
Volume Setting
GPS Status
Track Up / North Up Setting
Auto / Day / Night Mode Setting\
POI Display Setting
About
Using Detail
2D / 3D View
Quick Menu
Alternative Route
Scale
Notes……..44

Foreword

Thank you for selecting Multi–Media System as your new entertainment system.
This owner's manual will add to your understanding and full enjoyment of the numerous fine features of this system.

It contains information prepared to acquaint you with the proper way to operate and maintain your Multi-Media System for most pleasure.

This system reserves the right to make changes in design and specifications.
This owner's manual has been written in compliance with existing laws and regulations, but some contents may contradict with recent / new amendments of the laws and regulations.

Please leave this owner's manual in its vehicle at time of resale. The next owner will appreciate having access to the information contained in this owner's manual.

Throughout this owner's manual the words WARNING and CAUTION appear.

These serve as reminders for utmost care. Failure to follow instructions could result in damage to your Multi-Media System or to your vehicle.

WARNING

Indicates a strong possibility of severe personal injury or death if instructions are not followed.

CAUTION

Means hazards or unsafe practice that could cause minor personal injury or damage to your vehicle.

You will also see other important symbols:

Note
Information

Gives helpful information

Precautions

To avoid the risk of injury or accident, read the following precautions before operating the unit.

On safety

Comply with your local traffic rules and regulations.

- While driving
  - ☞ Do not use the System Setup feature while driving, or perform any other function which could divert your attention from the road.
  - ☞ avoid watching or operating the monitor. Park your car in a safe place to watch the monitor and operate the unit.
- While operating avoid
  - ☞ avoid inserting your hands, fingers or foreign object into the unit while the monitor is functioning. It may cause injury or damage to the unit.
  - ☞ Keep small articles out of the reach of children.
- If your car was parked in direct sunlight resulting in a considerable rise in temperature inside the car, allow the unit to cool off before operating it.
- When you connect the back camera:
  - ☞ When you drive, watch the surroundings carefully for your safety. Do not depend on the back camera exclusively.
- When backing up you car, be sure to look back for your safety.

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

Moisture condensation

When the unit's temperature falls (as in winter), the liquid crystal display will become darker than usual. Normal brightness will return after using the monitor for a while.

To maintain high sound quality

Avoid contact of Liquid materials (juice, soft drinks, coffee) onto the unit or discs unless permitted by the manufacturer of the system.

Playable discs

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
- JPG images
- WMV format
- AVI format
- MPG format

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

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

NOTE:

It is especially important that you read the **WARNINGS** and **NOTES** in this manual.

DVD Region Management

Some DVD discs can be played only in certain playback modes according to the format of the software. As the unit plays discs according to their formats, some functions may not work as intended. 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.

Features

- TFT Panel, all-in-one highly integrated entertainment system
- Built-in DVD Player, Radio automotive specification slot loading mechanism
- Built-in FM/AM Tuner Radio
- Digital 6.95"(16:9) TFT color monitor, contrast and brightness adjustment
- Built-in 40W X 4 output amplifier, 4.1 channel surround sound output.
- All functions can be operated via Smart Touch screen.
- Built-in iPod Control and Navigation system
- Powerful Graphic User Interface and software update ability.

⚠ WARNING!

1. Connect the unit to a 12-volt negative ground system only.
2. Never install this unit during vehicle operation it could interfere with safe driving conditions.
3. To reduce the risk of a traffic accident (except when using for rear view video camera) never use the video display function while driving the vehicle. This may be in violation of local laws.
4. Never disassemble or adjust the unit without the assistance of a professional. For details, please consult your local car stereo specialty shop.
5. To prevent injury from shock or fire, never expose this unit to moisture or water.
6. Never use irregular discs, the only recommended disc size is a 12cm round disc.
7. To prevent damage to the mechanism inside this unit, avoid impact to the TFT monitor.
8. Do not change the fuse on the power wire without professional guidance / assistance. Using an improper fuse may damage the unit and result in a fire.

Opening LOGO

fig. 1

LOGO will appear 5 seconds after ignition "ON" and standby for about 15 seconds before the Car Info display or Multi – Information display shows.

NOTE:

- After displaying the opening logo, **Car info** is the default display on the screen. Even if the last source selected is **Disc** (MP3/DVD), **Navigation** (NAVI), **Radio Menu** or **iPod** / **USB**.

☞ Reminders:

- Multi-Info will display automatically when you turn the radio panel "OFF"
- Touch the clock on the upper center to enter STANDBY MODE.(When the Radio is ON)
- The Multi-Media System can also be controlled via the steering wheel remote control.

System Setup Menu, Controls and Indicators

fig. 2

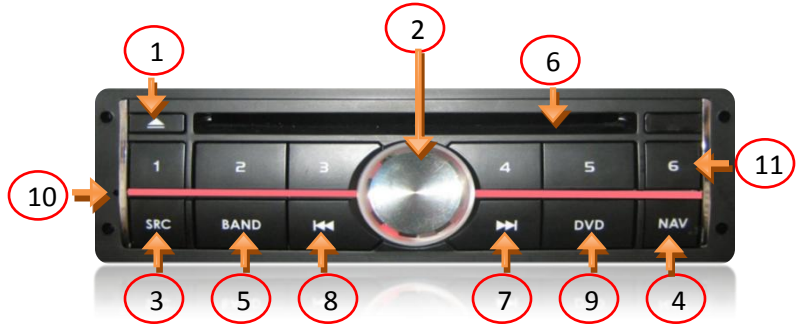


fig. 3

MAIN Menu

There are two methods to access the **MAIN** menu

- Pressing the **SRC** button on the Radio panel to select desired source.
- Touching the upper Left corner on the touch-screen.

NOTE:

Touch screen operations and **SRC** button on Radio panel are all useable to select menu and adjust settings. The following instructions will show the different ways to access menu and adjustments.

CONTROLS AND INDICATORS

1. EJECT – Press for disc Insertion / Ejection.
2. POWER OFF/ON, VOL and MUTE
   - Press the dial to turn “ON” the unit.
   - Press and hold the dial to turn “OFF” the unit.
   - Rotate the dial to adjust the volume.
   - Quick press when the unit is ON to activate “MUTE”.
3. SRC – Press to select desired source.
4. NAV – Press to enter navigation mode, press again to go back to previous mode.
5. BAND – Press to select FM/AM mode.
6. DISC SLOT
7. SEEK UP (⏭) – Select the next chapter/track for playback. Search an available radio stations by increasing tuning frequency on tuner mode.
8. SEEK DOWN (⏮) – Select the previous chapter/track for playback. Search an available radio stations by decreasing tuning frequency on tuner mode.
9. DVD – Press to access DVD mode.
10. RESET BUTTON – Restore to factory setting.
11. PRESET STATION – 6 numbered preset button store and recall stations for each band.
12. TFT MONITOR (Touch Screen) – Touch to Navigate between Main menu and Car Info Display. It is also used to go back to previous mode.

TFT Monitor Operation Instruction

fig. 4

Image Setting

Video Output Format

The table below shows the video output format for each source.

Table 1. Video Output Format

Playing Source	Video Output Format
FM/AM Tuner	RGB Mode
DVD	RGB Mode
NAVI	RGB Mode
AUX IN	CVBS Mode
CAMERA	CVBS Mode
iPod (Video)	CVBS Mode

***** CVBS – Composite Video Base band Signal

Power ON / OFF (Radio Panel)

Press the POWER / VOL to turn the unit ON.
Press and hold the POWER / VOL on the radio panel to turn the unit OFF.

Playing Source Selection

Press the upper left of the TFT Monitor or Press the SRC button on the Radio Panel to change among available playing sources: Tuner, Disc, iPod, Aux In, Camera (rear camera), Navi, Bluetooth and USB. The playing mode is displayed on the TFT monitor.

Volume Adjustment (Radio Panel)

To Increase or decrease the volume level, turn the POWER / VOL on the radio panel. The volume ranges from 0 to 40.

Aux In Mode

An external audio/video device can be connected to this unit via USB / Aux In cable.

Camera Mode (Optional Device)

“ CAMERA “ Mode is only available when the camera is connected and when backing-up. To install a rear view video camera, connect the CAMERA video input cable to the rear view camera output cable.

NOTE:

If you have not connected a device to the unit, the source cannot be selected.

Example: If you have not connected an iPod to the unit, the iPod source will not be available.

System Reset

To correct a system halt or other unusual operation, use the tip of a pen to Press the RESET button located on the front mid-left of the Radio Panel. After a system reset, the unit restores the setting before last power off.

fig. 5

Mute

The volume will be muted when pressing the knob or rotate the knob of Power / Volume it reduces the volume to “0”.

NOTE :

Adjusting the volume knob or using any of the audio set-up features will cancel the mute function.

Audio Control Menu

The Audio Control feature allows you to easily adjust your audio system to meet the acoustical characteristics of your vehicle, which vary depending on the type of vehicle and its measurements. To get the best possible sound quality from your new system, be sure to adjust the setting for the speakers as well. Proper setting of the Fader and Balance boosts the effects of the cabin equalizer.

Accessing the Equalizer Setting

fig. 6

Selecting an Audio Feature for Equalizer Adjustment

Press the Equalizer icon to select an audio feature to be adjusted. Touch adjusting icon (◂ / ▸) Left/Right to adjust the selected feature to the desired setting.

fig. 7

Table 2.

Audio Function	Adjustable Range
EQ	User
	Flat
	Jazz
	Pop
	Classical
	Rock
	News
	Urban
	Rave
	Techno
	Movie
Bass	-7 to +7
Treble	-7 to +7
Fader	R9 to F9
Balance	L9 to R9
Sub	-7 to +7
Loud	Off, or ON
Mid	-7 to +7

NOTE:

1. The Bass, Treble, Mid and Loud are only adjustable when EQ is on “ User” mode.
2. The Loud function compensates for deficiencies in sound ranges at low levels.
3. Exiting the Audio Control Menu, press upper left of TFT Monitor to exit the Equalizer Setting.

Setup Audio Adjustment

fig. 8

From the Main menu, Touch the **SETUP** icon.

fig. 9

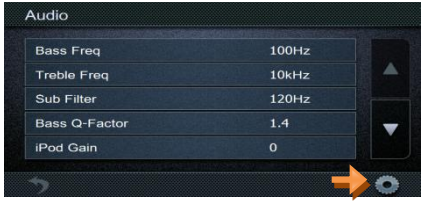


fig. 10

Accessing the General Setup Menu

fig. 11

fig. 12

Touch the Audio icon to adjust the selected feature to the desired setting.

Touch lower right icon of TFT Monitor to return to setup menu.

► Touch the **SETUP** Icon on the Main Menu screen.
► Select **GENERAL** Icon

Selecting a Feature for General Adjustment

Table 3.

Setting	Options	Function
Clock	(HH:MM)	Touch to adjust clock
AM/PM	-	Choose AM/PM format when setting the clock
Clock Mode	12H/24H	Choose clock mode 12H/24H
Bluetooth	On/Off	Activation/deactivation of the integrated Bluetooth function
Beep	On/Off	Beep sound ON/OFF option every touch or button press.

Accessing the Video Setup Menu

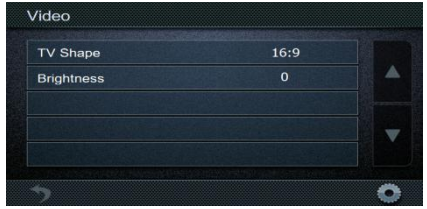


fig. 13

Press lower right icon of TFT Monitor to return to setup menu.

Table 4.

Setting	Options	Function
TV Shape	16:9 4:3	Change screen size (16:9/4.3)
Brightness	----	Touch the desired video brightness displayed, on scale from -5 to +5

Accessing the Misc Menu

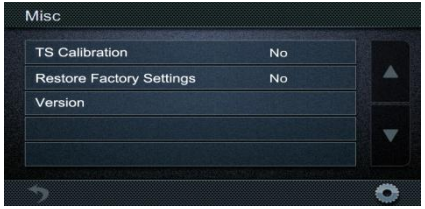


fig. 14

► Touch the **SETUP** icon on the Main menu screen.

► Select **MISC** icon

► Touch the option directly on the screen to select a feature to be adjusted.

Table 5.

Setting	Options	Function
Touch Screen Calibration	No / Yes	Touch “Yes” to enter the touch screen calibration mode.
Restore factory Settings	Yes / No	Select “Yes” to restore the factory settings of the multimedia system (except for password and parental control).
Version		Version display

Accessing the Navigation Menu

fig. 15

► Touch the **SETUP** icon on the Main menu screen.

► Select **NAVI** icon

Selecting a Feature for General Adjustment

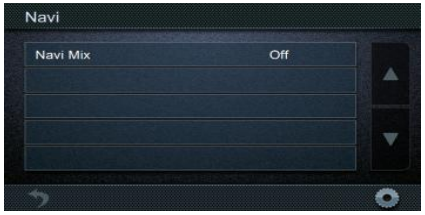


fig. 16

► Touch the option directly on the screen to select a feature to be adjusted.

Table 6.

Setting	Options	Function
Navi Mix	On/Off	

Tuner (FM/AM) Operation

● Tuner TFT Display

fig. 17

1. SCAN - Touch to activate / deactivate Scan Mode.
2. BAND - Touch TFT Panel or press Band button on the Radio Panel FM-1, FM-2, FM-3 and AM-1, AM-2.
3. AS - Auto Store.
4. PS - Program Scan.
5. LOC/DX - Radio stations with a strong signal are tuned.
6. - Touch to seek down.
7. - Touch to seek Up.
8. - Touch to Manual tuning.
9. - Touch to display EQ setting.

Select FM/AM Band

Touch the BAND icon on the screen to change among the following bands: FM-1, FM-2, FM-3, AM-1 and AM-2.

Auto Tuning

Press the button (⏭) on the Radio panel or touch the seek-up icon on the screen to seek the next available channel by increasing the tuning frequency.

Press the button (⏮) on the Radio panel or touch the seek-down icon on the screen to seek the next available channel by decreasing the tuning frequency.

Manual Tuning

Touch the icon to display Manual tuning.

fig. 18

- Press the icon (►) to increase the tuning frequency one step at a time.
- Press the icon (◄) to decrease the tuning frequency one step at a time.
- Or touch directly on the Manual tuning display to locate your desired stations.

Using Preset Stations

Six(6) numbered preset buttons stored and recall stations for each band. Six(6) stored stations for the current band appear on the screen, touch the channel directly for use. You can press the buttons (⏮ or ⏭) on the Radio panel to see the other 6 stations.

fig. 19

Storing a Station

1. Select a band (If needed), then select a station.
   Example: FM1 103.6MHz
2. Touch and Hold for 3 seconds the desired preset number to store Radio station.

Recalling a Station

1. Select a Band (If needed).
2. Touch On-screen preset buttons to select the corresponding stored stations or press the number button on the Radio panel.

Auto Store (AS)

Press AS icon on the screen to automatically scan and store all stations in current band.

Program Scan (PS)

Touch the PS icon on the screen for scan the stations in the 6 preset channels in the current band.

Scan

1. Touch the SCAN icon on the screen to automatically scan all stations in current band to preview stations.
2. Press any to stop scanning and listen to the selected stations.

DX and Loc Stations Seeking (LOC)

When the Local function is ON, only radio stations with strong signal are tuned. When the Local function is active, “LOC” appears on the screen.

To activate / deactivate the local function in AM/FM tuner mode, touch the LOC/DX icon on the screen.

DVD Player Operation

Insert / Eject Disc (Radio Panel)

Inserting a Disc – When Inserting a DVD disc, DVD mode is entered and disc play begins.

NOTE:

1. If Parental Lock (Rating) is activated and the disc inserted is not authorized, the 4-digit code must be entered and/or the must be authorized (see “RATING menu “).
2. You cannot insert a disc if there is already a disc in the Unit or if the power is OFF.
3. CD-R/RW, DVD-R/RW, DVD+R/RWs will not play unless the recording session is closed.

Ejecting a Disc (Radio Panel)

Press the ⏏ button on the Radio panel to eject the disc. The unit automatically reverts to Tuner mode at the same time.

Reset the Loading Mechanism

If the disc does not load or does not play properly, press and hold the button ⏏ on the unit to reset the loading mechanism. The disc will be ejected and normal operation will resume.

Accessing DVD mode

To switch to DVD mode when the disc is already inserted, press the SRC button on the Radio panel until DVD appears on the screen or press the upper left of TFT monitor to locate Main menu, and then select DVD mode.

Using the Touch-Screen Controls

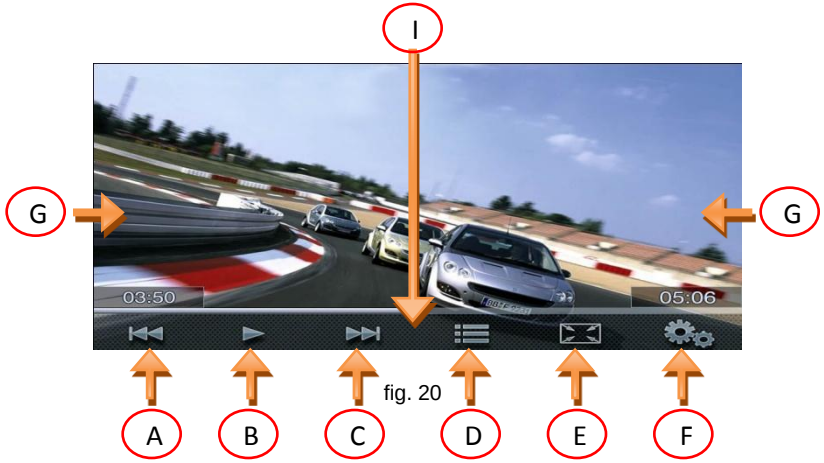


fig. 20

A. Touch to go to the previous chapter or touch and hold to fast reverse.
B. Touch to Play / Pause.
C. Touch to go to the next chapter or touch and hold to fast forward.
D. Press to go to Root menu.
E. Touch to Exit Function bar.
F. Touch to Enter Setup.

G. Touch to view Playback Information.
H. Touch to Select Chapter.
I. Touch this Area to access Function Bar.

Pausing Playback

Touch the play/pause button ▶ on the function bar to suspend or resume disc play.

Fast Forward/Fast Reverse

Touch the ⏭ on the screen to fast forward. Keep pressing or touching and releasing the button to increase the rate from “X 2”, “X 4” and “X 8”.

Touch the ⏮ on the screen to fast reverse. Keep pressing or touching and releasing the button to increase the rate from “X 2” , “X 4” and “X 8”.

Disc Setting

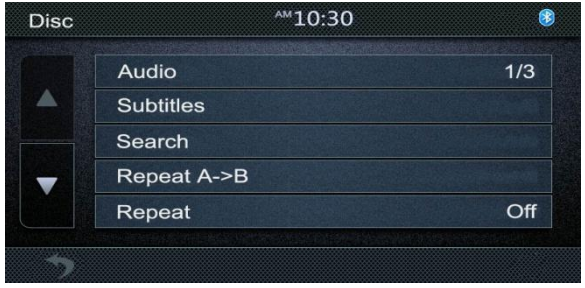


fig. 21

- Press the (▲/▼) arrow on the screen. Select a feature to be adjusted.
- Touch the option directly on the screen to select a feature to be adjusted.
- Press the lower left of TFT monitor to exit.

Table 7.

Setting	Options	Function
Subtitle	Yes/NO	Language Selection.
Search	Chapter/Title/Time	Go to specific Title, Chapter and Time on the disc.
Repeat A>B	Yes/NO	Use the A-B function to define a specific Time of a disc to repeat.
Repeat	Chapter/Title/Time	For VCD play, the repeat function is not available
Playback	Yes/NO	Display playback information on the screen, including the media playing and current playback time.
Angle	-	Change Angle view
Audio	-	Change Audio setup

Changing Subtitle Language

If you are watching a disc recorded in multiple languages with subtitles, select the **Subtitle** to choose the language in which you would like the subtitles to appear

DVD Playback Information

The following information is displayed at the middle of the screen during DVD playback:

fig. 22

Table 7.

Disc Symbols

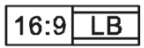
Symbol	Meaning
	Number of voice languages recorded. The number inside the icon indicates the number languages on the disc (maximum of 8).
	Number of subtitle languages available on the disc (maximum of 32).
	Number of angles provided (maximum of 9).
	Aspect ratios available. “LB” stands for Letter Box and “PS” stands for Pan/Scan. In the example on the left, the 16:9 video can be converted to Letter Box video.
	Region 3: Taiwan, Hong Kong, South Korea, Thailand, Indonesia, South-East Asia.

Table 9.

General Disc Information

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

CD/MP3/WMA/JPEG Operation

Instructions for Insert/Eject, Play/Pause, Stopping Playback, Track Selection, Fast Forward / Fast Reverse, Scan, and Random Play are the same for DVD, CD and MP3 operation. Please see the DVD Player Operation section for information about these topics.

The file naming formats listed below are compatible with this unit:

- ISO 9660 – file name: 12 characters, file extension: 3 characters
- ISO 9660 – file name: 31 characters, file extension: 3 characters
- Joliet – 64 characters

If the file or folder name does not conform to ISO 9660 file system standards, it may not be displayed or played back correctly.

CD player User Interface

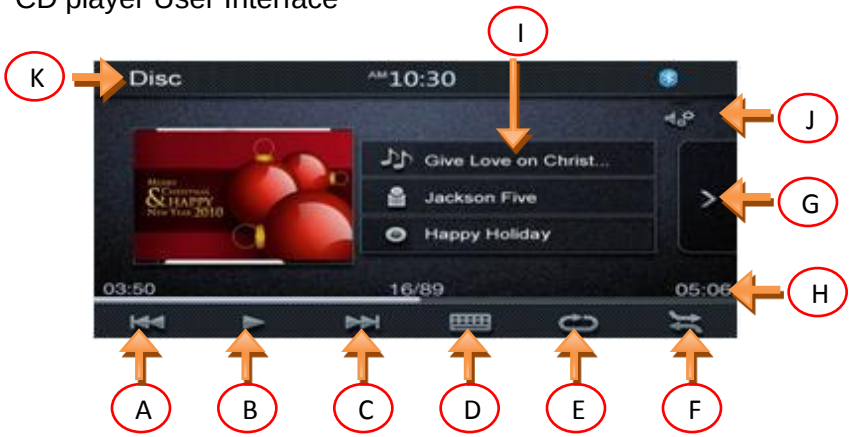


fig. 23

A. Touch (⏮) to play the Previous track or press the Radio panel.
B. Touch (▶) to Play / Pause
C. Touch to (⏭) to play the Next track or press the Radio panel.
D. Touch to display the numeric keypad on the screen and then use the numeric keypad to access a track directly.
E. Touch to Repeat tracks.
F. Touch to Random play.
G. Touch to view track list page.
H. Total playing time.
I. TFT Display (Title, Artist, Album) * Depends on the Disc your playing
J. Touch to go to Equalizer (EQ) setting.
K. Touch to return to Main menu.

Playing CD Files

After inserting a CD disc, files will play in the sequence of the directory. In playing back, touch a track on the onscreen directly to play.

MP3/WMA Discs

This player allows you to playback MP3/WMA files recorded on CDROM, CD-R, CD-RW, DVD+R/RW and DVD-R/RW. For CD-RW discs, please make sure they are formatted using the full method and not the quick method to prevent improper disc operation. Use the following settings when compressing audio data for your MP3 disc:

- Transfer Bit Rate: 320kbps
- Sampling Frequency: 48kHz

When recording MP3 up to the maximum disc capacity, disable additional writing. For recording on an empty disc up to maximum disc capacity, use the "Disc at once" setting. The touch keys for MP3/WMA CD/DVD playback are described below.

iPod Operation

Accessing iPod Mode:

1. To switch to iPod® mode go to the Main menu and touch the iPod® icon on the TFT Screen or press the SRC button on the Radio panel.

fig. 24

fig. 25

1. Touch to view Root Display.

fig. 26

2. Touch songs to display tracks.

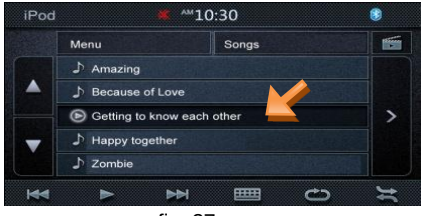


fig. 27

3. Touch to select a song.

Playback of video on iPod

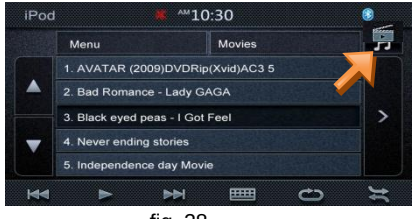


fig. 28

For playback of Video on iPod, press the icon

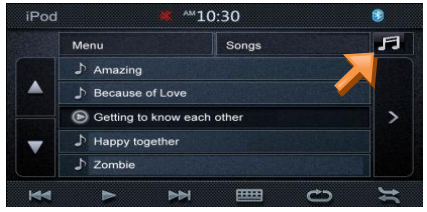


fig. 29

(If there are videos on iPod, you can play them by selecting them on the screen. They will start to play, otherwise there will be nothing on the display.) However, you can return to listen to your music by pressing the icon.

USB operation

fig. 30

NOTE:

Press to access iPod search function.

Accessing USB mode:
Touch the USB icon on the TFT monitor or press the SRC button on the Radio panel as your source.

Bluetooth Operation

Before using the Bluetooth, it's necessary to perform the following steps. For more operating details, refer to each section below.

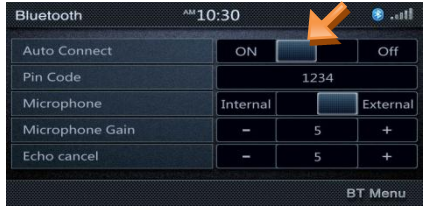


fig. 31

1. Select the "Bluetooth" option in the General setup and select the "On" option to activate the Bluetooth feature.

fig. 32

2. Pair your mobile phone to this unit (refer to the “Pairing” operation). It is necessary to pair your phone to the unit. Without pairing, Bluetooth function will not be available.

fig. 33

Bluetooth Indicator
There is a Bluetooth indicator at the top right portion of the touch screen.

- When the Bluetooth function is “Off”, there is no Indicator
- When the Bluetooth function is “On” and no phone is connected to the unit, the indicator is gray
- If a phone has been connected to the unit, the indicator is blue

Accessing Bluetooth Mode

fig. 34

Touch the button at the top of the touch screen to access Bluetooth mode directly.

Bluetooth User Interface

Dial Interface

1. Touch to access Dial Interface

fig. 35

fig. 36

NOTE: Wait until synchronization is completed.

2. Touch to navigate Call Log (Dialed, Missed, Received).

fig. 37

fig. 38

3. Touch to access Contacts.

fig. 39

fig. 40

4. Touch the search icon to locate names registered.

fig. 41

fig. 42

5. Touch to access Music control menu.

fig. 43

fig. 44

NOTE: You can play music from your mobile phone thru A2DP function.

6. Touch to access Device menu.

fig. 45

fig. 46

7. Touch to access BT Setting menu.

fig. 47

fig. 48

Contacts

Touch the Contacts icon to access the **Contacts**.

You can see phone book list, SIM book list, dialed call list, received call list, missed call list.

If the number has been stored in the Contacts, it can be accessed by touching ▲ or ▼ on the screen to navigate through the Contact entries.

Then, touch the number to initiate the phone call.

NOTE: Not all Bluetooth enabled phones support this feature.
: A2DP function is not available on Navi mode.

Bluetooth setup

Touch Bluetooth indicator or go to main menu, touch the Bluetooth icon on the TFT screen, then touch Add Device display on the screen.

fig. 49

fig. 50

Now you can pair a phone with the unit.
This unit can be paired with 5 mobile phones, but only one can be active at a time.

The Default phone will be retained only if all other paired phones are deleted. (Default Phone: The phone that was first paired with the unit.)
When maximum pairing has been completed, that is, four mobile phones have been connected with the unit, and you want to still pair a new one, then the system will retain the default phone and last used phone used. The phone least used (except the default phone) will be deleted and the new paired phone will become the last used phone. (Last Used Phone: The phone connected with the unit that was used last.)
If you want to pair your phone with the unit, use the password **1234** to complete the pairing. When asked, enter this password in the phone you are pairing with this unit.

Auto Connect
If the unit has been set to auto connect, it will attempt to connect to the last used phone first. If Auto Connect is not activated, the unit will return to the previous operating mode. When the phone connects to the unit successfully, all of the cell phone's Bluetooth enabled options will be active.

Making a phone call

fig. 51

There are four ways to make a phone call from this unit:

1. Make use of the Number dial on the screen to make a call.
2. You can Enter the phone number using the numeric keypad and touch the icon to make a call. (must be in the Bluetooth mode)
3. You can open the phone book and select one to make a call directly. (your mobile phone must support this option)
4. If your phone supports voice dial, access this mode on your phone instead of using the phonebook.

Answering an incoming call

You can answer an incoming call manually using your handset or by touching this icon.

End a call

Touch the icon to end a call.

Telephone and Information

Telephone (Hands free system for cellular phone)

Hands free system allows you to make or receive a call without taking your hands off the steering wheel by connecting your cellular / mobile phone to the unit via Bluetooth. Bluetooth is a wireless data system by which you can call without your cellular phone being connected with a cable or placed on a cradle. If your cellular phone does not support Bluetooth, this system cannot function. The operating procedure of the phone is explained here.

NOTICE :
Do not leave your cellular phone in the car. The temperature indoor may be high and damage the phone.

BLUETOOTH DISCLAIMER

The types of Bluetooth® devices (including mobile phones) that can be connected to the hands-free system are limited and, even among compliant devices; some may not operate reliably with this product. Prior to operation, check the compatibility of your device with it's manufacturer.

Although Bluetooth® is intended to be a standard protocol, Bluetooth® device manufacturers may incorporate certain changes within this standard protocol over the course of the product lifecycle of the device (especially mobile phones). These changes are outside the control of this product and may result in the Bluetooth® functionality becoming impaired.

INFORMATION

In the following conditions, the system may not function :

- The cellular phone is turned off.
- The current position is outside the communication area.
- The cellular phone is not connected.
- The cellular phone has a low battery.
- Even if your cellular phone supports both hands free and audio
- Bluetooth connections, it may not be able to connect to the hands free connection at the same time.
- When using Bluetooth audio and hands free at the same time, the following problems may occur.
  - The Bluetooth connection may be cut.
  - Noise may be heard on the Bluetooth audio playback.
  - Talk alternately with the other party on the phone. If you talk at the same time, the voice may not reach each other. (It is not a malfunction.)
  - Keep the volume of the receiving voice down. Otherwise, an echo will be heard and receiving voice can be heard outside of the vehicle. When you talk on the phone, speak clearly towards the microphone.
  - In the following situations, your voice may not reach the other party.
  - Driving on unpaved road. (Making a traffic noise.)
  - Driving at high speed.
  - The window is open.
  - Turning the air-conditioning vents towards the microphone.
  - The sound of the air-conditioning fan is loud.
  - There is an effect from the network of the cellular phone
  - It may take time, the phone connection is carried out during Bluetooth audio play.

Table 10.

Specifications	
CEA Power Ratings	
Main Amplifier	Power Output: 20 watts RMS X 4 channels into 4-ohms @ < 10% THD+N Signal to Noise Ratio: 70dBA below reference. (Reference: 1 watt, 4-ohms) MAX Power : 40 X 4 watts into 4-ohms, all channels driven Frequency Response: 20Hz to 20kHz. -3dB Aux input used as source reference Reference Supply Voltage: 14.4VDC
DVD/CD Player	Compatible formats: DVD-R, DVD-RW, DVD+R, DVD+RW, CD-R, CD-RW, CD-DA, MP3, WMA, HDCD, SVCD, VCD, MPEG, JPEG, MP3/WMA files burned onto a DVD+R/W or DVD-RW and CD-R/RW Signal to Noise Ratio: 85dBA Dynamic Range: >95dB Frequency Response: 20Hz to 20kHz, -3dB Channel Separation: > 60dB @ 1kHz D/A Converter(s): 6-channels high performance 24-bit, 192kHz, multi-bit Sigma Delta modulation. DAC supports sample rates from 8~192kHz. Electronic Skip Protection (ESP): DVD: 2-3 sec, CD-DA: 10 sec, MP3: 100 sec, WMA: 200 sec (ESP time approximate) Mechanical anti vibration ability: 10~200Hz, X/Y/Z direction: 1.0G
Video Section	Format: NTSC, PAL (auto-detection) Output: 1Vp-p (75-ohm), buffered Input: 1Vp-p (75-ohm)
FM Tuner Section	Tuning Range: 87.5MHz - 107.9MHz Mono Sensitivity (-30dB): 10dBu Quieting Sensitivity (-50dB): 15dBu Alternate Channel Selectivity: 70dB Signal to Noise Ratio @ 1kHz: 58dB Image Rejection: 60dB Stereo Separation @ 1kHz: 30dB Frequency Response: 30Hz - 15kHz, -3dB
AM Tuner Section	Tuning Range:530kHz - 1710kHz Sensitivity (-20dB): 20dBu Signal to Noise Ratio @ 1kHz: 50dB Image Rejection: 60dB Frequency Response: 50Hz - 2kHz, -3dB Integrated SD Card Reader
Monitor Section	Screen Size: 6.95" (Measured diagonally). Screen Type: TFT Digital Display active matrix Response Time: 30mSec rise time, 50mSec fall time resolution, DVD/Composite Video in: 280,280 sub pixels, 1200 (W) X 234 (H)
General	Auxilliary Input impedance: 10k Power Supply: 10.5 to 16V DC, negative ground Fuse: 10-amp, mini ATM type DIN chassis dimensions: 7" X 7" X 2" (178mm x 178mm x 100mm)

* Specifications subject to change without notice.

Multi-Information Display

After the display of the opening LOGO for about 15 seconds, **Vehicle Information** replaces it as the **DEFAULT display**, the last source will have audio only.

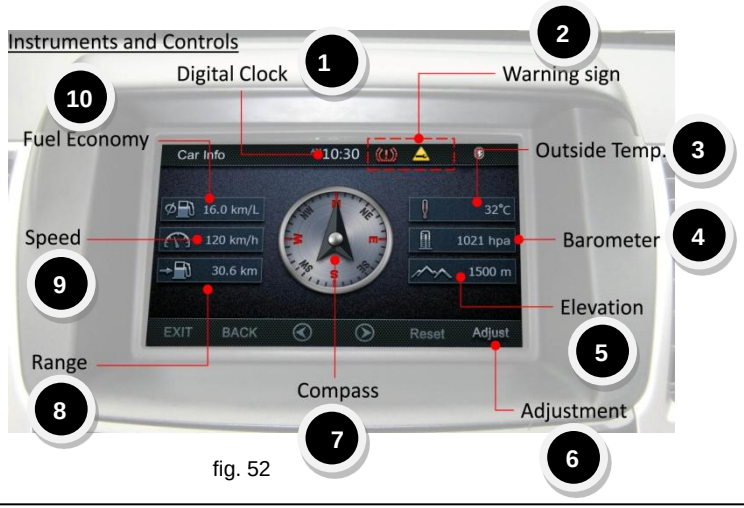


fig. 52

❶ Digital Clock
❷ Warning Display

Tire Pressure Monitor System

Periodic Maintenance Required

❸ Outside Temperature
❹ Barometer
❺ Elevation
❻ Adjust (Adjustment)
❼ Compass
❽ Range
❾ Speed
❿ Fuel Economy

fig. 53

Functional icon: You can **Select Functions** to adjust / set, exiting and return to previous selection.

Digital Clock: Indicates the time.
Changing the clock settings, from main menu touch the Setup icon to display general setup menu. ➔Page 8

Warning Display (See Page 29 - 31)

Outside Temperature: The outside temperature is read every five (5) minutes.

Barometer: This display shows the atmospheric pressure at the present location, values are read every five(5) minutes.

NOTE :
Touching the RESET function will not reset the indication hPa

Elevation: The current elevation in units is 100m (400ft) as shown. The elevation is read every five(5) minutes.

To adjust the elevation: Touch the 1500 m elevation icon on the screen, then adjust by touching icon or .

The adjusment icon increases by 100m (400ft) every time you lightly touch the icon. Continuous touching of the icon for about two (2) seconds or more, will result in the indication to fast-forward. Then the setting changes to the elevation selected.

The adjustment icon decreases by 100m (400ft) every time you lightly touch the icon. Continuous touching of the icon for about two (2) seconds or more, will result in the indication to fast-forward. Then the setting changes to the elevation selected.

NOTE:

- The elevation is determined from changes in atmospheric pressure. Depending on weather conditions, the indicated elevation may differ from the actual elevation. Variations in atmospheric pressure can cause different elevation to be shown even in the same location. Use the indication as a guide only.

Fuel Economy: The average value of the fuel consumption is read every 5 minutes.

Resetting the average fuel consumption:

- Touch the 16.0 km/L icon on the screen.
- Touch the “RESET” icon on the screen.
- Value shown “ --,- “ km/L.

fig. 54

NOTE :

- When the average fuel consumption cannot be calculated, “- -,-“will be shown.
- The average and momentary fuel consumption change will depend on the driving condition (road condition, driving behavior, etc.). The indication may differ from the actual fuel consumption. Therefore, it is recommended to use the indication only as reference.

Compass: This compass shows the direction of the vehicle.

NOTE:

- This system uses the earth’s magnetic field, and so may not show the correct direction depending on the traffic condition or in the following places where the earth’s magnetic field is disrupted.

➢ Car parks located in buildings and tunnels.
➢ Expressways and undergrounds cables.
➢ Areas along railroads

Adjust (adjustment)
Every time the “Adjust” icon is touched lightly, the display will change into two selections :

1. COMPASS SETTING

Touching the ADJUST icon will display compass VARIANCE as default, to search CALIBRATION, touch the icon or .

fig. 55

fig. 56

2. BAROMETER SETTING

Touching the ADJUST icon will display Barometer ADJUST, to search Barometer DEFAULT, touch the icon or .

fig. 57

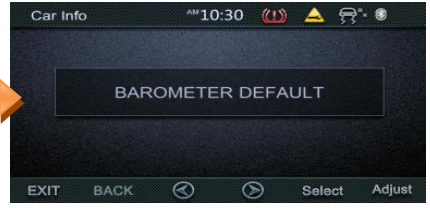


fig. 58

Compass Variance

To adjust compass variance, touch the **SELECT** icon to display adjustment data.

fig. 59

- Touch the icon or to set the desired declination.
- When the declination has been completed, touch the “SET” function icon.

Setting the Declination

The declination is the difference between true north (the direction of the geographic north pole) and where a compass needle points to. Since the declination varies from place to place, it needs to be for each region. Otherwise the compass will not show the declination by the following steps:

NOTE:

- The default declination setting is 0 degrees. In accordance with the illustration, set the declination setting to the declination contour nearest to a region where you drive the vehicle.

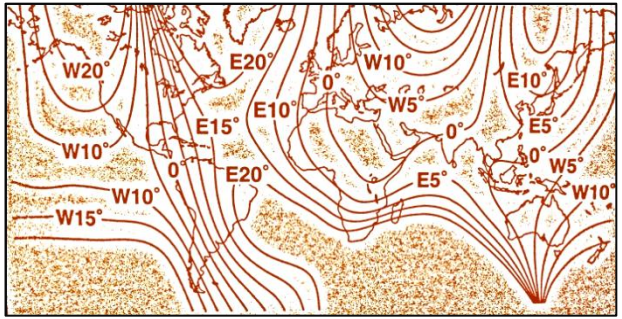


fig. 60

- The declination can be set at intervals of 1 degrees, from 28 degrees west (W28) to 28 degrees east (E28).

Compass Calibration

touch the SELECT icon to display “CALIBRATION READY”

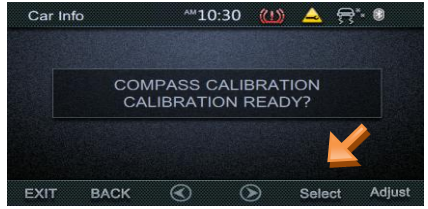


fig. 61

To Calibrate compass:

- Touch the SELECT icon again to display “Please drive slowly in a safe open area”
- Turn the vehicle slowly through 360 degrees in a safe open field with no buildings and other vehicles.

fig. 62

NOTE:

- If you wish to stop calibration the compass part-way through the procedure, the compass may not be properly calibrated in this case, you must turn the vehicle through 360 degrees.

Barometer Adjust

This display shows the atmospheric pressure at the present location. The atmospheric pressure values are read every 5 minutes.

- Touch the icon or to set the desired value.
- Touch the "**SET**" icon to complete the input date.

fig. 63

Barometer Default

To Set Barometer Default, touch the SELECT icon to display "Current Value: ___hPa REALLY?"

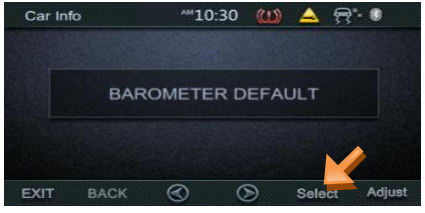


fig. 64

- Touch the "SET" icon to display the default Barometer Value "CURRENT VALUE:1006hpa"

fig. 65

- To return to Car info, touch EXIT

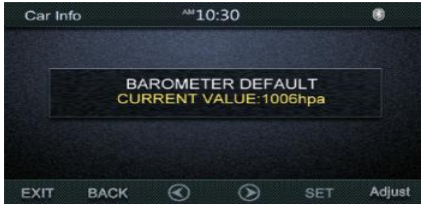


fig. 66

Range: This shows the distance (in km) that can be driven on the fuel remaining in the fuel tank. The driving range is read every 5 minutes.

NOTE:

- When the vehicle is fueled, the driving range will be updated. However, if the amount of fueling is small, the indication may not be correct. It is recommended to fill the tank as much as possible.
- The driving range is shown based on the accumulated fuel consumption data, However, it may change depending on the driving condition (road condition, driving behavior, etc.). If the battery terminals are disconnected, the accumulated fuel consumption data will be erased. It is recommended to use the indication as reference.
- When the vehicle is stopped on a steep slope, the value of the driving range may increase. This is caused by the fuel movement inside the tank on the slope and is not deemed as a failure. (malfunction)

Speed: The average value of the speed is read every 5 minutes.

Resetting the average speed:

- Touch the 120 km/h icon on the screen.
- Touch the "RESET" icon on the screen.

fig. 67

NOTE:

- When you turn the ignition switch to the "ON" position about 4 hours (or more) after turning it from the "ON" position to the "ACC" or LOCK" position, the average speed indication will automatically be reset.

MITSUBISHI
PUSH
OFF
PUSH
AUTO
PUSH
SRC
BAND
DVD
NAV