# Domain

DVD/VCD/CD/MP3/MP4/RMVB/USB/SD PLAYER
with built in BLUETOOTH/GPS
and FM/AM TUNER



DM-TO990NVI INSTRUCTION MANUAL



PN: 127075007403

# **Safety Precautions**

Thank you for purchasing this product. Please read through these operating instructions so you will know how to operate your model properly. After you've finished reading the instructions, keep this manual in a safe place for future reference.

Only connect the unit to a 12-volt power supply with negative grounding.



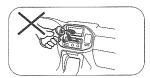
Never install this unit where the operation & condition for safe driving is impaired.



Never use the video display function in the front when driving to prevent the violation of laws & regulations and also to reduce the risk of traffic accident except for using rear view video camera.



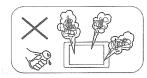
Never expose this unit, amplifier, and speakers to moisture or water to prevent electric sparks or fire.



Please don't change the fuse on the power cord without professional guidance, using improper fuse may cause damage to this unit or even cause fire.



Please contact your nearest dealer if one of the following symptoms is experienced:



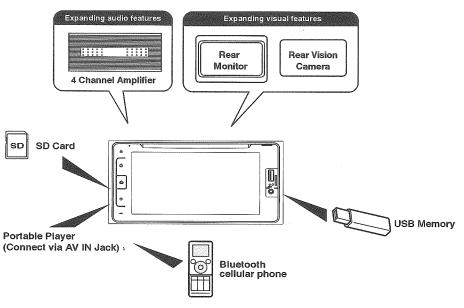
- (a). Water or other objects enters the unit.
- (b). There is smoke.
- (c). Peculiar smell.

To ensure safe driving, please adjust the volume to a safe and comfortable level in case of emergency situations.

# Safety Precautions

- Never disassemble or adjust the unit without any professional guidance.
   For details, please consult any professional car shop / dealer for inquiry.
- If the front panel or TFT monitor is dirty, please use a clean silicone cloth and neutral detergent to wipe off the spot. Using a rough cloth and non-neutral detergent such as alcohol for cleaning may result in scratching or decoloration to the monitor.
- If any abnormal behavior of the unit is found, please refer to trouble shooting guide of this manual. If no relevant information is found, please press the [RESET] key on the front panel to resume factory default.
- 4. If you have parked the car in hot or cold weather for a long time, please wait until the temperature in the car becomes normal before operating the unit.
- 5. Using the car heater in low temperature environment may result in moisture inside the unit, DO NOT use the unit in this situation. Eject the disc and wipe off the moisture on the disc. If the unit still doesn't work after a few hours, please contact the service center.
- 6. Do not impact the LCD monitor which could cause damage.
- 7. To prevent damage to the screen, avoid touching it with sharp objects.
- To provide a clear demonstration and an alternative for easy understanding to the operation of this unit, graphic illustrations are used.
   However, some illustrations are different from the actual images displayed on the screen.
- 9. Operate the unit correctly according to this manual to prevent unnecessary problem. The guarantee won't be valid if the problem is caused by inappropriate operation.

# **Expanding Systems**



### Note:

The items listed outside of the frame are the commercial products generally sold.

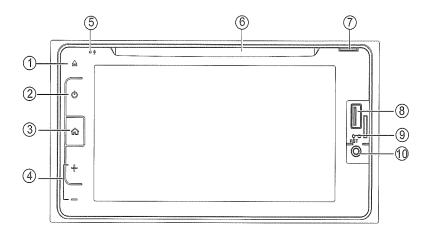
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# Before Using

# Front Panel



### Notice:

The graphic in this manual is for reference only, and may be different from the actual unit. Reference to actual unit is suggested.

# 1. Eject disc (when disc inserted)

### 2. [ (1) ] Button

Short press: Switch on device In operation: Mute audio source Long press: Switch off device

# 3. [ 介 ] Button

Press to switch between the main menu and current source.

# 4. Volume +/-

Increase / Decrease the volume

### 5. Microphone

### 6. Disc Slot

Insert the disc with label side facing up.

### 7. microSD card reader

The card reader supports micro SD cards on which either audio/video files or navigation data can be stored.

### 8. USB Connector

Connect a USB device for playback of music/video files.

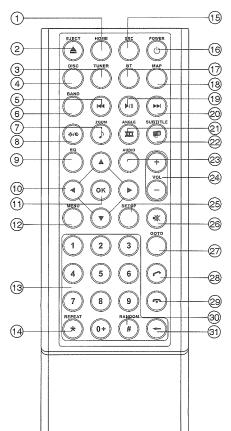
### 9. Reset

Load factory settings

### 10. AV IN

# Before Using

### Remote Control



- 1. Return to the home menu
- 2. Eject the disc
- 3. Access to tuner source
- 4. Access to disc source
- 5. Search an available radio station by decreasing tuning frequency
- Select the previous chapter/track for playback
- 6. Select radio band
- 7. Zoom in (Picture menu of CD/USB/SD)
  - Access to music list (Audio menu of music playing)
- 8. Adjust screen settings
- 9. Open EQ menu
- 10. Menu cursor
- 11. Enter
- 12. Open route menu (DVD)
  - Turns on/off PBC (VCD)
- 13. Digit area
- 14. Repeat playback
- 15. Change to next source
- 16. Power on/off
- 17. Access to Bluetooth source
- 18. Access to navigation source
- 19. Pause playback/Start playback
- 20. Search an available radio station by increasing tuning frequency
  - Select the next chapter/track for playback
- Playback disc in different angle for a scene (DVD)
  - Rotate (photo playing)
  - Access to video list
- 22. Language selection for subtitle (DVD)
- Access to photo list
- 23. Change the audio language for disc playback (DVD)
- 24. Increase/Decrease volume
- 25. Access to settings source
- 26. Mute On/Off Audio Output
- 27. Activate direct access mode
- 28. Dial/Receive a call
- 29. Hang up
- 30. Play all chapter/tracks in random order
- 31. Press to clear the number one by one
  - Hold to clear all the numbers

# Before Using

# **Notes on Remote Control Usage**

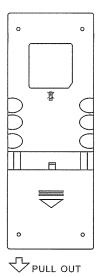
- 1. Aim the remote control at the remote sensor on the unit.
- 2. Replace the battery from the remote control or insert a battery insulator if the battery has not been used for a month or longer.
- 3. DO NOT store the remote control in direct sunlight or in high temperature environment, or it may not function properly.
- 4. The battery can work for 6 months under normal condition. If the remote control won't work, please change the battery.
- 5. Use"button shaped" lithium battery"CR2025"(3V) only.
- 6. DO NOT recharge, disassemble, heat or expose the battery in fire.
- 7. Insert the battery in proper direction according to the (+) and (-) poles.
- 8. Store the battery in a place where children cannot reach to avoid the risk of accident.

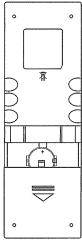
### Uninstall Battery

Slide out the battery compartment tray at the bottom on the back of the remote control.

### Install Battery

Use button-shaped lithium battery CR2025 (3V)" only. Insert the battery to the battery tray with proper direction according to the (+) and (-) poles.





# Basic Operations

### Parking Brake Inhibit

- · When the "BRAKE" cable is connected to the brake switch, the display on the TFT monitor will display video only when the brake is applied.
- · Parking brake function is overridden when the video source is set to REVERSE.
- · When the parking brake inhibit is active, the front monitor displays "Warning!!! It is illegal to view video while driving or operating a motor vehicle". Preventing the driver from watching content while driving. Rear video output is not affected.

### Mute

Press [(1)] button to mute the volume from the unit. Press again to restore the volume. Adjusting the volume or using any of the audio setup features cancels the mute function.

### Power On / Off

Press the [(1)] button on the unit to turn the unit on. The buttons on the front of the unit light up for a moment and the current mode status appears in the LCD.

Press and hold the [(1)] button to power off the unit.

# **Audible Beep Confirmation**

An audible beep tone confirms each function selection. The Beep tone can be disabled through the Setup menu.

# **Playing Source Selection**

available playing sources. The playing mode is displayed on the screen.

- 1. Date and Time display.
- 2. Function icons
- 3. All SRC.

# **Volume Adjustment**

Press the [ + ] or [ - ] button to increase or decrease the volume level.

The adjustable range of volume is 0 to 50.

### **EQ** 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. Proper setting of the Fader and Balance boosts the effects of the cabin equalizer.







# Basic Operations

# Select Preset Equalizer

1. Enter the EQ setup mode Touch the [ III ] icon in the user interface and the EQ setup interface will display on the screen.

2. Select EQ mode Touch the desired EQ selection: [Optimal]/[Classic]/[Rock]/ [Jazz]/[Techno]/[Pop], and the EQ mode will change.

### **Adjust EQ Parameters**

To adjust EQ parameters, touch and drag the parameters adjustment

[ User ]: Set the desired audio effect. Flat 1: Select the original audio effect.

Reset ]: Cancel the equalizer function settings.

[ Loud: On/Off ]: When listening to music at low volumes, this

feature will selectively boost certain bass and treble frequencies.



### **Adjust FAD BAL**

You can adjust front/back/left/right balance of the speaker and the subwoofer volume to get balanced listening effect according to the surroundings and your interest.

1. Enter the EQ setup mode Touch the [ ] icon in the user interface and the EQ setup interface will display on the screen.

2. Adjust subwoofer volume

Touch [ ◀ ] / [ ▶ ] to adjust subwoofer volume from -12 to +12.

3. Adjust fade / balance value

Touch [▲]/[▼]/[♦] to adjust fade / balance value from -20 to +20.

[ A ]: Front speaker

[ ▼ ]: Rear speaker

[ ]: Left speaker

[ > ]: Right speaker

### Notes:

- 1. The parameters of the EQ modes has been preset and you can not change them besides 'User'.
- 2. The EQ mode will change to 'User' automatically when you adjust the frequency value under the modes besides 'User'.
- 3. The value of Sub is independent of EQ mode and can be adjusted separately.



# Basic Operations

### Set Date /Time

- 1. Touch [ Settings ].
- 2. Touch [ Time ].

The date/time setup menu is displayed.



### **Set Date**

- 1. Touch [ Date ].
- 2. Touch the date information on the screen . A submenu is displayed.
- 3. Touch [▲] or [▼] to set year, month and day.

### Set Clock Mode

- 1. Touch [Clock mode].
- 2. Touch [12Hr] or [24Hr] to switch clock mode.

### **Set Time**

- 1. Touch [ Time ].
- 2. Touch the time on the screen, a submenu is displayed.
- 3. Touch [▲] or [▼] to set hour and minute.

### Tip:

When date/time is set, touch [ Save ] to confirm or [ Cancel ] to exit.

# Radio Mode

# Radio Display

- 1. Touch to view the SOURCE MENU and select a new playback source
- 2. Strong Local signal broadcasting indicator
- 3. Current radio band indicator
- Broadcaster information stored at the preset
- 5. Touch to view more on-screen buttons
- 6. Touch to seek backward
- 7. Search stations automatically
- 8. Touch to seek forward
- 9. Touch to change between AM/FM bands
- 10. Clock
- 11. Current preset radio station
- 12. Current radio information
- 13. Save the desired radio station
- 14. Touch to change between Local and Distance
- 15. Enter frequency directly
- 16. Touch for quick access to Equalizer level settings





# Select Radio as Playing Source

Open the Source Menu and then touch [Radio].

### Select One Radio Band

### Tune

### **Auto Tuning**

Touch and hold [ ► ] / [ ► ] icon on the user interface more than 1 second to seek a higher / lower station.

To stop searching, repeat the operation above or press other keys having radio functions.

### Note:

When a station is received, searching stops and the station is played.

### **Manual Tuning**

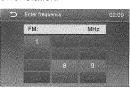
### Method 1:

During manual tuning, the frequency will be changed in steps.

Touch the [ ⋈ ] / [ ▷ ] icon on the user interface to tune in a higher / lower station.

### Method 2:

- Touch the numeric keypad icon [ ]. Numeric keyboard is displayed, touch number to input frequency.
- 2. Touch [ x ] to delete the input number step by step.
- 3. Touch [OK] to enter.



# Radio Mode

### **Preset Station**

The unit has 5 bands, such as FM1, FM2, FM3, AM1, AM2, and each band can store 6 stations; hence the unit can store 30 stations in total.

### **Search Stations Automatically**

Touch [  $\bigcirc$  ] to search station and store 6 strongest stations in current band automatically.

### Manual Store

- 1. Tune to a station.
- 3. Touch [ 🚣 ].
- 3. Touch one of the channels P1 to P6 to save the select band.

### Tune to a Preset Station

- 1. Touch [Radio].
- 2. Select a band (if needed).
- 3. Touch one of the preset channels (P1 to P6) on the screen.

# **Local Seeking**

Touch the [ $(I_{\mathbb{A}})$ ] icon and choose the Radio Local or Distance. When the [ $(I_{\mathbb{A}})$ ] icon turns bright, only stations with a strong signal strength will be detected. Default is "Distance".

### **EQ** Selection

Touch the [ | | | ] icon to enter the EQ setup menu.



# Playback Mode

### Load a Disc

You can play video, audio or images stored on the following discs:

- DVD Video, DVD-R, DVD-RW
- VCD
- · Audio CD, CD-R, CD-RW

### Note:

Ensure that the disc contains playable content.

### Eject a Disc

Press the [ \( \textstyle \)] key on the front panel to eject the disc. When the disc is ejected, the unit switches to the previous source.

### **Touch Screen Controls**

The touch key areas for DVD playback are outlined below:

- A: Return to the main menu
- B: Play the video and display playback information
- C: Display onscreen control menu
- D: Time display

# Controlling Playback

To access the on-screen controls, touch the screen except upper left corner, and touch again to cancel display. Touch [ •••• ] to view all function icons.

### Connect a USB Device

- 1. Open the USB door.
- 2. Insert the USB device into the USB slot. Play starts automatically.

### Remove a USB Device

- 1. Select other source on the main menu.
- 2. Remove the USB device.

### Insert a SD Card

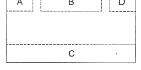
- 1. Open SD card cover.
- 2. Insert the SD card into the SD card slot. Play starts automatically.

### Remove a SD Card

- 1. Select other source on the main menu.
- 2. Press the card until you hear a click sound.
- 3. Remove the SD card.

### Play/Pause

 Once a disc, USB or SD card is inserted, play starts automatically.
 For DVD movie, if a menu appears, press [▶] to start play.







# Playback Mode

- To pause, touch [ ] ].
   To resume play, touch [ ▶ ].
- 3. Skip to previous / next track / chapter, press [ ◄◄ ] / [ ▶ы ] key.

### Previous/Next

Touch [  $\bowtie$  ] / [  $\bowtie$  ] key on the screen to skip to previous / next track / chapter.

# 15 02:14 2 Universal size 3 Universal size 4 Universal size 5 Universal size 5 Universal size 6 Universal size 6 Universal size 7 Universal size 7

# # 40 th date in Representings on 0.2:14 # Upper an act # Upper act

### Search for a Folder

### For Video Files

- 1. Touch [ ] to display all available video folders.
- 2. Touch a folder, then select the desired file.
- 3. Touch the file again to start play.

### For Audio Files

- 1. Touch [ ] to display all available audio folders.
- 2. Touch a folder, then select the desired file.
- 3. Touch the file again to start play.

### For Picture Files

- 1. Touch [ ] to display all available picture folders
- 2. Touch a folder, then select the desired file.
- 3. Touch the file again to start play.

### For Folder Control

- 1. Touch [ a ] to display all available folders
- 2. Touch a folder, then select the desired file.
- 3. Touch the file again to start play.

### Repeat

### For DVD/VCD movie disc:

- 1. Touch bottom half of the screen to display menu on the screen, if necessary.
- 2. Touch [ •••• ] to display the 2nd menu.
- 3. Touch [ ] repeatedly to select:

### DVD

- [ ] Repeat chapter: Play the current chapter repeatedly.
- [ ] Repeat title: Play all chapters in the title repeatedly.
- [ ] Repeat all: Play all in the disc repeatedly.
- [ ] Repeat off: Cancel repeat play.

### VCD

- [ ] Repeat single: Play the current single repeatedly.
- [ ] Repeat all: Play all in the disc repeatedly.
- [ ] Repeat off: cancel repeat play.

# Playback Mode

### For CD/MP3 files:

- 1. Touch anywhere except the upper left corner to display menu on the screen, if necessary.
- 2. Touch [ ] repeatedly:
  - [ ] Repeat all: Play all tracks repeatedly.
- [ ] Repeat folder: Play all in the current folder.
- [ ] Repeat single: Play the current single repeatedly.
- [ ] Repeat off: Cancel repeat play.

### Repeat A-B

You can repeat a specific of video file (repeat A-B).

- 1. Touch the screen to display control menu, if necessary.
- 2. Touch [ •••• ] to display the 2nd menu, if necessary.
- 3. Touch [ A-B ] repeatedly to mark:

Repeat A-: the start of the section to repeat.

Repeat A-B: the end of the section to repeat.

The selected section plays repeatedly.

4. To exit A-B repeat mode, touch A-B until [Repeat A-B off] displayed.

### Shuffle (Random) Play

You can play audio tracks/files in random order.

- 1. Touch the screen to display control menu, if necessary.
- 2. Touch [ •••• ] to display the 2nd menu, if necessary.
- 3. Touch [ >> ] on the screen repeatedly to turn random play on or off.

### Select Audio Mode

When you play VCDs, you can select an audio mode (R/L/Stereo).

- 1. During play, touch bottom half of the screen to display menu on the screen, if necessary.
- 2. Touch [ •••• ] to display the 2nd menu.

Touch [ | repeatedly until the audio mode is selected.

# Select Subtitle Language

For DVD discs that contain two or more subtitle languages.

- 1. During play, touch the screen to display menu on the screen, if necessary.
- 2. Touch [ ••••] to display the 2nd menu.
- 3. Touch [ " ] repeatedly to select a language.

The selected language is displayed.

# Video Setup

Touch [  $\blacksquare$  ] to access video setup mode, touch [  $\blacksquare$  ] or [  $\blacksquare$  ] to set the desired effect.

You may set the brightness, contrast, saturation, and hue of the video output from 1 to 20.



# Playback Mode

### **Playback Information**

Touch the screen when playing back DVD and VCD discs and the playback information will be displayed on the top area of the TFT.

### For DVD

- 1. Disc type.
- DVD Title information. "01/08" indicates that this DVD has 8 titles and the title playing back now is the first title.
- DVD Chapter information. "005/012" indicates that current title has 12 chapters and the chapter playing back now is the fifth chapter.

### For VCD

- 1. Disc type.
- VCD Track information. "01/08" indicates that this VCD has 8 tracks and the track playing back now is the first title.

### **Elapsed Time**

- 1. Elapsed time of the current track.
- 2. Total time of the current track.



DVD T:01/08 C:005/012

# **Direct Track Entry**

To select a track directly, touch the [ iii ] icon on screen control to displaythe direct entry menu. Enter the desired track using the onscreen number pad. Press [ OK ] to the selected track.



### **Rotate Pictures**

- 1. When you view pictures, touch the screen to display menu on the screen, if necessary.
- 2. Touch [ •••• ] to display the 2nd menu.
- 3. Touch [ 1] repeatedly to rotate the picture.

### Zoom

You can zoom in pictures for a close view.

- 1. When you view pictures, touch the screen to display menu on the screen, if necessary.
- 2. Touch [ •••• ] to display the 2nd menu.
- 3. Touch [ ( ) repeatedly to zoom in the picture.

# Bluetooth Mode

You can make or receive phone calls with Bluetooth-enabled phones through the unit. You can also listen to music from a Bluetooth-enabled device.

### Pair the Bluetooth-enabled Devices

To connect your Bluetooth device to the unit, you need to pair the device to the unit. Pairing needs only to be done once. You can pair up to five devices. You also can search for Bluetooth devices by mobile phone.

- 1. Turn on the Bluetooth function on the mobile phone.
- 2. Touch [ ] to search for Bluetooth device with the unit.
- 3. Select the Bluetooth device ID in the pairing list.
- 4. Enter default password "0000".

### Tip:

- The operational range between this unit and a Bluetooth device is approximately 5 meters.
- Before you connect a Bluetooth device to this unit, familiarize yourself with the Bluetooth capabilities of the device.
- · Compatibility with all Bluetooth device is not guaranteed.
- Any obstacle between this unit and a Bluetooth device can reduce the operational range.
- Keep this unit away from any other electronic device that may cause interference.

### **Disconnect Bluetooth Device**

To disconnect one device, touch [

### Tip

- The device will also be disconnected when the device is moved beyond the operational range.
- If you want to reconnect the device to the unit, place it within the operational range.
- If you do not want to reconnect the device to the unit automatically, touch [ ], then set [ Auto connect ] to [ Off ].
   For details, see the "Adjust Bluetooth Settings" section.

# Make a Call

- 1. Select Bluetooth function in the home menu.
- 2. Pair the phone with the unit.
- 3. Search for phone number from the following list:

[Phone Book]

[Call Log]

[Missed calls]

[Received calls]

[Dialed calls]

Or touch the number pad directly, then touch [ ] to dial.







# Elucionath Made

### Receive a Call

By default, all incoming calls are received automaticaly.

- 1. If there is an incoming call, the screen will appear "Incoming".
- 2. You may touch the screen to select [ Hang up ] or [ Answer ]. Speak into the Bluetooth microphone.
- · Touch[ ] to hang up the call.
- · Touch[ ] to mute the microphone
- · Touch[ ] to transfer the call to your mobile phone.
- Touch[ ] to show the key pad.

· You can select to receive calls manually by set [Auto answer] to [Off] status.

# **Adjust Bluetooth Settings**

- 1. In Bluetooth menu,touch [ ] ]. The option menu is displayed.
- 2. Touch on the selected option to change the setting.
- · [Bluetooth]: To turn on or off "Bluetooth" function.
- · [Auto connect]: To turn on or off "Auto connect" function.
- · [Auto answer]: To turn on or off "Auto answer" function.
- · [Pairing code]: To set paring code.
- · [Phone book sync]: To synchronize phone book, touch [ OK ] on the sub-menu popped out.

Phonebook sync may take several minutes to load on initial setup.

You can also adjust Bluetooth settings in the "Settings" menu.

### Music Mode A2DP

A2DP is short for Advanced Audio Distribution Profile. The mobile phones supporting this function can transmit stereo audio, whereas the ones not supporting this function can transmit mono audio only.

### AVRCP

AVRCP is short for Audio/Video Remote Control Profile. The mobile phones supporting this function can control the playback of a Bluetooth audio player.

In the mode of the music player working, if you want to make a phone call, you can press the number keys on the mobile phone. At the same time the music player will stop. The TFT screen will display "Calling", after the call received, the voice will be transferred to the unit. When the call ends, the screen will display music playing

If there is an incoming phone call, the music player will stop, and the screen will display "Incoming". When the call ends, the screen will display music playing menu.











# Settings

# **Display System**

- 1. Touch the upper left corner to display main menu.
- 2. Touch [ Settings ]. The settings menu is displayed.
- 3. Touch the upper left corner of the screen to exit.

# **Adjust General Settings**

- 1. Touch [ General ], if necessary.
- 2. Touch to highlight an option.
- 3. Touch the option to adjust it.

General settings	Options	Description	
Radio region	USA/China/Japan/Europe/Europe (LW)/OIRT	Select one that matches your location.	
Dadia vana	Local	Select Local to receive only stations with extremely strong signal.	
Radio range	Distance		
Blackout	Off/10s/20s	Set the screensaver.	
Dimmer mode	Night/Dark/Normal/Bright	Adjust the display brightness.	
Beep	On	Turn on the beep sound. Each time you press a button, the unit beeps.	
	Off	Turn off the beep sound.	
WallPaper	WallPaper1 / WallPaper2/ WallPaper3 / WallPaper4	You can select a wall paper.	
Key Color	Red/Blue	Select the background color of keys.	

<sup>4.</sup> Touch the upper left corner of the screen to exit.

# **Adjust Video Settings**

- 1. Touch [Video].
- 2. Touch the option to select:

Video settings	Options	Description
Borking	On	Disable video
Parking	Off	Enable video

3. Touch the upper left corner of the screen to exit.

When in Park "On" mode, the screen will display "WARNING" (if you play the video disc). The above warning screen will prevent the driver watching images.

# Adjust sound settings

- 1. Touch [Sound].
- 2. Touch an option to select:

Sound settings	Options	Description	
Sub woofer	On	Turn on the subwoofer.	
Sub wooler	Off	Turn off the subwoofer	
Sub woofer filter	80Hz		
	120Hz	Select subwoofer filter criteria.	
	160Hz		

3. Touch the upper left corner of the screen to exit.

# Serings

# **Adjust Time Settings**

- 1. Touch [ Time ].
- 2. Touch an option repeatedly to select:

Time settings	Options	Description
Date	Y/M/D	Touch [▲] or [▼] to set year, month and day.
Clock mode	12Hr/24Hr	Touch [12Hr] or [24Hr] to switch clock mode.
Time	H/M/AM/PM	Touch [ ▲ ] or [ ▼ ] to set hour and minute.  Touch [ ▲ ] or [ ▼ ] to set AM/PM (only for 12Hr).

<sup>3.</sup> Touch the upper left corner of the screen to exit.

# **Adjust Language Settings**

- 1. Touch [Language].
- 2. Touch an option repeatedly to select.

Language settings	escription	
OSD	Select on-screen display language.	
DVD audio	Select DVD audio language. Options available are depend on DVD disc.	
DVD subtitle	Select DVD subtitle language. Options available are depend on DVD disc.	
Disc menu	Select DVD menu language. Options available are depend on DVD disc.	

<sup>3.</sup> Touch the upper left corner of the screen to exit.

# Adjust Bluetooth Settings 1. Touch [Bluetooth].

- 2. Touch an option repeatedly to select.

Bluetooth settings	Options	Description
Divisionale	On	Turn on the Bluetooth function.
Bluetooth	Off	Turn off the Bluetooth function.
Auto connect	On	If the pre-paired device is within the effective range, the unit re-connects to pre-paired device automatically.
	Off	Need to re-connect manually.
Auto anavian	On	Answer paired phone call automatically.
Auto answer Off		Answer phone call manually.
Pairing code	Set the password for pairing the unit with other Bluetooth device.	
	Internal	Select internal microphone.
MIC Setting	External	Select external microphone.

<sup>3.</sup> Touch the upper left corner of the screen to exit.

# Settings

# **Adjust DVD Rating**

- 1. Touch [DVD].
- 2. Touch an option repeatedly to select.
- 3. Touch the upper left corner of the screen to exit.

DVD rating	Options	Description
Set password	Set password to restrict the play of discs. The default password is 0000.	
	Kid safe	Acceptable for children.
	G	Acceptable for general viewers.
	PG	Parental guidance suggested.
Rating level	PG-13	Unsuitable for children under age 13.
	PG-R	Recommend parents to restrict children under 17 to view.
	R	Restricted recommend parents to guide children under 17 to view.
	NC-17	Unsuitable for children under age 17.
	Adult	Acceptable for adults only.
DRC	On/Off	Dynamic range compression on or off.
Load factory	Restore to default settings.	

Adjust Volume Settings
You can set different volume for different modes.

- 1. Touch [Volume].
- The volume setting sub-menu is displayed.
- 2. Touch on a source.
- Touch [▲] or [▼] to assign value: 0 to 12.
   When switching to the source, the volume increases automatically.
- 4. Touch the upper left corner of the screen to exit.

# Other Modes

### Listen to Other Devices

You can connect an external audio/video device to the unit.

- 1. Connect the external device with the supplied AV cable.
- 2. Touch the upper left corner to display the main menu.
- 3. Touch [AV-IN 1]/[AV-IN 2] to access external device.

### Reset

When the unit hangs up, you can reset it.

Press [ RESET ] with a ball-point pen or similar tool.

### Tip

When the unit has been reset, all the settings will return to default settings.

### Replace a Fuse

If there is no power, the fuse may be damaged and need to be replaced.

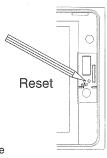
- 1. Take out the unit from dashbpard.
- 2. Check all electrical connections.
- 3. Buy a fuse that matches the amperage of the damaged fuse.
- 4. Replace the fuse while the units power is disconnected.

### GPS

- 1. Touch the upper left corner to display home menu.
- 2. Touch [Navi], the navigation menu will display.
- 3. Refer to the map manual to operate the navigation tool.

### **Steering Wheel Control Programming**

- 1. Touch the upper left corner to display home menu.
- 2. Touch [ SWC ], the SWC menu will display.
- 3. Adjust each key with a individual function.
- 4. Touch [ Pair ] to program.
- Press each individual steering wheel control button for each corresponding function.
- 6. Once the final steering wheel control button is programmed, the functions are saved and the programming will end.
- 7. Touch [Reset] to reset the programming.







# **Specifications**

General	
Reference Supply Voltage	12V(DC)
Operating Voltage Range	10.5 - 15.8V(DC)
Max Operating Current	15A
Grounding System	Car Battery Negative Pole
Dimensions(WXHXD)	
Weight(main unit)	
FM	•
Signal Noise Ratio	≥55dB
Residual Noise Sensitivity (S/N=30dB)	18dBµV
Frequency Response (±3dB)	20Hz~12.5KHz
Station Seeking Level	
Distortion	
Stereo Separation (1KHz)	
Antenna Impedance	
AM	
Residual Noise Sensitivity (S/N=20dB)	30dBuV
Selectivity (±9KHz)	>50dB
LCD	
Screen size	6.75 inches(16:9)
Display resolution	
Contrast radio	
Brightness	
DVD Player	260Cu/III
Signal / Noise Ratio	90dP
•	
Dynamic Range	
Distortion (line out)	
Frequency Response (±3dB)	
Maximum Output Power	
Load Impedance	4\(1)
AUX IN	.0.50/
Distortion	
Frequency Response (±3dB)	
Audio Input Level	0.5Vrms
Audio	
Audio Output Impedance	
Audio Output Level	3Vrms(Max)
Video	
Normal Video Input Level (CVBS)	1.0±0.2V
Video Input Impedance	
Video Output Impedance	
Video Output Level	1.0±0.2V
Environment :	
Operating Temperature	
Storing Temperature	20°C ~ +70°C
Operating Humidity	45%~80%RH
Storing Humidity	30%~90%RH

### Notice

When the unit is operated to extremes, such as with maximum power output for a long time, or the temperature is over 70°C, it will enter heat protection mode, the volume will be reduced automatically. This is normal.

# Specifications

### **Supported Formats:**

- ·USB or memory file format: FAT16,FAT32
- ·Mp3 bit rate(date rate): 32-320 Kbps and variable bit rate
- Directory nesting up to a maximum of 8 levels
- ·Number of albums/folders: maximum 99
- ·Number of tracks/titles: maximum 999
- ·ID3 tag v2.0 or later
- ·File name in Unicode UTF8(maximum length:128 bytes)

### **Unsupported Formates:**

- ·Empty albums:an empty album is an album that does not contain MP3 files,and is not be shown in the display.
- ·Unsupported file formats are skipped.For example, Word documents (.doc) or
- Mp3 files with extension.dlf are ignored and not played.
- ·AAC,WMV,PCM audio files

### Supported MP3 Disc Format:

- ·ISO9660.Joliet
- ·Maximum title number: 512(depending on file name length)
- ·Maximum album number: 255
- ·Supported sampling frequencies: 32kHz,44.1kHz,48kHz
- ·Supported Bit-rates: 32-320Kbps and variable bit rate

### **Supported Video Formats:**

- ·DVD
- ·RMVB
- ·MP4

# Region Code

According to DVD sale region, the whole world is divided into six regions. A DVD disc can be played back only when its region code is compatible with that of the player in use.

- Region 1: USA, Canada, East Pacific Ocean Islands;
- Region 2: Japan, West Europe, North Europe, Egypt, South Africa, Middle East;
- Region 3: Taiwan of China, Hong Kong of China, South Korea, Thailand, Indonesia, South East
- Region 4: Australia, New Zealand, Mid & south America, South Pacific Ocean Islands/Oceania:
- Region 5: Russia, Mongolia, India, Middle Asia, East Europe, North Korea, North Africa, North West Asia:
- Region 6: China, Mainland.

# **Cautions when using Discs**

- 1) DO NOT use irregular shaped disc.
- 2) Disc Cleaning
- Use a dry, soft cloth to wipe the disc from center to edge, only neutral detergent can be used.
- 3) When playing a new disc
- New disc may have some rough spots around the inner and outer edges. If such a disc is used, remove these rough spots with a pencil or ball-point pen, etc.

# **Troubleshooting**

What appears to be trouble is not always serious. Please check the following points before calling a service center.

Problem	Cause	Corrective action
	General	
	Unit fuse blown.	Install new fuse with correct rating.
Unit can not power on	Car battery fuse blown.	Install new fuse with correct rating.
	Illegal operation	Reset the unit.
	Improper audio output connection.	Check wiring and correct.
	Volume set too low.	Increase volume level.
No/low audio output	Speakers damaged.	Replace speakers.
	Heavily biased volume balance.	Adjust the channel balance to center position.
	Speaker wiring is in contact with metal part of car.	Insulate all speaker wiring connections.
	Pirated disc is in use.	Use original disc.
Poor sound quality or	Speaker power rating does not match unit.	Replace speakers.
distortion	Wrong connections.	Check wiring and correct.
	Speaker is shorted.	Check wiring and correct.
Unit resets itself when engine is off	Incorrect connection between ACC and BATT.	Check wiring and correct.
	TFT monitor	
Warning information is shown at all times	Parking break wiring is not correct.	Check wiring and correct.
	The color system of DVD disc does not match the monitor.	Adjust the color system of the DVD disc playing back or the monitor in use.
Flashing image or interference	Pirated disc is in use.	Use original disc.
appears on screen	Video cable damaged.	Replace cables.
	Improper video signal connections.	Check wiring and correct.
	Disc playback	
Cannot insert disc	A disc is already inside the unit.	Eject current disc and insert new one.
	Disc is warped or scratched.	Use disc in good condition.
	Disc is dirty or wet.	Clean disc with soft cloth.
Disc does not play back	Incompatible disc is used.	Use compatible disc.
	Disc is inserted upside down.	Insert disc with label side up.
	Disc region code is not compatible with unit.	Use disc with proper region code.
PBC cannot be used during VCD playback	PBC is not available on the disc.	Use disc with PBC available.
Repeat or search function is invalid during VCD playback	PBC is on.	Turn PBC off.
	Error messages	
	Disc is dirty.	Clean disc with soft cloth.
No disc	Disc is upside down.	Insert disc with label side up.
	No disc inside.	Insert disc.
Dod dies	Disc is dirty.	Clean disc with soft cloth.
Bad disc	Disc is dirty.  Disc is upside down.	Clean disc with soft cloth.  Insert disc with label side up.
Bad disc Unknown disc		· · · · · · · · · · · · · · · · · · ·

# Installation

# **Disconnecting the Battery**

To prevent a short circuit, be sure to turn off the ignition and remove the negative (-) battery cable prior to installation.



If the unit is to be installed in a car equipped with an on-board drive or navigation computer, do not disconnect the battery cable. If the cable is disconnected, the computer memory may be lost. Under these conditions, use extra caution during installation to avoid causing a short circuit.

# **Remove Transport Screws**

**WARNING!** Remove these two transport screws before installation. Otherwise, the DVD player will not work.

# Replacing the Fuse

When replacing the fuse, use a new 15A replacement fuse. Using a fuse with an improper rating could damage the unit and cause a fire.

# Wire Connections

