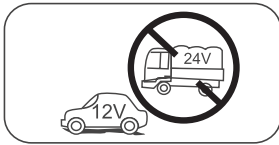


# Warnings

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

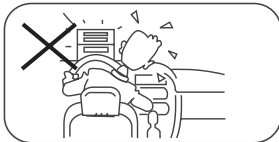
---

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



---

Never install this unit where operating it may impair safe driving conditions.



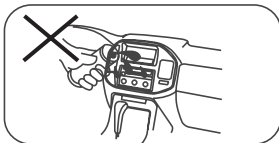
---

Never use the front video display function when driving, so as to prevent violating traffic regulations or causing an accident.

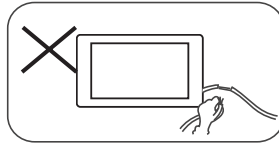


---

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

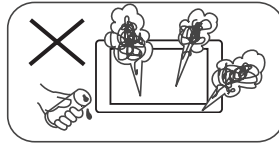


Do not change the fuse on the power cord without professional guidance. Using an improper fuse may cause damage to this unit or even cause fire.



---

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



- (a) Water or other objects enter 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.

## Precautions

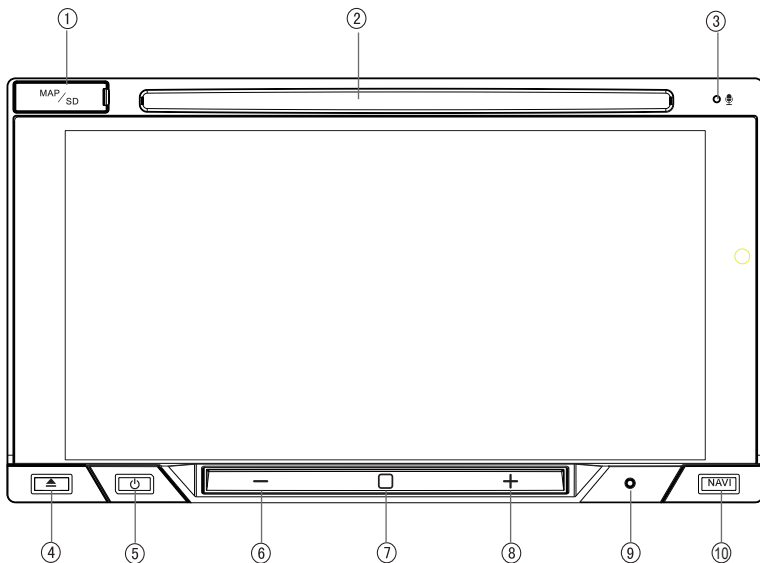
1. Never disassemble or adjust the unit without any professional guidance.  
For details, please consult any professional car shop / dealer for inquiry.
2. If the front panel or TFT monitor is dirty, please use a clean silicone cloth and neutral detergent to wipe off the spot. Using a rough cloth and non-neutral detergent such as alcohol for cleaning may result in scratching or decoloration to the monitor.
3. 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.
8. 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.

# Contents

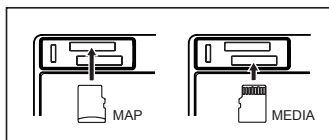
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# Before using

## Front Panel



1. **MicroSD card reader for map / media**
2. **Disc slot**
3. **Internal Microphone**
4. **[▲] Button**  
Press to eject a disc.
5. **[⏻] Power button**  
Press to turn the unit ON.  
Press briefly to activate the MUTE function. Press again to resume normal sound.  
Press and hold to turn the unit OFF.
6. **[–] Button**  
Decrease the volume level.
7. **[□] Button**  
Enter main menu.
8. **[+] Button**  
Increase the volume level.
9. **Reset Hole**
10. **[NAVI]: Enter navigation mode.**





### Notice:

The graphics in this manual are for reference purposes only and may differ somewhat from the actual unit.

# Basic operations


## Power on / off

Press the [  ] button to turn the unit on. The buttons on the front of the unit light up for a moment and the current mode status appears on the LCD. Press and hold the [  ] button more than 2 seconds to power off the unit.

## Parking Brake Inhibit

- When the "BRAKE" cable is connected to the brake switch, the video playback will be controlled by driving status, system setup and input video sources.
- Parking brake function is overridden when the video source is set to REVERSE.
- When the car is moving ahead, if video is played, the screen appears WARNING information and blank screen to prevent the driver watching images.

## Mute



When on, press the [  ] button on the front panel shortly to mute the volume from the unit.



To resume the volume, press the knob shortly again.


## Audible Beep Confirmation

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



## Open Main Menu

Press [  ] button on the front panel or touch the [  ] icon on the top left of the screen to open the Main Menu.

Use [  ] or [  ] to view the previous or next page of playing sources.



Press [  ] button again to return to the previous source.

## All Source Menu

Use [  ] or [  ] to view the previous or next page of playing sources, and then select the source you desired.


## Volume adjustment

### Volume Increase/Decrease

To increase or decrease the volume level, touch [  ] or [  ] button on the front panel. The volume range is from "0" to "50". After adjust, the TFT screen displays the volume level for 3 seconds.

## 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.

To enter EQ setting menu, touch [  ] (EQ) icon on the bottom of source menu.




## System reset

To correct a system halt or other illegal operation, use the tip of a pen to press the [ **RESET** ] key of the panel. After a system reset, the unit restores all factory default settings.




## Set Date /Time

1. Touch [  ] (Setting) icon on the playing source menu.
2. Touch [  ] (Clock) .  
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 [  ] or [  ] 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 [  ] to confirm or [  ] to exit.

# Radio mode

## Select Radio as Playing Source


Touch [Radio] on the main source menu.

## Tuner Menu





1. Touch to view the SOURCE MENU.
2. To view all the stored stations
3. Preset stations list of current band
4. Clock
5. Current station frequency
6. Current radio band
7. Touch to view more buttons
8. Tune backward(short press)  
Seek backward(long press, then short press briefly)
9. Search stations automatically
10. Tune forward(short press)  
Seek forward(long press, then short press briefly)
11. Touch to change band
12. Hide the second line of control buttons.
13. Save the desired radio station
14. Touch to receive Local or Distant stations
15. Enter frequency directly
16. Touch to access Equalizer settings menu

## Select One Radio Band

Touch the [  ] icon on the user interface to select one radio band among FM1, FM2, FM3, AM1 and AM2.

## Tune

### Auto Tuning

Press 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

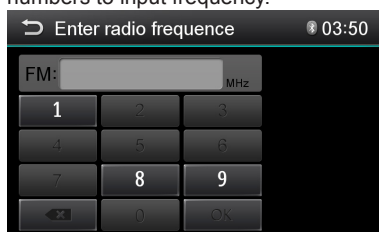
#### Method 1:


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:

1. Touch the numeric keypad icon [  ].  
Numeric keyboard is displayed, touch numbers to input frequency.



2. Touch [  ] to delete the input numbers step by step.
3. Touch [ OK ] to enter.

## 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.

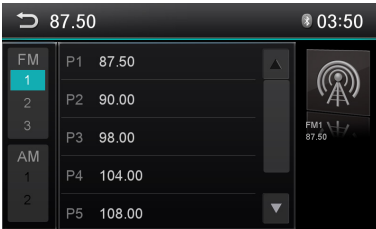
# Radio mode

## Search Stations Automatically

Touch [ 🔍 ] to search and store 6 strongest stations in current band automatically.

## Manual Store

1. Tune to a station manually.
2. Touch [ ★ ].
3. Touch one of the channels P1 to P6 to save the select station.



## Tune to a Preset Station

1. Touch [ ≡ ].
2. Select the desired band.
3. Touch one of the preset channels (P1 to P6) on the screen.

## Local Seeking

Touch the [ 📶 ] icon and choose the Radio Local or Distance.

When the [ 📶 ] icon turns bright, only stations with a strong signal strength will be detected . Default is "Distance".

## EQ Selection

Press the [ 🎛️ ] icon to enter the EQ setup menu.

(See "EQ" chapter for details.)

## Bluetooth mode

Bluetooth technology has the capability to wirelessly synchronize and transfer data among devices. The Bluetooth audio capabilities can be used for mobile phones hands free applications. Bluetooth has many profiles and the unit is compatible with most Bluetooth enabled mobile phones. Before attempting to use the Bluetooth functions on the unit, please make sure your mobile phone supports Bluetooth functions.

### **Note:**

*The line-of-sight distance between this unit and your mobile phone must be 8 feet (2.4 meters) or less for sending and receiving voice and data via Bluetooth wireless technology.*

Please make sure your mobile phone supports Bluetooth functions (Headset or Handsfree profiles or both). Adhere to the following guidelines for successful operation.

- Before using Bluetooth functions, you must pair your mobile phone to the unit (see "Pairing the Bluetooth System with Your Mobile Phone and Unit"). To ensure the best reception for pairing and re-connection, please make sure the mobile phone battery is fully charged before you begin.
- Try to perform pairing within a few minutes of the mobile phone being turned on.
- Once the unit has been paired with the mobile phone, the unit's Bluetooth model number will be displayed on the mobile phone.
- To achieve the best performance, always keep the mobile phone within 10 feet (3 meters) of the unit.
- Always keep a clear path between the mobile phone and the unit. Never place a metal object or any other obstacle between the mobile phone and the unit.
- Some mobile phones may have a "Power Saving Mode" option. PLEASE DO NOT use the power saving mode with the unit.
- Before accepting or making a call, make sure your mobile phone's "Bluetooth function" is turned on.

- To ensure the best conversation quality/performance, stay within 3 feet (1 meter) of the units microphone when talking.
- To manually disconnect the mobile phone from the unit, touch the "Chain Link" icon on the Bluetooth user interface (next to the mobile phone name) and the Bluetooth device will be "disconnected", but still paired.

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

## Pairing Bluetooth Enabled Devices

To connect your Bluetooth phone to the unit, the user needs to pair the phone to the unit. Pairing needs only to be done once. The user can pair up to five phones. The user can search for Bluetooth head units by mobile phone.

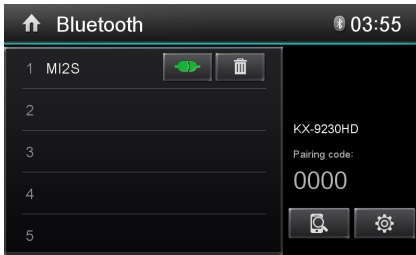
1. Turn ON the Bluetooth function of the car device.
2. Search for Bluetooth devices by mobile phone.
3. Select the Bluetooth device ID in the pairing list.
4. Enter the password displayed on the right of the screen.

### **Notes:**

- *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.*



# Bluetooth mode

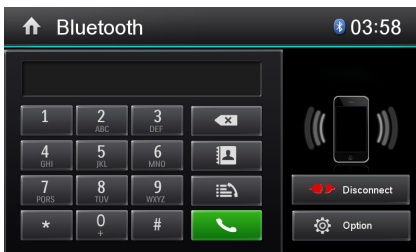


## Disconnecting a Bluetooth Device

To disconnect one device, touch [Disconnect] icon. After "Disconnect", the radio will display a screen listing paired devices. Pressing the Green "Plug" icon will reconnect a previously paired phone to the BT radio. Pressing the "Wastebin" icon next to a device's name will unpair the phone from the radio.

### Notes:

- The device will 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 [Options], then set [Auto connect] to [OFF]. For details, see the "Adjust Bluetooth Settings" section.



## Making a Call

1. Select Bluetooth function in the home menu.
2. On Option page, see the "Phone Synch" item, and press "Synch" to synchronize the phone book with the BT. If you have many contacts, this may take up to 3-4 minutes.
3. Search for phone number from [Phone Book] or [Call Log].

Or touch the number pad directly to input the numbers, then touch the green icon [ ] to dial.

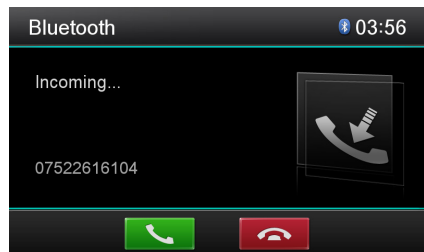


## Receiving a Call

1. If there is an incoming call, the screen will display "Incoming...".
2. Touch the screen to select [ ] (hang up) or [ ] (Answer). Speak into the Bluetooth microphone.


### Tip

- You can select to receive calls automatically by setting [Auto answer] to [On].



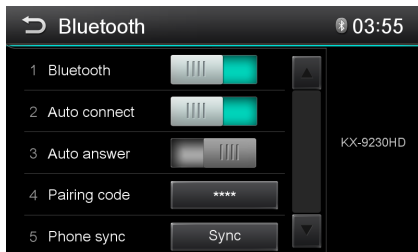
# Bluetooth mode

## Adjust Bluetooth Settings




1. In Bluetooth menu, touch [  Options ].  
The option menu is displayed.
  2. Touch on the selected option to change the setting.
- **[Bluetooth]:**  
To turn the “Bluetooth” function ON or OFF.
  - **[Auto connect]:**  
To turn the “Auto Connect” function ON or OFF .
  - **[Auto answer]:**  
To turn the “Auto Answer” function ON or OFF .
  - **[Pin code]:**  
To setup the pairing code.
  - **[Phone sync]:**  
To synchronize phone book, touch [ Sync ] on the sub-menu Phonebook Synch may take several minutes.

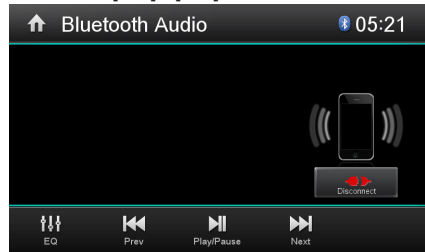
### Note:

- You can also adjust Bluetooth settings in the “Settings” menu.



## Music Mode

1. Pair your mobile phone to the unit.
2. Touch **[Bluetooth Audio]** on the main menu.
3. Touch the [  ] to start playback.  
Touch [  ] / [  ] to select track.



### 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 menu.

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.

# Playback

## 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.

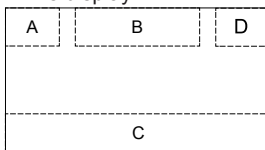
## Eject the disc

Press the [▲] 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 anywhere except for the upper left corner and touch again to cancel display.

Touch [••••] to view hidden function icons.

## Connect an USB device

Connect an USB device into the rear USB connector. Play starts automatically.

## Insert a MicroSD card

1. Open the SD card door on the top left of the front panel.
2. Insert a MicroSD card into the lower card slot. Play starts automatically.

### Notes:

1. If there are audio files supported in the USB stick/SD card, the system will enter the audio files menu automatically. If there are no audio files, but there are video files supported in the USB stick/SD card, the system will enter the video files menu automatically. If there are no audio or video files, but there are picture files supported in the USB stick/SD card, the system will enter the picture files menu automatically. If there no above audio/video/picture files supported in the USB stick/SD card, the screen will display: There are no audio/video/picture files supported.
2. Not all kinds of USB devices/SD card are compatible with the unit.

## Play/Pause

1. Once a disc, USB or MicroSD card is inserted, play starts automatically. For DVD movie, if a menu appears, press [▶] to start play.
2. To pause, touch [⏸]. To resume play, touch [▶].

## Previous/Next

Touch [◀◀] / [▶▶] key on the screen to skip to previous / next track / chapter.

## Search for a Folder

### Search for a Folder


When playback, touch [≡] icon to show folder/file list.

### For Video Files


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

# Playback


## For Audio Files

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

## For Picture Files



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

## For Folder Control

1. Touch [  ] to display all available folders.
2. Select a folder, then touch 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 chapter repeatedly.

Repeat all: Play all chapters in the disc repeatedly.


Repeat off: cancel repeat play.

### For CD/MP3 files:

1. Touch anywhere except the upper left corner to display menu on the screen, if necessary.
2. Touch [  ] repeatedly:  
Repeat single: Play the current single track repeatedly.  
Repeat all: Play all in the disc or storage 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 repeatedly, [Repeat A-B off] is 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 or Divx 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.

# Playback

## 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.

### Elapsed Time





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

## Direct Track Entry



To select a track directly, touch the [  ] icon on screen control to display the direct entry menu. Enter the desired track using the on-screen 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 [  ] 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.

# Evus Link

Open the Source Menu and then touch [ **Evus Link** ] to enter SmartLink menu.

## About Evus Link

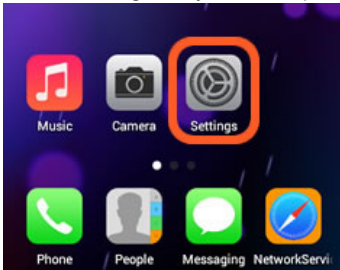
EvustLink is the function about connection information between the smart phone and the car device.

By Evus Link, you can synchronize the screen from your smart phone to the car device.

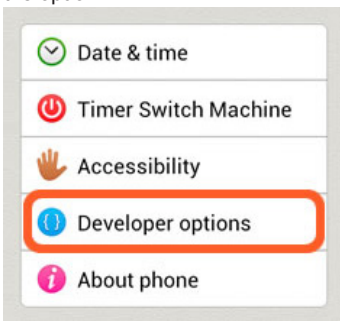
The function of the Evus Link depends on the configuration of your smart phone.

## Connect with Android Phone

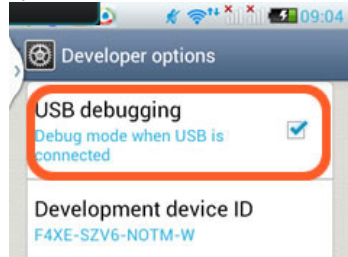
1. Select "Settings" on your smart phone.



2. Select "{}Developer options" from the option list of your mobile phone. If the option is not available in your phone, select "About phone" then press "Android version" or "version" 8 times to bring out the option.



3. Select "USB debugging" from developer options.



4. Connect the phone to the unit by USB cable.

After connect successfully, you can control your phone by the car device, such as receiving calls, dialing calls, listening to the music and watching movies or pictures from your phone, as well using navigation from the smart phone to the screen of the car device.

## Connect with iOS Phones

You could watch your iOS phone in mirror link mode in the headunit with big screen simply connecting your smartphone to the headunit with USB cable.

Please follow the next steps:

1. Go to " Phone Settings"
2. Turn On "Internet Sharing"
3. Enable " Display Duplication"
4. Select Apple TV



## 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, touch [ → ] to show other page of source menu.
3. Touch [AV-IN 1] to access front external device
4. Touch [AV-IN 2] to access rear external device. This option will be disabled when TPMS is enabled.

### 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.

### 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 [ → ] to show other page of source menu.
3. Select [ SWC ].
4. Adjust each key with a individual function.
5. Touch [ Pair ] to program.
6. Press each individual steering wheel control button for each corresponding function.
7. Once the final steering wheel control button is programmed, the functions are saved and the programming will end.
8. Touch [ Reset ] to reset the programming.



# Setup

## Display system

1. Touch the upper left corner to display the main menu.
2. Touch [  ].  
The settings menu is displayed.

## Adjust general settings

1. Touch [ **General** ], if necessary.
2. Touch to highlight a setting.
3. Touch to display/select an option.
4. Touch blank area of the screen to exit.

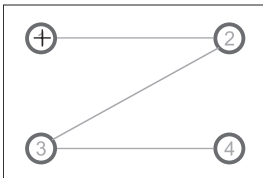
General settings	Options	Description
Radio region	USA/China/Japan/Europe/Eur LW/OIRT	Select one that matches your location.
Sensitivity	Local/Distance	Select Local to receive only stations with extremely strong signal.
Blackout	Off/10s/20s	Set the blackout status.
Dimmer mode	Night/Dark/Normal/Bright	Set the backlight dimmer of the screen.
Beep	On	Turn on the beep sound. Each time you press a button, the unit beeps.
	Off	Turn off the beep sound.
Calibration	Start	Calibrate the touch screen.
Key Color	Select the backlight color of the buttons.	

## Calibration

When the touch operation is not sensitive or valid, you should calibrate the touch screen through calibration setting function.

Adjust the response positions of the touch panel as followings:

1. Press the [ **Calibration** ] option on the setup menu to enter.
2. Touch [ **Start** ] to enter.
3. Press and hold the center of [ **+** ] for 2 seconds, the [ **+** ] will move automatically.
4. Aim at center of [ **+** ], follow the path as shown of the figure, after steps from 1 to 5, the system will exit calibrating automatically.





# Setup

## Adjust video settings

1. Touch [Video].
2. Touch the option to setup.

Video settings	Options	Description
Parking	On	Disable video when driving.
	Off	Enable video when driving.

When in Park “On” mode, the screen will display WARNING information if you play the video. The warning screen will prevent the driver from watching videos for safety.

## Adjust clock settings

1. Touch [ Clock ].
2. Touch an option repeatedly to select:
3. Touch blank area of the screen to exit.

Time settings	Options	Description
Date	Year / Mon / Day	Touch [ ▲ ] or [ ▼ ] to set year, month and day.
Clock mode	12Hr/24Hr	Touch [12Hr] or [24Hr] to switch clock mode.
Time	Hour / Min / AM / PM	Touch [ ▲ ] or [ ▼ ] to set hour and minutes.
		Touch [ ▲ ] or [ ▼ ] to set AM/PM (only for 12Hr).

## Adjust sound settings

1. Touch [ Sound ].
2. Touch an option repeatedly to select.
3. Touch blank area of the screen to exit.

Audio settings	Options	Description
Sub woofer	On	Turn on or off the subwoofer.
	Off	
Sub woofer filter	80Hz	Select a crossover frequency to set a cut-off frequency for the subwoofer's LPF (low-pass filter).
	120Hz	
	160Hz	
GPS mixed sound	Rear reduction	Select the mixed sound type of GPS.
	Rear normal	
	Rear mute	

## Adjust Language Settings

1. Touch [Language].
2. Touch an option repeatedly to select.
3. Touch blank area of the screen to exit.

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

# Setup

## Adjust Bluetooth Settings

1. Touch [Bluetooth].
2. Touch an option repeatedly to select.
3. Touch blank area of the screen to exit.

Bluetooth settings	Options	Description
Bluetooth	On	Turn on the Bluetooth function.
	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 answer	On	Answer paired phone call automatically.
	Off	Answer phone call manually.
Pairing code	Setup the pairing code.	
Microphone	Choose internal or external microphone.	

## Adjust DVD rating

1. Touch [ DVD ].
2. Touch an option repeatedly to select.
3. Touch blank area of the screen to exit.

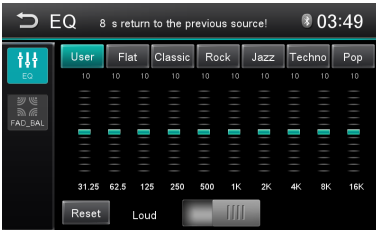
DVD rating	Options	Description
Set password	Set password to restrict the play of discs. The default password is 1234.	
Rating level	Kid safe	Acceptable for children.
	G	Acceptable for general viewers.
	PG	Parental guidance suggested.
	PG-13	Unsuitable for children under age 13.
	PG-R	Recommend parents to restrict viewing for children under 17.
	R	Restricted re-parental guidance is advised for children under the age of 17.
	NC-17	Unsuitable for children under age 17.
Adult	Acceptable for adults only.	
Load factory	Restore to default settings.	

## Adjust volume settings

You can set different volumes for different modes.

1. Touch [Volume].  
The volume setting sub-menu is displayed.
2. Touch to select a source.
3. Select a volume value from 0 to 12.  
When switching to the source, the volume increases automatically.
4. Touch blank area to close the sub-menu and touch top left of the screen to exit setting menu.

## Select preset equalizer



1. Enter the EQ setup mode  
Touch the [EQ] icon in the user interface and the EQ setup interface will display on the screen.
2. Select EQ mode  
Touch to select a desired acoustical preset option.

## Adjust EQ Parameters

To adjust EQ parameters, touch and drag the parameters adjustment bar.

[ User ]: Set the desired audio effect.

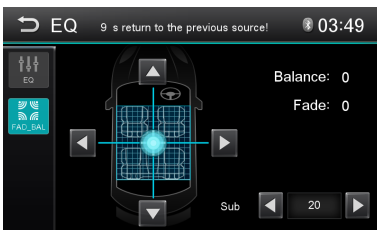
[ Reset ]: Cancel the equalizer function settings.

[ 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 [EQ] icon in the EQ interface.
2. Adjust subwoofer volume  
Touch [◀] / [▶] icon of "Sub" to adjust subwoofer volume from -12 to +12.
3. Adjust fader / balance value  
Touch [▲] / [▼] / [◀] / [▶] to adjust fader / balance value from -12 to +12.  
[▲]: Front speaker  
[▼]: Rear speaker  
[◀]: Left speaker  
[▶]: Right speaker




### Notes:

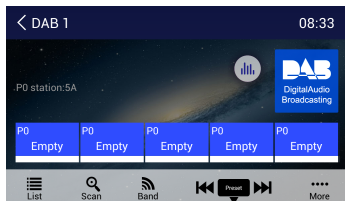
1. The EQ mode will change to 'User' automatically when you adjust the frequency value in all modes besides 'User'.
2. The value of Sub is independent of EQ mode and can be adjusted separately.

# DAB Digital Radio (optional)



**NOTE:** This function is available when Evus DAB 100 (sold separately) is connected.

## Select DAB as playing source

1. Touch [  ] to enter applications menu.
2. Select [DAB] on the IN CAR menu.



## Tune

There are four search modes. You can touch the position between [  ] and [  ] to select search mode from followings:

### 1. Current Search



Service Search in the current Ensemble.



### 2. ALL Search

Service Search for all stored by Station search.

### 3. Manual Search

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

Touch the [  ] or [  ] button on the operation bar to tune in a higher / lower station.

Hold the [  ] or [  ] button on the operation bar for more than 2 seconds to seek a higher / lower station.

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

### 4. Preset Search


Service Search in preset stations.

### Note:


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

## Service scan


The unit can search available services automatically.

If you want to search manually, press the [  ] button on the operation bar.

## Recall the stored services

1. Touch the [  ] button to show service list menu.
2. [Preset]: list preset services.  
[Current]: list all services on current ensemble.  
[All Service]: list all ensembles, select a ensemble to show the services in it.

## PTY Search

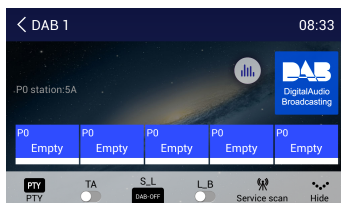
Touch [  ] button on the operation bar, then press the [ PTY ] button to show PTY type.

Drag up/down to scroll, and touch to select.

Touch [Seek] to seek a channel within the selected category.

## L-BAND ON/OFF

Press the [ L-B ] button on the operation bar to turn on L-B function.



# Troubleshooting

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

Problem	Cause	Corrective action
<b>General</b>		
Unit can not power on	Unit fuse blown.	Install new fuse with correct rating.
	Car battery fuse blown.	Install new fuse with correct rating.
	Illegal operation	Reset the unit.
No/low audio output	Improper audio output connection.	Check wiring and correct.
	Volume set too low.	Increase volume level.
	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.
Poor sound quality or distortion	Pirated disc is in use.	Use original disc.
	Speaker power rating does not match unit.	Replace speakers.
	Wrong connections.	Check wiring and correct.
	Speaker is shorted.	Check wiring and correct.
Tel-Mute malfunction	MUTE wire is grounded.	Check the 'MUTE' wiring and correct.
Unit resets itself when engine is off	Incorrect connection between ACC and BATT.	Check wiring and correct.
<b>TFT monitor</b>		
Warning information is shown at all times	Parking break wiring is not correct.	Check wiring and correct.
Flashing image or interference appears on screen	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.
	Pirated disc is in use.	Use original disc.
	Video cable damaged.	Replace cables.
	Improper video signal connections.	Check wiring and correct.
<b>Disc playback</b>		
Cannot insert disc	A disc is already inside the unit.	Eject current disc and insert new one.
Disc does not play back	Disc is warped or scratched.	Use disc in good condition.
	Disc is dirty or wet.	Clean disc with soft cloth.
	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.
<b>Error messages</b>		
No disc	Disc is dirty.	Clean disc with soft cloth.
	Disc is upside down.	Insert disc with label side up.
	No disc inside.	Insert disc.
Bad disc	Disc is dirty.	Clean disc with soft cloth.
	Disc is upside down.	Insert disc with label side up.
Unknown disc	Disc format is not compatible with this unit.	Use disc with compatible format.
Region Error	DVD region code is not compatible with this unit.	Use disc with compatible region code.

# Device connections

## Notes of connection

- This unit is designed to be used in a vehicle with a 12-volt battery and negative grounding. Before installing this unit to a recreational vehicle, a bus, or a truck, make sure the battery voltage is appropriate for this unit to be used, otherwise, install a transformer by professional to convert the output voltage to 12V.
- To avoid short circuit in the electrical system, ensure that the negative battery cable is disconnected before installation.
- To prevent short circuit in the wiring and damaging to this unit, secure all wirings with cable clamp or adhesive tape. Route the wirings in a secured, out of heating place without touching any moving parts such as gear shift, handbrake, and seat rails to prevent the wiring insulation being melted / wore off.
- Never pass the yellow power cord through the installation hole into the engine compartment and connect to the car battery. Otherwise, a high possibility of serious short circuit to the electrical system may be occurred.
- Replacing a new fuse with 15A rating when the old one is broken, using no fuse or fuse with improper rating may cause damage to this unit or even fires. If a proper fuse is installed and electrical problems still occur, please contact with any professional car shops for inquiry.
- Do not connect other equipments with the car battery to avoid battery overheating.
- Please make sure all the wiring connections & the cables of the speakers are well-insulated. Otherwise, this unit may be damaged by short circuit.
- If there is no ACC available, Please connect ACC lead to the power supply with a switch.
- If an external power amplifier is connected, please don't connect P.CONT lead to the power lead of the external power amplifier, otherwise, electric spark or other damage may be resulted.
- Never ground the speaker output to prevent the damage to the built-in power amplifier.
- The minimum rating of the speakers connected to this unit is 50W with 4 to 8Ω impedance.

## Control cables

### Auto Brightness Control

To avoid the display being too bright at night time, if the headlight cable is connected to ILLUMI, turning on the headlight will dim the backlight of the TFT LCD and vice versa.

### Telephone Mute

If the MUTE cable is connected to a car phone, other audio outputs mute when one call is received by the car phone.

### Reverse Driving

If a rear view camera is connected with the unit, the playing source switches to CAMERA automatically when you start reverse driving. You can also touch [Camera] in the main menu to view the image of rear camera.

As the reverse driving is done, the playing source switches to the previous.

### Parking Brake

1. If "PRK SW" cable is connected to hand brake switch, video display on the TFT monitor will be controlled by this function.  
Parking cable function ceases when the playing source is CAMERA.
2. The monitor displays the blue screen with warning information to prevent the driver watching video contents during driving, but the passengers at the rear seat can watch video contents normally.

## 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 Asia;

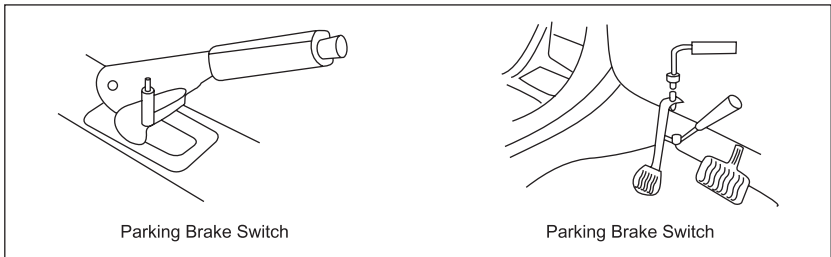
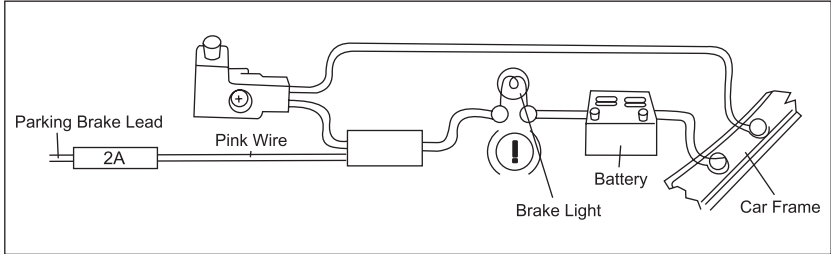
Region 4: Australia, New Zealand, Mid & south America, South Pacific Ocean Islands/Oceania;

Region 5: Russia, Mongolia, India, Middle Asia, East Europe, North Korea, North Africa, North West Asia;

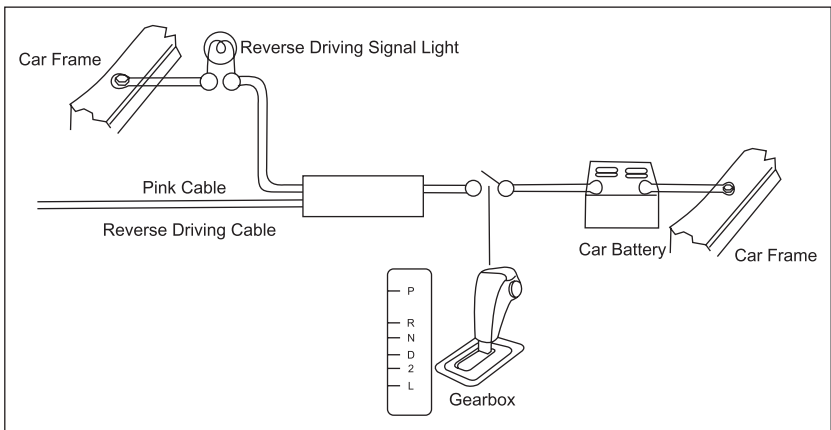
Region 6: Chinese Mainland.

# Device connections

## Parking brake cable connections



## Reverse driving cable connections



# Specifications

## General

Reference Supply Voltage.....	12V(DC)
Operating Voltage Range.....	10.8 - 16.0V(DC)
Max Operating Current.....	15A
Grounding System.....	Negative
Dimensions(WXHXD).....	178X100X164mm
Weight(main unit).....	1.89kg

## FM

Signal Noise Ratio.....	≥55dB
Residual Noise Sensitivity (S/N=30dB).....	≤15dBμV
Frequency Response (±3dB).....	30Hz~15KHz
Station Seeking Level.....	20~28dBμV
Distortion.....	≤1.0%
Stereo Separation (1KHz).....	≥25dB
Antenna Impedance.....	75Ω

## AM

Residual Noise Sensitivity (S/N=20dB).....	≤35dBμV
Selectivity (±9KHz).....	≥50dB

## Screen

Screen size.....	6.75 inches(16:9)
Display resolution.....	800X480

## DVD Player

S/N Ratio.....	≥75dB
THD+N.....	≤0.1%
Frequency Response (±3dB).....	20Hz~20KHz
Maximum Output Power.....	4×45W
Load Impedance.....	4Ω

## AUX IN

Distortion.....	≤0.5%
Frequency Response (±3dB).....	20Hz~20KHz
Audio Input Level.....	0.5V

## Preout

Output Impedance.....	10KΩ
Output Level.....	3V

## Video

Normal Video Input Level (CVBS).....	1.0±0.2V
Video Input Impedance.....	75Ω
Video Output Impedance.....	75Ω
Video Output Level.....	1.0±0.2Vp-p

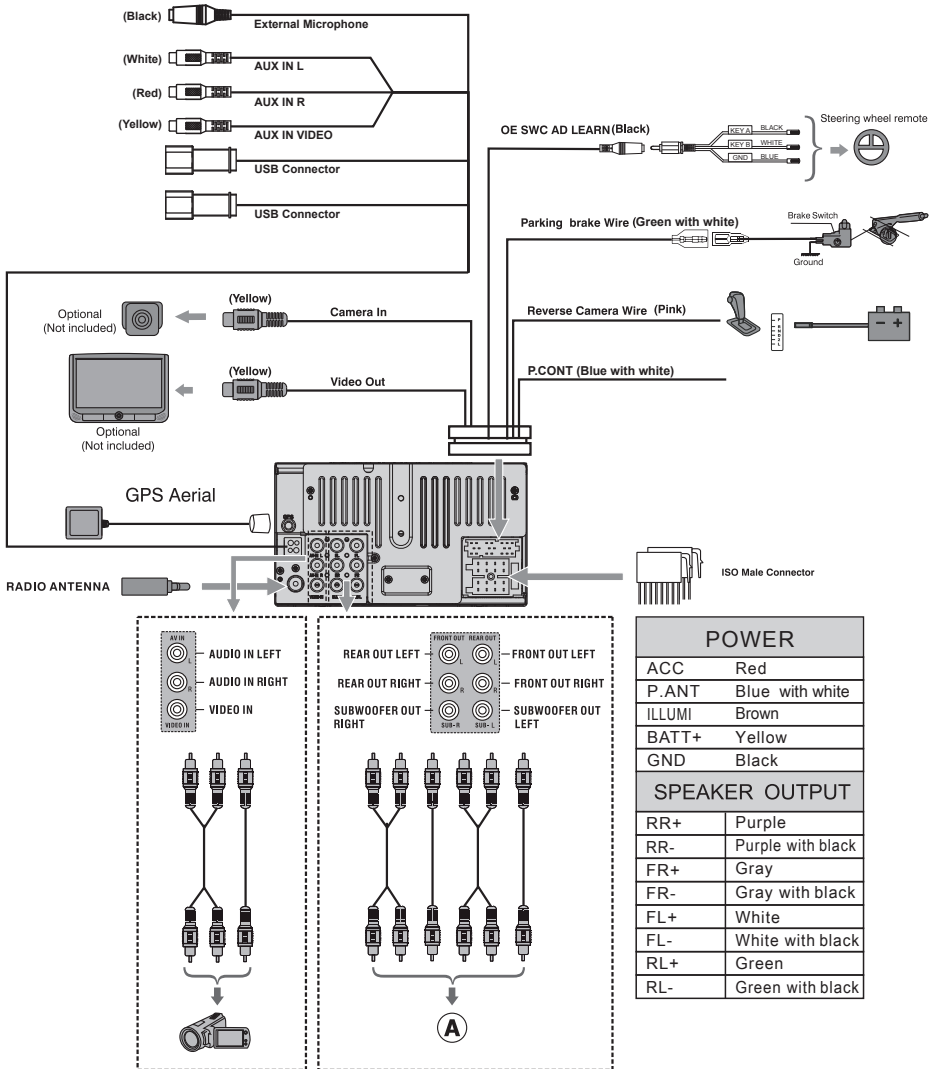
## Environment

Operating Temperature.....	-20°C ~ +60°C
Storing Temperature.....	-30°C ~ +80°C
Operating Humidity.....	45°C/80%RH
Storing Humidity.....	60°C/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.



# Wiring diagram





PN: 127075007174