Vehicle Navigation & Entertainment System

User Manual

Notes: Please read this user manual carefully before operation.
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Functions ▶

Unique Functions

HD resolution Operable PIP VMCD Surfing online
3D map Phonebook download Iphone Menu Front view Camera

Basic functions

Built-in GPS, support handwriting
AM/FM Tuner
Digital TV
Compass
AV Input, IPOD input
Bluetooth
Support DVD/USB/SD
Rear view camera
Steering wheel control
Calculator/Games
Changeable background
Icons movable to any locations

Less Pallets

Safety Precautions

Thanks for choosing vehicle multimedia audio & video series products from our company. Please read this user manual carefully before use and keep it properly for future reference.

To avoid human injury or other hazards please read the following precautions carefully before installation.

1. This machine is applicable to vehicle power system of 12V (connected with earth wire). Do not install this machine in truck or bus with 24V power system, which may cause damage to this unit.

2. Please use genuine disc rather than non-standard or poor-quality discs, or else it may cause machine failure of affect service life.

3. Do not replace the power fuse of use inappropriate fuse without the guidance of professional, or else it may cause damage to this unit or trigger fire alarm.

4. For fear of violating traffic regulations, drivers are forbidden to watch program and operate this unit to avoid traffic accident.

5. For consideration of safety and normal operation, please have this unit installed by the professional staff who sells this product to avoid machine damage and accident. For details, please consult the local professional dealer of auto audio devices.

6. Do not place this unit in damp surroundings or in water to avoid electric shock caused by short circuit and prevent unnecessary damage and fire hazard.

Tips: For fear of short circuit, please remember to turn off the engine and disconnect ACC from B+ before Installation.
Basic functions

Turn on/off the unit

Turn on
Plug in the key to turn on if drivers previously pull up the key to turn off.
Press power button on the panel to turn on if drivers previously press same button to turn off.

Turn off
Pull up the key or long press the power button to turn off the unit.

Main Menu

Users can slide the icons to any location, those highly used icons (Radio, bluetooth, navigation, etc..) can be placed in the 1st page for easy use.
Touch certain icon to operate the function accordingly. Please refer to the Image 1.

![Image 1](image1.png)

![Image 2](image2.png)

Touch the small point on the main menu to shift the pages from 1 to 4.
Please refer the Image 2 to Image 4.

![Image 3](image3.png)

![Image 4](image4.png)

Picture in picture

Picture in picture (PIP for short) means you'll be able to view two different programs on the same screen simultaneously. A sub-program can be inserted while viewing the main program. The sub-program can be zoomed in or out and be movable on the screen. Also it can be operated to select frequency or make calls etc.. in radio or bluetooth menu.

Operation

Take game menu for example:
Press the “MENU” button on the panel while playing, you'll see some small icons pop out on the bottom.

Press "" icon on the bottom, a radio menu will pop out.

Press " " to minimize the window.
Press " " to maximize the window.
Press " " to close the window.
Press " " or " " to select the frequency.

Currently the functions which support PIP include: bluetooth, DVD, VMCD, IPOD, AVIN, USB, SD.

Operating PIP for DVD, IPOD, AVIN, USB, SD functions require the external connection.
Volume Adjustment
Press " " on title bar, a volume adjustment frame will pop out. Slide the scroll bar to adjust the volume. Press " " behind the frame to mute the volume.

Enter/Exit
Press " " to enter radio menu. Touch " " to get back to the previous menu. Press " " to get back to the home menu.

AF/TA/PTY
In transmitting FM broadcast signal, RDS adopts sub-carrier to send out the station name, program type, program content and other information in digital form. These signals can be identified by RDS tuners and be dealt with response. RDS broadcast focuses on its AF and TA functions. AF means auto frequency adjustment. When signal is lower than certain level, AF function enables to search other frequency clusters transmitted by the current station. In addition, RDS radio system has an exclusive function of "Exchange Information". In case of emergency, radio station will send special signals forcing to play your radio. Besides, RDS radio system still has such functions as time reference transmission and auto radio-time adjustment. Thus, it is very convenient to use RDS on such mobile devices as auto and mobile phones. However, it is a pity that at present no radio stations in China support RDS.
Browser

Plug in the wireless modem and correctly set the dial-up connect under setting menu, then click " " to enter internet browsing. Input the target website by the soft keyboard on the bottom.

SWC

Press " " and select "user define" to enter steering wheel control (SWC for short) menu.

DVD

The unit can play the discs with the format of DVD/VCD/CD/MP3/MP4/JPG etc. (for the discs with diameter of 12CM only)

Enter/Exit

Press " " to enter DVD menu.

DVD-5 means SS-SL DVD which is widely accepted by people. The memory is up to 4.7GB, nearly to 5GB.

DVD-9 means SS-DL DVD in which single side includes two layers information with a total storage of 8.5GB.

With a DVD-9 format DVD, you can store a high quality movie which can last 120 minutes rather than changing disc half way.

DVD-R/R is the recording format generally recommended by Pioneer, it can be widely compatible with other formats.

Only use conventional disks, as irregular, non-circular or deformed disks may be blocked or can not be read. Do not put disks in the high-temperature place exposed to sunlight. Neither stick labels on the surface of disk, nor scribble or use chemicals on it.
Menu operation

Touch anywhere on the screen to display the control menu.

Touch "0:00:000" means there are 99 titles in the disk, it’s playing the 1st title.

"0:00:000" means there are 99 chapters in the disk, it’s playing the 1st chapter.

Press " " to get back to the home menu.

Press " " to enter next page.

Press " " to select titles or chapters which you need to play repeatedly.

Press " " to fast rewind or forward as times of X2X4X8X20.

"0:00:000" displays playing progress and running hours, 00:50:00 means current time, 01:30:00 means showing time length.

! The display of subtitle, language and angle can be operated only with the condition that those functions are also supported by the disk itself.

VCD

Press “PBC” to display the playing condition of DVD menu.

Press “Stereo” to shift between stereo, left channel and right channel.

JPEG

Press " " to rotate image at the angle 90°

Press " " to zoom out image as times of 1/2, 1/3, 1/4, 2, 3.

CD

" " displays the information of the disk format (CD or MP3).

" " displays the playing info such as the title name.

" " 00:00:00:30 means current time, 00:04:52 means showing length time.

Enter/Exit

Keep the disk right side up and place into DVD loader, then it can be automatically played.

Press " " to exit.
DVD

Select playing title

Press T001/099 "to display the title currently playing. Modify the numbers on the position with yellow color window, need to input the numbers on the keyboard select other titles.

Repeat play DVD

Press "H" to repeat play current title.
Press "CANCEL" to cancel current title playing.

Repeat play CD

Press "H" to repeat play current title.
Press "ALL" to repeat play all titles.

USB

The operation is valid only when the unit has USB slot.

Plug in:
The unit will be automatically shifted to source file when plug in USB.

Pull out:
Directly pull out USB to exit.
Press " " to enter USB menu..

SD

The operation is valid only when the unit has SD slot.

Plug in:
The unit will be automatically shifted to source file when insert SD card.

Pull out:
Push SD card to exit from the slot.
Press " " to enter SD menu..
Bluetooth (BT for short) is a kind of radio technology that supports short-range communication. Besides supporting BT headset, auto-connection is another advantage. Auto-connection means built in BT module auto connect mobile phones and be standby after the system opened.

**Enter/Exit**

Press " " to enter BT menu.

Press " " to exit and get back to main menu.

**Pair/Connect**

Open BT on your mobile to use hand free function. The device name "GATEQ BT" will be showed on the phone after the system successfully connected with the phone. You need to input "0000 (default password)" for paring. There will display as "connected" on the screen after paring.

**Dial/Hang up**

Make calls with mobile phone or enter numbers to dial on the unit screen.

Press " " to dial

Press " " to hang up.

Press " " to delete if you input a wrong number.

**Connection Menu**

While there is any incoming call, the system will auto shift to BT menu in any mode. Hand-free function is available.

Press " " to hang up.

**Call Records**

Press " " to check call records.

Press "all" to check all call records.

Press "received calls" and "missed calls" to check records accordingly.

Select a record and press " " to delete the record.

**BT Music**

BT music means the music can be controlled and played by our unit while playing on the phone. (Here we ignore the operation steps since they are different due to different brand of mobile phone.)
Phonebook

There are three ways to achieve the phonebook function after connection between cellphone and the unit:
1. Auto download;
2. Press " @ " to download;
3. Select the target contact info on the phone to send by bluetooth.

Setting

Press "on" to open bluetooth function under setting menu. Open bluetooth function of your cellphone and search device. Input password "0000" for pairing.

Bluetooth

Enter/Exit

Press " " to enter compass menu.
Press " " to exit compass and get back to home menu.

Description

Elevation: acquired by GPS data. Precision is less than 20 meters.

Speed: calculated by GPS data.
Indicator ▼: means the direction to which the car drive.
The accuracy of longitude and latitude is less than 15 meters.

Average speed: means average speed after zero clearing.

The data displayed on compass is provided by GPS signal. The data is not valid while the system can not detect GPS signal.

The data is only valid during driving. Partial models doesn’t have compass function, please refer to the actual models.
Virtual memory CD (VMCD for short) specializes in quadruple record and continuous record at breakpoint. Single data rate means you can record and play CDs simultaneously which will last 60 minutes while quadruple record technology enables the record time as short as 10 minutes. Continuous record at breakpoint refers to the record can be automatically continued from previous record.

Enter/Exit
Press " " to enter VMCD menu.
Press " " to exit and back to the home menu.

Disk Status
- Refers to the disk under operation.
- Refers to the disk which are fully recorded and un-recorded respectively.
- Refers to the disk memory.

Functions
- Press " " to select last track.
- Press " " to pause or play.
- Press " " to select next track.
- Press " " to play in order.
- Press " " to random play.
- Press " " to record.

Recording
Put the CD in DVD loader.
Press " ".
Select the blank disk or the disk which is not fully recorded, press " " again to record. If the disk is full, the system will only record after clearing up.

Playing and recording can be operated simultaneously.
Digital TV >

Enter/Exit
Press " " to enter digital TV menu.
Press " " to get back to home menu.

Functions
Press " " to select previous channel.
Press " " to select next channel.
Press "SEARCH " to auto search.
Press "LIST " to display the channel list.
Press "INFO " to display the program list.
Press "VERSION " to display the version information.

Insert SD card which includes upgrading software to the card slot, and press " ", system will be restarted automatically to upgrade.
Press "Yes" or "No" to proceed or cancel the operation.
GPS data

Enter/Exit
Press "\[enter GP$ data menu."
Press "\[to exit and back to home menu.

Functions
State: Searching Satellite Signal: Refers to all the GPS data.

Refers to satellite position.

Refers to the signal intensity.

Refers to GPS reset for relocation.

AVIN/ IPOD Input

AVIN function enables the video signal of external media player input to the system, like camera, game machine etc.

AVIN Input
Press "\[ to enter AVIN menu.
Press "\[ to exit and back to home menu.
The system will show as "No signal" if no devices are connected.

IPOD Input
Press "\[ to enter IPOD menu.
Users can operate on the screen for "play, pause, last track, next track etc." on the screen.
Press "\[ to exit and back to home menu.
Press " " to enter setup menu.
Press " " to enter previous menu.
Press " " to get back to home menu.

1. Background
Press " " to enter background setup menu. Users can set opening logo or background by selecting images in album or uploading via SD card.

2. Bluetooth Setup
Press " " to enter bluetooth setup menu. Press "ON" or "OFF" to open or close bluetooth function. Press " " to get back to previous menu.

3. Navigation Setup
Press " " to enter navigation setup menu. Press "Navi path" to choose navigation path. Press " " to get back to previous menu.
4. Audio Setup
Press "ffi" to enter audio setup menu. Press "ON/OFF" to open or close sound.
Press "Sounds type" to select sound type after opening.
Press "Audio control" to enter audio control menu. Slide sound icon to balance the sound of FL/FR/RL/RR speakers.
Press "EQ" to enter EQ setup menu. Adjust EQ by sliding scroll ball.

5. Calibration
Press "ffi" to enter calibration menu. Finish calibration by following up the touch point on the screen.

6. Language
Press "ffi" to enter language setup menu. Our system supports Chinese/ English/Russian/Spanish/Portuguese/Arabic/Persian.

7. Dial-up Connect
Press "ffi" to enter internet connection setup menu. Press "profile" to select network types. Press "connect" after finishing setting. If there is showed as "connected" in APN column means it's successfully connected.
8. Date&Time Setup

Press "
" to enter date&time setup menu. Press "ON" to open 24-hour time.

Press "OFF" for GPS time. Press "Date&time" to adjust date and time by sliding on the calendar.

9. Car Logo

Press "
" to enter car logo setup menu. Setup any car logo as opening logo or background by choosing any car logo in the album.

10. Reserve Setup

Press "
" to enter reserve setup menu. Press "ON/OFF" to open or close backview system. Press "warning tone" to open or close the sound.

While open the backview system, press "backstage entertainment volume" to close/reduce the volume or keep the normal volume.

Press "Backview mode" to choose reserve camera or parking sensor.
11. Radio Setup

Press " " to enter radio setup menu.

Press "Radio system" to select correct radio system.

Press "Auto search mode" to choose the mode.

Press "W " to choose menu language and subtitle language.

Press "W", the factory default menu will pop out, press "YES" to proceed, Press "NO" to cancel the operation.

Press "W " to check the version information.

12. DVD Setup

Press " " to choose menu language and subtitle language.

13. Factory Default

14. Version
**Calculator/Games >**

**Calculator**

Press " " to enter calculator menu.

Press " " to get back to previous menu.

Press " " to get back to home menu.

**Games**

Press " " to enter game menu.

Our system currently supports four games, press " " to enter other three games.

Click "close or exit" in the game menu to exit.

Or push "MENU" button on the panel, then press " " to get back to home menu.

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**Wire Diagram**

Made in China

Please connect wires as illustrated in the figure to avoid damaging machine by improper wire connection.
Trouble Shooting

To maintain a valid warranty, do not repair this device by yourself.

Please make sure this device is placed beside you.
Know the model and serial number in advance.
Failure of powering it on
- In case of car engine not being started, start it please.
- Wires are connected improperly.
- Fuse is burnt, so replace the fuse (please refer to Page 24 for replacing fuse)
No sounds
- Volume is too low, so adjust the volume.
- Connection of speakers is improper.
No response to remote control.
- Make sure no block between remote control and this unit.
- Draw near and align remote control to this device.
- Switch F/R to proper position (F means front control; R means reverse control).
- Functions fail; please refer to related instructions.
- Replace battery for remote control.
Failure of playing disk
- Make the front side of disk facing downwards and make sure its printing side facing upwards.
- Because of dirty disk, wipe it with downless soft cloth from center out.
- Disk has problems; try another disk.
- Disk level exceeds limit setting. Change the level setting to a lower level.
- Area code for disk does not conform to this device, so please use the disk with right area code.
No image
- Parking brake cable is not properly connected, so check it.
- Image flickering or distortion
- DVD settings do not match DVD, so adjust the settings of DVD.
- Video cables are not properly connected, so check the connection.
Broadcast interfered with noise
- Signal is too weak, so select other radio stations with much stronger signal.

Check car antenna connection.
- Change broadcast channel or stereo to mono.
Preset channel loss
- Battery cable is not properly connected, so connect the battery cable to the terminal where power supply is always available.
Fuse having being burnt
- Fuse type is not suitable. Replace it with a 15A fuse.
- Speaker cables or power cords have been connected to ground. Check the wire connection.

Bluetooth Devices
In spite of successful Bluetooth connection, the system still cannot play music.
- The device can not play music when used together with system.
Sound quality to be poor after connecting to device supporting Bluetooth
- For poor quality of receiving Bluetooth signal, move the device near to this system or remove the block between device and system.
Failure of connecting to this system
- The device does not support the specifications required by system.
- Bluetooth on the device is not enabled. Please refer to user manual of your device for how to enable Bluetooth.
- The system is not in pairing mode.
- System has been connected to another Bluetooth device. Disconnect this device or all other connected devices and then try it again.
Bluetooth connection of the paired mobile phone is unstable.
- For poor quality of receiving Bluetooth signal, move the device near to this system or remove the block between mobile phone and system.
- When you make or end a call, Bluetooth connection for some mobile phones may be unstable, not indicating any faults occurring on the system.
- As an energy-saving function, Bluetooth connection of some mobile phones may be forbidden, not indicating any faults occurring on the system.