Car A/V & Navigation System

USER MANUAL

Please read the manual in detail before operating this product and put it in a safe place for using in the future.

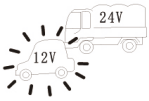
Don’t notice if there are some modifies about the manual.

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Security precaution

Please read all of the following instructions carefully before installation, and it are recommended that this device shall be installed by special auto audio dealer.



This device is applicable to vehicle 12V power system (with ground wire). Do not directly install this device to 24V truck or bus. Otherwise, this device will be damaged.



Please use genuine discs, do not use non-standard discs and discs with inferior quality. Otherwise, it may cause device failure or affect service life.



Without guidance of technicians, it is not allowed to replace fuse of power supply. Usage of improper fuse will damage device or cause fire alarm.



To avoid violating traffic regulations, the driver is not allowed to watch program and operate this device in driving to avoid occurrence of unnecessary traffic accident (except that the passenger watch with the rear display).



For safety purpose and ensure normal usage, please let the technicians from dealers of this project to install. It is not allowed to dismantle or repair this device by yourself to avoid damage of this device and accident. For further information, please consult local auto audio dealers.



It shall not place this product in humid environment and water to avoid electric shock, unnecessary loss and fire alarm caused by short-circuit.



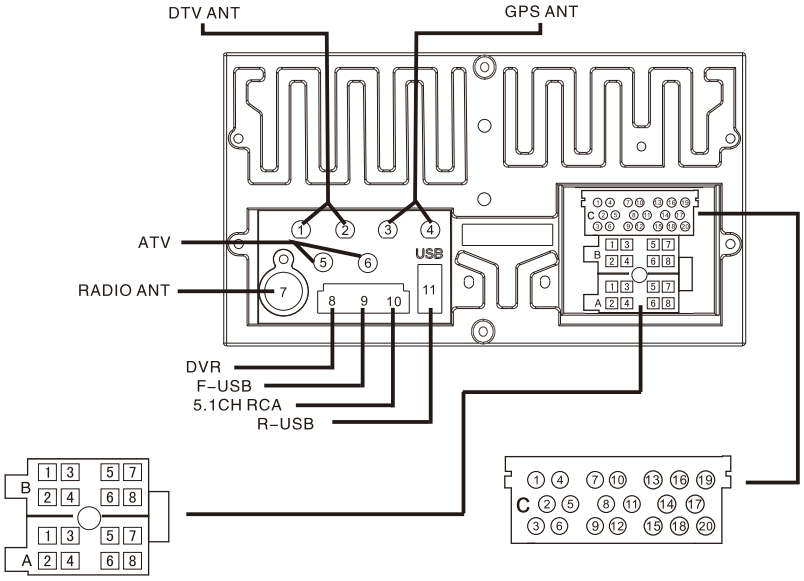
Mechanical drive components of display of this device are fully-automatic precision transmission components. Do not push, pull and rotate this device and impact TFT display with great force to avoid product damage.

Precaution: To prevent short-circuit, please remember to shutdown the auto and disconnect ACC from B+ before installation.

Connection diagram

Connection diagram

This connection diagram just for reference, according to the different models willbe adjusted .Please refer to the connection diagram on the chassis， Or the actual wire shall prevail.



A1	Pink	CAN_RX
A2	Orange / White	CAN_TX
A3	Green	ILL+
A4	Red	ACC
A5	Blue	AUTO_ANT
A6		
A7	Yellow	B+
A8	Black	GND
B1	Purple	RR+
B2	Purple / Black	RR–
B3	Grey	FR+
B4	Grey /Black	FR–
B5	White	FL+
B6	White / Black	FL–
B7	Green	RL+
B8	Green / Black	RL–

C1	REAR_VIDEO1 OUT
C2	VIDEO GND
C3	REAR_VIDEO2 OUT
C4	CAMERA IN
C5	REVERSE
C6	AMPLIFIER
C7	AUX_AUDIO_R IN
C8	AUDIO GND
C9	WHEEL_KEY1
C10	AUX_AUDIO_L IN
C11	WHEEL_KEY2
C12	GND
C13	VIDEO GND
C14	USB_DP
C15	AUX_VIDEO IN
C16	USB_DN
C17	USB GND
C18	USB 5V
C19	BRAKE
C20	REMOTE OUT

Basic operation

1.Start/Turn off

start

If the last is pulled out the car keys to shutdown , Re insert the vehicle key, the host will automatically enter to the starting state .

If the last press the panel power button to shutdown, Lightly press the power button will once again be able to boot.

shut down

Pull off key, system identification to turn off the electricity, automatic shutdown.

Can find and press the power button >2S , the system will automatically shutdown (according to the actual type)

Remarks: If the host no disc, will automatically enter to the radio mode after start .

2.Enter the main menu

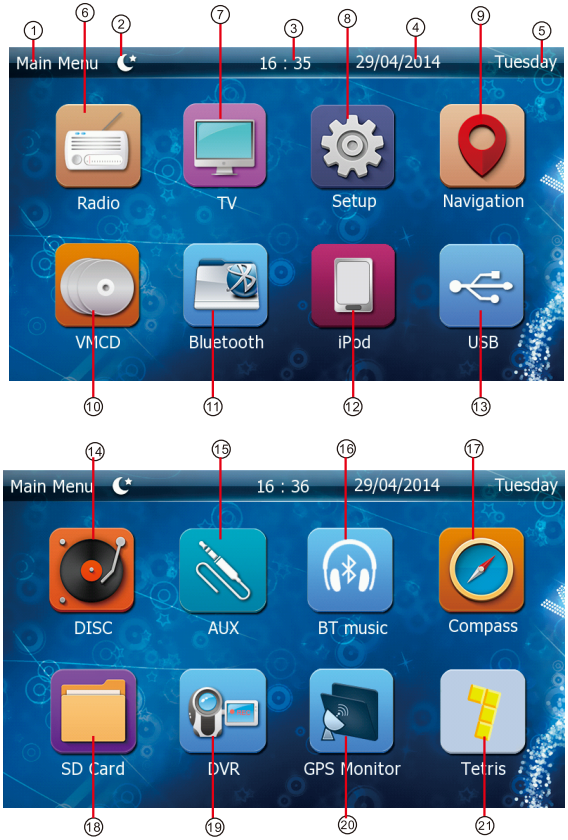
- After startup,and enter to the reception status , touch the right of the bottom icon ' ' the icon will return to the main menu .

3.Main function features

※ TFT high–definition LCD display
※ Cool, dynamic 3 D animation touch interface
※ Built–in FM AM stereo radio function
※ DVD,CE,MP3, MP4, MP5 and so on Audio and video playback .
※ Built–in bluetooth hands–free phone, phone book, music playing and so on functions
※ USB, SD audio and video playback
※ Apple products playback (optional)
※ Original car steering wheel control
※ Digital 3 D navigation
※ Original car CANBUS information display (According to the different car models)
※ Built–in digital TV/analog TV (optional)
※ Built–in digital TV/analog TV (optional)
※ DVR vehicle traveling data recorder (optional)
※ 3 G function (optional)
※ Virtual disc

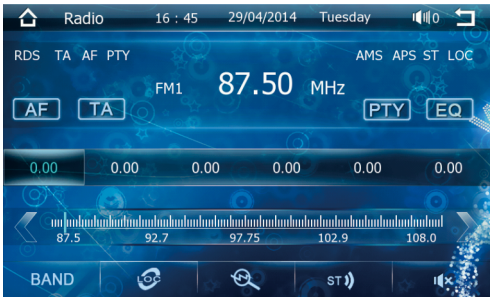
4.Main interface profile

The following ICONS are for reference only, according to the different series will make adjustment



1.Main menu
2. Night mode
3. Time
4. Date
5. Week
6. Radio
7. TV
8. Setup
9. NAVI
10.Virtual disc
11. Bluetooth
12. IPod
13. USB
14. Disc
15. External input
16. Bluetooth music
17. Compass
18. SD
19. DVR
20. GPS monitor
21. Game

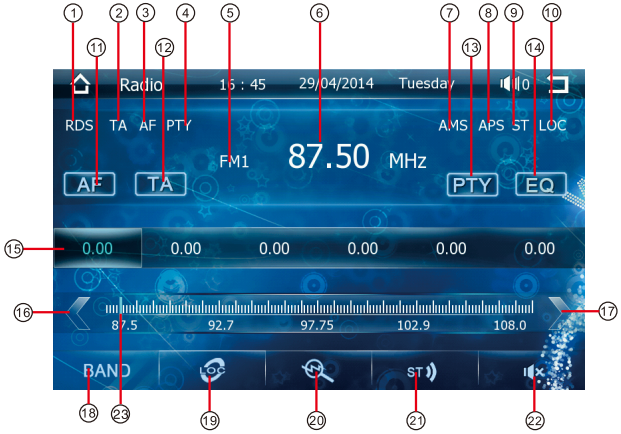
1.Enter/exit



- Enter main menu ,touch ' ' enter radio interface.
- Touch the right of the bottom icon ' ' to return main menu.

2.Basic function

- FM band can be saved 30 channels (FM1/FM2/FM3 each 10 channels), and AM band can be saved 20 channels (AM1/AM2 each 10 channels).



1. RDS Indicator light
2. TA Indicator light
3. AF Indicator light
4. PTY Indicator light
5. Area indicator light
6. Frequency display
7. AMS Indicator light
8. APS Indicator light
9. ST Indicator light
10. LOC Indicator light
11. AF
12. TA
13. PTY
14. EQ sound setup
15. Prestore radio information
16. To the low frequency fine tuning
17. To the high frequency fine tuning
18. Band button
19. Far and near button
20. Scan
21. ST
22. Mute
23. Sliding to choice frequency

- Touch " ⑳ scan" key to scan to storage station

3.Manual searching

- Touch “ ⑰ ” key can enter to the semi–automatic high frequency channel, after receiving the station, will stop to search, long press frequency list, can store and play station.

- Touch “ ⑯ ” key can enter to the semi–automatic low frequency channel, after receiving the station, will stop to search, long press frequency list, can store and play station.

4.Band selection

- Click" ⑱ BAND" key can be in FM1, FM2, FM3, AM, AM2, switching between bands.

5.Choose radio broadcast

- click “ ⑮ ” key to store radio station

Video playback

1.Disc

Support CD,DVD,CD–R,CD–RW,CD+R,CD+RW,DVD–R,DVD–RW,DVD+R, DVD+RWA and so on variety of formats disc (Limit the diameter is 12 cm).

2.Video format

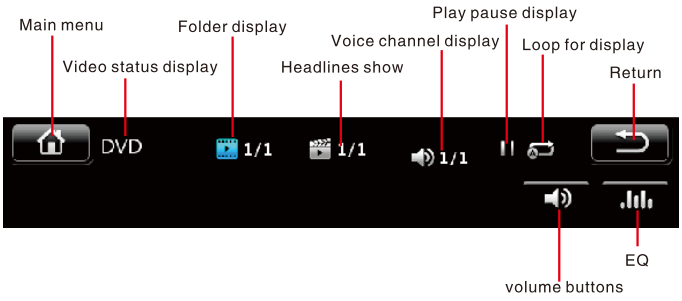
- Support MPEG ,MP4,AVI,ASF,DAT,VOB,OGM,DIVX etc Conventional video format.
- Support RM,RMVB,(MP5) video format, C1 series largest support 720 p, C2 biggest Support MKV , 1080 P.
- Support JPG BMP etc Picture format.

3.Enter/exit

- Insert the DVD, Or video format SD/USB auto into the video play back interface.
- If there has been a DVD, after entering the main menu, touch the DVD icon " " "in to video play back interface.
- If there has been a SD/USB , Please refer to the next pages of "CD audio playback" operation process.
- DVD pop–up press ' ⏏ 'key.
- Video playback interface to exit the click on the " " button.

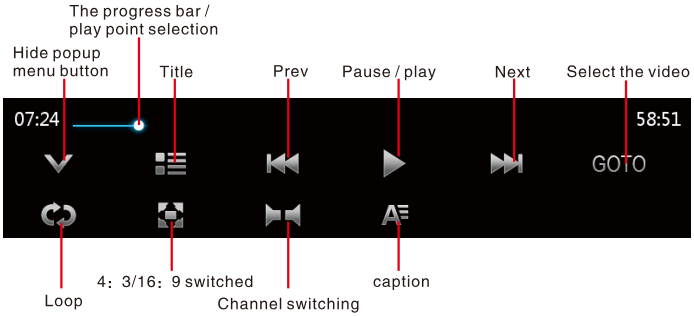
4.Display Field

This picture is for reference only ,actual shall prevail.



5.Action Bar

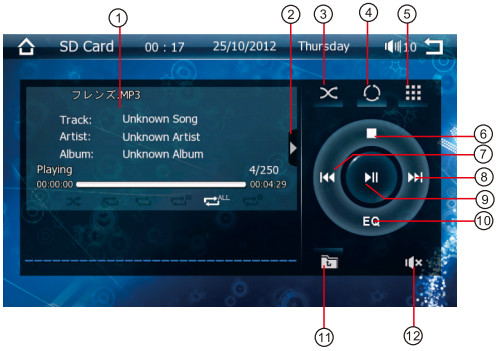
This picture is for reference only， actual shall prevail.



1.Audio playback range of application

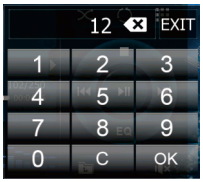
- Support, AAC, MP3, ARM, WMA etc audio formats.
- CD, MP3, WMA format disk, USB, SD device.

2.playback interface

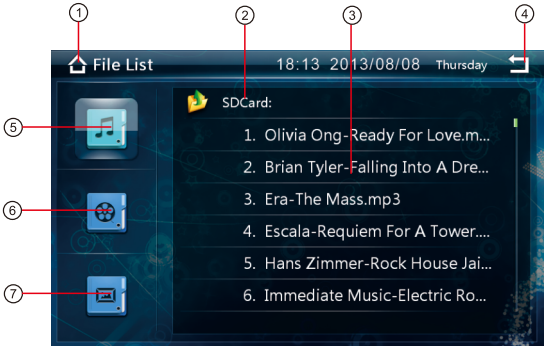


1. Current information
2. Song list
3. Random broadcast
4. Repeat play
5. Songs to choose
   (C2 not have this function)
6. STOP (C2 not have this function)
7. PREV/ fast reverse
8. Next song/ Fast forward
9. Stop/play back
10. EQ ound setup
11. Folder
12. Mute

- Click on the ' ② ' Will pop up the songs on the current directory.
- Click on the ' ⑤ ' Will pop up the track code box, select the tracks.as the following figure.



3.File list



1. Main menu
2. Back to the Previous Level
3. File list
4. Return
5. Audio category
6. Video category
7. Image category

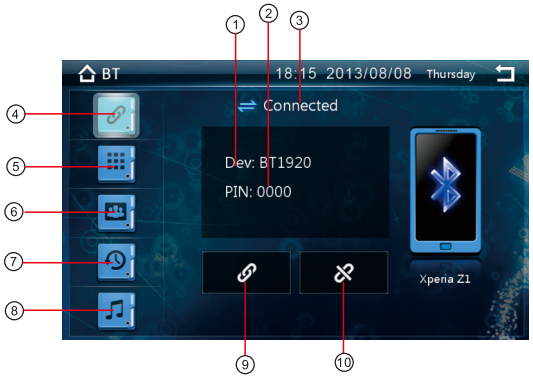
Bluetooth operation

- The unit is built in Bluetooth hand-free feature. If your phone has bluetooth function, it can be connected with the unit so that you can use the unit to dial, answer, phone book, bluetooth music etc.

Remark:
Because of different brands mobile phone with Bluetooth modules and software, When use the unit actually, some features couldn't be used or they aren't compatible at all. Please understand!

1.Bluetooth pairing

- C2 series bluetooth pairing, as following figure:
- when Cell phones and host to the bluetooth pairing，Mobile search to host a bluetooth device name is "BT1920"
- Pairing code "0000".



1. Bluetooth name
2. Connection password
3. Connect interface
4. Dial–up interface
5. The address book interface
6. The call log interface
7. Call recording interface
8. Bluetooth music
9. Connection
10. Disconnect

Bluetooth

- C1series bluetooth pairing, as following figure:
- when Cell phones and host to the bluetooth pairing，Mobile search to host a bluetooth device name is "CAR–CS–XXXX”
- Pairing code "0000" (Can setup by yourself)



1. Bluetooth name
2. Connect password
3. Set the connection password
4. Connection status
5. Dial–up interface
6. The call log interface
7. The address book interface
8. Bluetooth setup
9. Connection
10. Disconnect
11. Matching
12. Password keyboard
13. Automatic answer switch

2. Dial

- Can dialing via phone，or through number keys on the screen to enter the phone number.

3. Answering and hang up

- When someone calling ,In any mode, system will automatically pop up bluetooth interface, to implement a hands–free function,Can be directly " ", "or" " answer .

4.Bluetooth music play

- After the success paired with the phone of the host, open the stereo connection of phone, and play music on the phone, then the sound will output by car audio speaker systems.
- Remark:
  Support the phone with "stereo" or "remote control" only, that can be used to play music by Bluetooth mode.
- Bluetooth music interface can play music from phone only.
- Play mode should be selected as Bluetooth.



1.PRET/Fast reverse
2.Next/FF
3.Stop/play
4.Stop

Navi

- Using the native navigation for the first time,Please insert the map card to the GPS card slot, or after the map card upgrading, follow these steps.
- The native navigation map navigation system support the market mainstream , If not supported by the case, please contact the map company .
- Baud rate of the machine and the serial port is not fixed,If necessary, please contact the local dealer.

⚠ After the map card into the machine,Please don't literally pull out or insert!

Navigation path

- Insert a map card.
- Click"  "icon on the setup interface ,enter to the setting interface.

- click '  'icon on the setup interface ,enter the Navigation Settings interface,

C2 series click "  " icon to enter Navigation Settings, then the navigation path.

- Choose the correct navigation map to operation file.

2.map navigation

- Click "  "or "  " Back to the main interface.
- Click the "  "icon on the interface enter the navigation.
- Use the navigation map in accordance with the instructions provided by the company

Setup

- This function is only for reference，according different series will have adjustment.
- Only introduced the common funtion.

1.Language settings

- Click"  "icon on the setup interface ,enter to the setting interface.
- click '  'icon on the set interface ,enter the Language settings interface.
- The user can select the required language types.

2.Boot screen Settings

- Click"  "icon on the setup interface ,enter to the setting interface.
- Click on the "  " icon in the setup interface into the boot screen Settings interface.
- Enter the password "8888" or "1234" select the boot screen.
- After Select boot screen, click "Update" or "OK" to confirm.

3.Steering wheel control setup

- External steering wheel setting: The device's external steering wheel belongs to learning type and can identify all kinds of direction keys automatically. Set the steering wheel control function.
- At first, connect the steering wheel control lines of the host with the corresponding lines of the car. There are 3 lines at the back of the host, steering wheel control key 1+, steering wheel control key 2+, and steering wheel control GND. in addition, steering wheel control key 2+ is unwanted for some cars.
- Touch setup icon "  "to enter setup interface.
- Touch wheel icon "  " to enter steering wheel control interface.



C1



C2

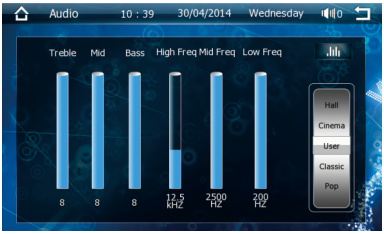
- Third, press the button on the steering wheel when touching the icon in the interface, then the screen displays “Please choose a button to pai”. 1-3s later, it will displays “succeed to pai”
- Complete all paired, C1 Series Click Save to use steering wheel control function. C2 series automatic to save.
- If the matching function operation mistakes, can click the " Clear " button to clear all pairing.
- C1 series appeared not paired please choose "HI–Z" or "LOW–Z" pairing make the mode selection. C2 series automatic recognition， not need to selection.

4.EQ sound

- Click "  "enter setup interface.
- Click setup interface"  "enter EQ setup interface .C1 series as shown below(c1a)

C1 series as shown below(c2a).

- C1 series click "  "enter the loudness and sound control interface, as shown in the diagram (C1b).



C1a



C1b

- C2 series click"  "enter the loudness and sound control interface, as shown in the diagram (C1b)



C2a



C2b

5.Time and date

- Click "  "enter setup interface.
- Click"  "icon on the set interface ,enter the time and date setup interface.
- Click the time frame on the time and date interface choose the user time zone .
- Click the time and date interface “Standard” swith can choose 12 hours or 24 hours.
- Click "GPS time" to make time synchronization with navigation time.

6.Touch correction

- C1 series touch correction.
- Click "  "enter setup interface
- Click "  "icon on the set interface ,enter the System information setup interface.
- Click "Touch Calibration "icon to touch of proofreading.
- C2 series touch correction
- Click"  "enter setup interface
- Click"  "icon on the set interface ,enter the General interface.
- Click " Touch Calibration "icon to touch of proofreading.

7.Restore factory settings

Important notes: to restore factory settings process do not cut off the power supply or shutdown, if cut off the power supply or shutdown will cause the machine completely damaged cannot run.

- C1 series restore factory settings.
- Click "  "enter setup interface.
- Click"  "icon on the set interface ,enter the System information setup interface.
- Click "restore factory settings" icon enter restore factory setup interface .
- C2 series restore factory settings.
- Click "  "enter setup interface.
- Click "  " icon on the set interface ,enter the General setup interface.
- Click "restore factory settings" icon enter restore factory setup interface .

Trouble shooting

PROBLEM	CAUSE	SOLUTION
Can not power on	1. Check out whether cable connection is normal or not; 2. Whether Car key is inserted and open; 3. Check whether power fuse melt or not; 4. Some factor cause MPU wrong operation	1. Make cable connection is normal; 2. Make Car key is inserted and open; 3. Change fuse same as the old one,and replace the fuse of adequate capacity, if necessary 4. Press RESTET button on the panel by pen point, then power on
After ignition switch off, all information of setting are lose	Wrong connection between ignition line ACC and power line anode pole BATT	Reconnect line
Remote control doesn't work	The battery of remote control is Insufficient power supply	Change battery about remote control
Poor Radio signal	1. Whether antenna length is appropriate, or not insert radio antenna hole; 2. Check whether the antenna is extended fully or broken, if broken, please replace a new antenna; 3. The local broadcast signal is too weak.	1. Change a lengther antenna, make sure the antenna insert the hole; 2. Make the antenna is extended fully or change a new one; 3. replace a wide square.
Can not load disc	There is a disc in deck	Check grounding is connected or not
Can not play disc	1. Check whether the signal of playing disc is correct or not 2. Put wrong side of disc into unit 3. Disc is dirty or scratched pls use a soft cloth to wipe the disc or replace a nice one	1. Give the right signal of playing disc; 2. Put the right disc side into unit; 3. pls use a soft cloth to wipe the disc or replace a nice one
Can not switch language/subtitle	1. There is only one language/subtitle in disc 2.Whether Subtitle feature is turned on	1. If disk is not with multi-language/subtitle, it cannot switch language/subtitle; 2. Turn on subtitle feature;
No image/No multicolor	1. Video line between device and TV is not connected properly; 2. Whether the video settings are correct or not; 3. Whether brightness and chromatic aberration are on the appropriate location; 4. Check whether the VCD / DVD disc has no image output	1. Reconnect lines; 2. Make the video settings are correct; 3. Make brightness and chromatic aberration are on the appropriate location; 4. change VCD/DVD
Images are stopped sometimely or occur Massive blocks of color	Whether the quality of disc is good or not.	Quality of the disc is poor, please change a good one.
No sound playback	1. Whether output cables are connected rightly or not;	1. Reconnect output cable; 2 . Turn mute to off.
Can not change the channel	Whether the disc supports multiple audio settings, because some discs do not support.	Change another disc which supports multiple audio settings.
Display messy code System halted Buttons have no effect		Touch the Restore icon in system settings menu
GPS-free positioning	1. Whether the GPS plugs are plugged or n ot; 2. Whether the GPS antenna is damaged or not; 3. If it is not random distribution map, Pls see whether parameters are correct or not; 4. Car explosion-proof membrane or other objects of the shield is caused; 5. Poor weather conditions.	1. Fasten the GPS plugs; 2. Change the GPS antenna; 3. Make sure the parameters are correct; 4. Turn off car explosion-proof membrane and other objects of the shield; 5. Try again when it is a good day!
Cannot find the map card or no map software.	1. GPS card slot without map card. 2. If GPS card slot map card is inserted into the intact. 3. Map card software loss. 4. Navigation path set is not correctly	1. Insert navigation map card. 2. Re plug map card. 3. Re equipped with map card. 4. Please re setting the navigation path.