

# Owner's Manual

## Car navigation

V5-4

## Instructions for use

Thank you for purchasing this product, please read this manual carefully before use to ensure that you can use the machine correctly. After reading the instructions, please keep it for future inspection.

### Caveat

To prevent damage to the machine and to use the system safely, please

- To prevent short circuits, do not omit metal objects (coins or other metal) inside the machine.
- Do not install the unit in a way that hinders the driver's sight or affects the driver's operation. When you drive, please do not pay attention. In the system, do not watch the screen for a long time.
- The machine consists of high-precision components, should avoid a strong impact, not to unauthorized removal of the cover or adjust the parts, for maintenance, please go to a nearby professional service center consultation.

### Before use

- When you purchase optional accessories or make related system settings, please check with the dealer whether they match the machine.
- You can select your favorite language display in the language setup menu. For more information, see Language Settings (page 4 of the manual)

### Protect the display

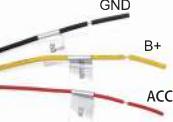
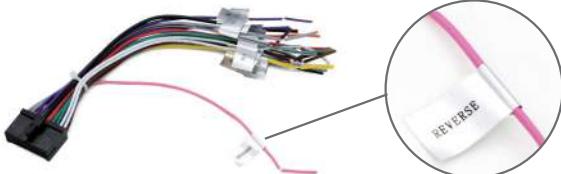
- Protect the display from damage, do not use a ballpoint pen or sharp tool to touch the display.
- When the machine panel or display screen is dirty, wipe with a soft cloth and a mild
- You can not use hard cloth or alcohol and other corrosive thinner wipe the display or panel, so as to avoid the display or panel damage, blurred, the screen disappeared and so on.
- Please follow the instructions to use this machine, the damage caused by illegal operation is not covered by the warranty.

### note

The machine display screen you see may be inconsistent with the picture of the manual, which is due to the unannounced software upgrade and update, does not affect the normal use.

Some function (DVD, color LED, TV, etc.) is optional. The device which you purchase may not include all the functions that this manual listed.

## Troubleshooting

malfunction	solution
Cannot power up 	Check the connection of AAC, B+, Ground. 1. Connect AAC with ignition line. 2. Connect B+ to the positive pole of the battery. 3. Connect Ground to Ground.
No image when reversing	Connect the car DVD's reversing line with the car's reversing line, to ensure the reverse camera workable. 
Navigation does not work	<ol style="list-style-type: none"><li>1. If map goes wrong, uninstall then re-install the map.</li><li>2. If map data destroyed, uninstall then re-install the map.</li><li>3. If GPS cannot search any signal, please check if the GPS antenna is well connected. If well connected, make sure the antenna is exposed to the air. If still not working, please replace a new antenna.</li></ol>
The key light does not light	<ol style="list-style-type: none"><li>1. Check the headlight line connection.</li><li>2. Enable the button light on Setup.</li></ol>

# Basic operation

## Definition of the keys

Serial number	name	Functional description
1	⊕	When device is working, press and hold about 1 second to power of the system; Short press to mute.
2	MAP	Map card slot
3	⌂ MENU	Press to turn to home page
4	RETURN	Return to the previous interface
5	▼ NAVI	Display navigation interface
6	RADIO	Display the radio interface
7	VOL+ VOL-	◀+ Volume up ◀- Volume down
8	USB	USB slot
9	▲	Disc insert/eject
10	SD	SD slot
11	Reset (RST / RES)	When the machine is not working properly, press this button and the machine will return to the factory settings.
12	📞 Phone	Display the Bluetooth phone screen
13	DVD	Display the DVD interface
14	Video	Play videos from an SD card or USB device
15	Music	Play music from an SD card or USB device
16	Seek ◀ ▶	• Search the previous chapter or the next chapter • Search for the last channel or the next channel
17	Mute	Turn off the sound, button for muting
18	Disc insert slot	Insert the disc into the slot

Note: This table summarizes the definition of most of the panel buttons, but not every model contains all the keys, someThe model contains only a small number of keys, which does not affect the use, if you have questions, please consult the dealer.

## Open the system

Press the power button ⊕ 1 second, activate the system.

## Turn off the system

When the system is on, press and hold the power button ⊕ for 1 second to turn off the system.

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## Operating instruction for main interface

### Main interface

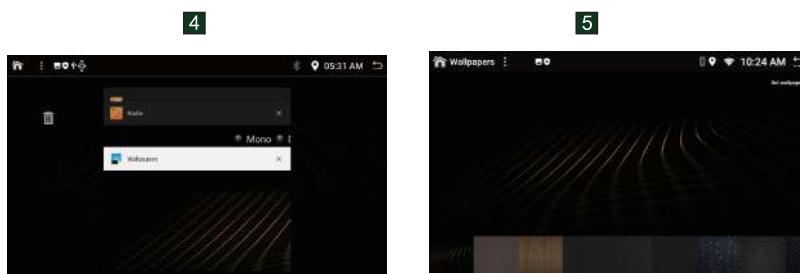
1. Press the button  , The interface will return to the default main interface.
2. Slide to left or right interface as you want.



3. Press the button  , car interface will come out. Press the button  , it will display the interface of system applications and third-party applications.



4. long press  , Go to the small window interface, Can clear background running programs. Press the button  , can replace the main interface wallpaper.



number	interface	number	interface
1	Initial media main interface	4	Background running program
2	Initial Media Main Interface	5	Replace the wallpaper interface
3	System applications and third-party application interface		

### Move or Remove the icons

1. Change the icon position: press and hold the icon, it will pop-up and become larger. This time the icon is movable and you can place it wherever you want.
2. View APP information: press and hold the activated icon, drag the icon to 
3. Delete icon: press and hold the activated icon, drag the icon 



### Add shortcuts for initial master interfaces 1 and 2

1. Press  .
2. Press and hold the icon to wait for the pop-up panel of the main interface 1 and 2 to pop up.
3. Drag the icon to an empty position, and if you drag to other icons, it will form a folder.

# Radio Operation

## Radio Basic Operation



1. Select the FM1, FM2, FM3, AM1 or AM2 band
2. Frequency display

switches to previous frequency manually.

switches to next frequency manually.

3. Displays the preset channel list, hold the key (P1-P6) to store the current broadcast frequency.

4. Multi function menu

Tunes in a station with good reception automatically.

Short touch for non stop seek tuning, touch again to cancel.

Long touch for switching the preset channels, long touch again to cancel.

Change between Locate and DX mode.

Switch frequency band.

Touch <RDS> to active the RDS function.

EQ and FAB setting , pls see the EQ and FAB setting below.

5. Mono and DX

Displays LOC or DX .

Displays Mono or Stereo, decided by the radio IC.

## RDS

TP	Shows the traffic station is on or not
AF	Touch AF to light up, RDS can switch to stronger signal frequency when the current frequency is weak, but keep the contents same, only frequency different.
TA	Touch TA to light up, it can source the traffic info every minute, and stops to broadcast the traffic info once news come in.
PTY	Touch PTY to search by type.

## Stores Channel

1. Press the P1 key and hold to store the current channel to P1 key.
2. Press the P2 key and hold, then store the current channel to P2 key. If P3, then to P3key etc.

# Bluetooth Control

## Connecting

Registering your Bluetooth device

1. Active the Bluetooth on your phone
2. Touch search to search the Bluetooth waiting for pairing
3. Touch the Bluetooth Device name ( jj or ther ) for connecting
4. Type the pin code (default code is 0000 or 1234 ) on your phone

Connecting a registered Bluetooth manually

1. Active the Bluetooth on your phone
2. Touch the to see the registered Bluetooth device list
3. Kick the box of the Bluetooth device name to connect
4. Type the pin code (default code is 0000 or 1234 ) on your phone

Delete a registered device

1. Touch the to see the registered Bluetooth device list
2. Cross the box of the device name
3. Touch the cross, and it tips "Do you want to unpair the Device?"
4. Touch OK, the device deleted

## Hands-Free Call



1		Phone call record
2		Phone book
3		Dial Panel
4		Device list
5		Bluetooth settings

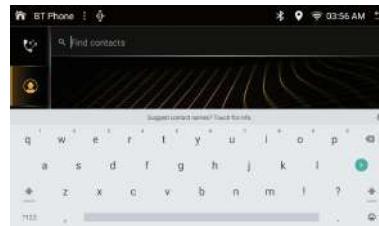
## 1) Phone call

Touch the , type the phone number, and click , phone call success as screen below, Cancel the phone call by touch the , and touch the to switch to speaker.



## 2) Phone book

Touch the  to enter the Bluetooth phone book interface, and follow the to download the phone book.



## 3) Phone call record



	Dialed call
	Missed call
	Received call

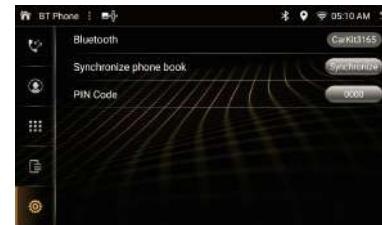
## 4) Device connection



1.  Bluetooth phone
2.  Bluetooth Music

## 5) Bluetooth Setup

1. Touch the Bluetooth to change the Name
2. Sync phonebook



## Playing Bluetooth Audio Device

Click  into BT music and play music of the device connected by BT

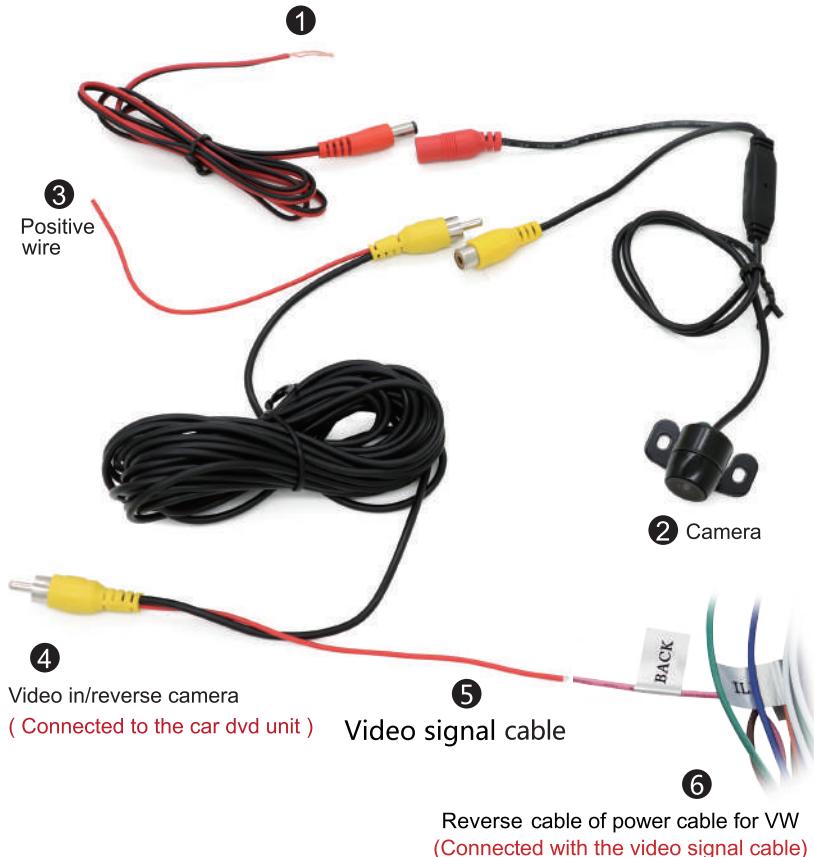


	The last tune
	The next tune
	Play/Stop

# Rear Camera

**Note:** The Reverse cable (pink color) of the power cable must be connected to the car's parking or reversing wire, then parking or reversing, the parking screen will automatically display.

Red connect with positive wire(B+) of the car back light,  
black connect with the negtive wire(-) of the car back light.



**Note:** For Car Navigation for Volkswagen (VW) with CANBUS, the video signal cable (5 red color) must be connected to the Reverse cable of the power cables. for other models no need to connect video signal cable to reverse cable.

# Multimedia

## Video Player



## Music Player



	Function		Function
	Back to the folder		The last tune
	Pause		The next tune
	Cycle mode		EQ

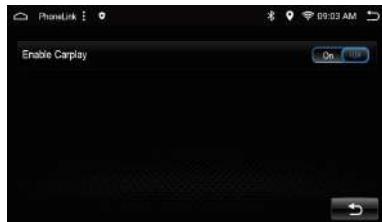
**Note:** the Music Player and the Video player works when the USB or the SD card is connected. And there are music or video in the USB or SD card.

## Phone Link(method 1)

1. Touch the  to enter the PhoneLink interface, Touch the  Instructions.



2. Turn on the Phonelink item on headunit. Confirm the Phone's WIFI is open.



3. Connect your phone to the headunit's BT, after done, it will show a window on the BT page, it said use the Carplay function or not, please click yes and wait for connect.



4. Turn off the headunit hot-spot, the wireless carplay will be disconnect.

**Note:** Note: After first connection, your phone need to enter the BT device connection page, Turn on and off the carplay item, then will finish connection.

### Wire carplay function

Connect the Iphone to the headunit by cable (OTG port), Click the "Use carplay" on your Iphone, then will enter the Carplay page.

### Wire Android Auto function

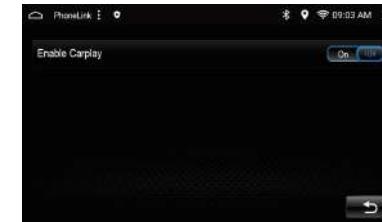
Connect the Android phone to the headunit by cable (OTG port), then will enter the Android Auto page.

## Phone Link(method 2)

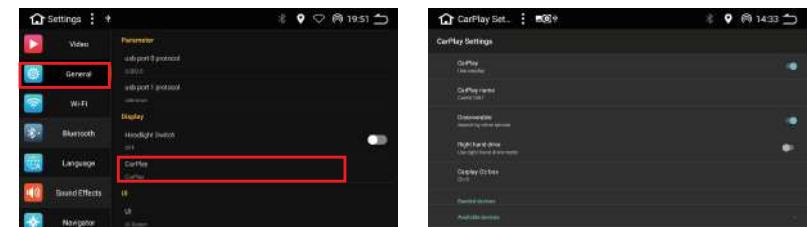
1. Touch the  to enter the PhoneLink interface, Touch the  Instructions.



2. Turn on the Phonelink item on headunit. Confirm the Phone's WIFI is open.



3. After the head unit connected with BT, on phone home page, click the Setting item → General → find the Carplay item and enter. In this page find the head unit's name and connect it. Then will show a window on phone, please click the use Carplay item and wait for it finish connect.



# DSP Setting

4. Turn off the headunit hot-spot ,the wireless carplay will be disconnect.

**Note:** Note:After first connection,your phone need to enter the BT device connection page , Turn on and off the carplay item ,then will finish connection.

- 1.EQ interface, you can choose sound effects, such as Flat, Pop, Rock, etc.
- 2.Curve interface,you can choose custom sound curve.



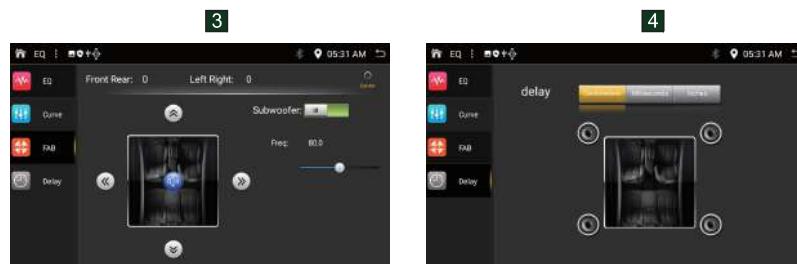
## Wire carplay function

Connect the Iphone to the headunit by cable (OTG port) ,Click the "Use carplay" on your Iphone ,then will enter the Carplay page.

## Wire Android Auto function

Connect the Android phone to the headunit by cable (OTG port) ,then will enter the Android Auto page.

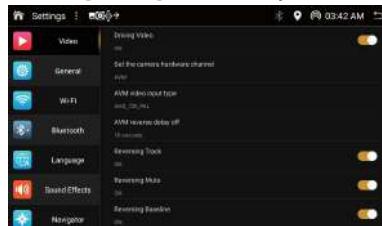
- 3.FAB interface,You can set the sound balance.
- 4.Delay interface, You can set the stereo and sound field delay.



# Set up

## Video

- Touch [ Video ], if necessary.



**Parking – In Parking “Off” mode, the screen will display**

Warning information if you play video. The warning screen will prevent the driver from watching videos while the vehicle is in motion.

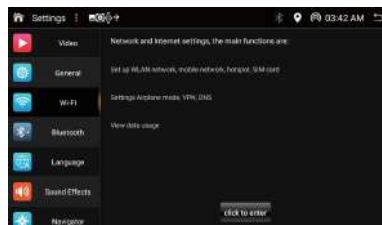
## General

- Select an option to access/setup.



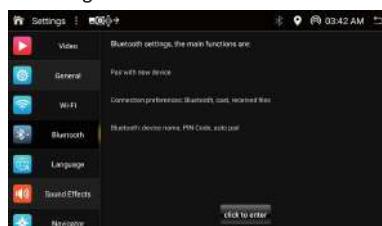
## Wi-Fi Setup

- Turn on the Wi-Fi and search the available networks.
- Select a hotspot to connect.



## Bluetooth settings

- Manage Bluetooth devices.



## Language Setup



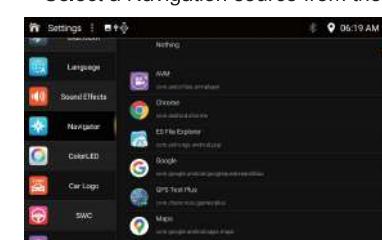
## SourceVolumeLevel

- Set the Volume Level of each Source.



## Navigator

- Select a Navigation source from the available list.



## ColorLED

- Set the color of Keys on the front display.



## Car Logo

Choose the LOGO you want ► **OK** .



## Steering Wheel Control Setup



Select [ **SWC** ] in the Settings menu to enter SWC setting menu.

- Select a function icon on the screen.
- Long press a steering wheel button.
- Repeat step 1 and 2 until all the settings are done.
- Touch [ **Save and Exit** ] after all buttons are set.
- To reset the programming, touch [ **Reset** ].

## Factory

- Access Factory configuration.

Default Password: 6666



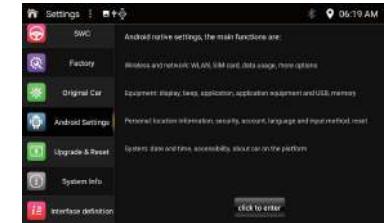
## Original Car

- View and manage CANBUS Settings. Default Password:0000



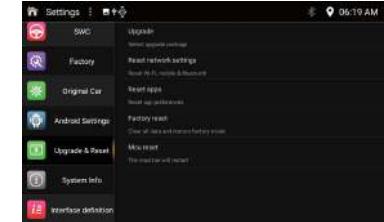
## Android Settings

- View and manage the Android Settings.



## Upgrade&Reset

- Upgrade the software & Reset the default settings.



## System Info

- View System Informations.



## UI switching

- Enter Settings, open General, and click UI.



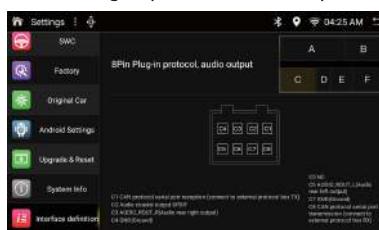
# Split screen

## Interface definition

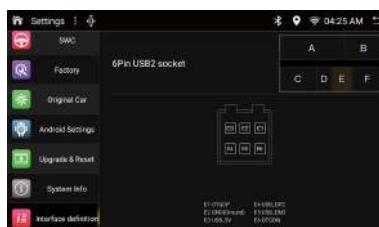
A:20Pin SIM card, audio and video socket



C:8Pin Plug-in protocol, audio output



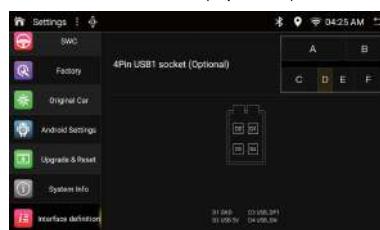
E:6Pin USB2 socket



B:12Pin 360 panoramic interface



D:4Pin USB1 socket(Optional)

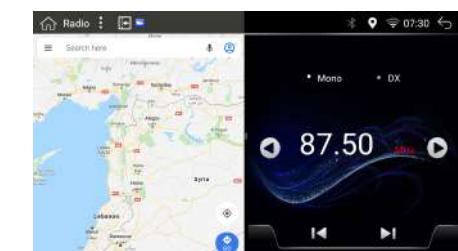
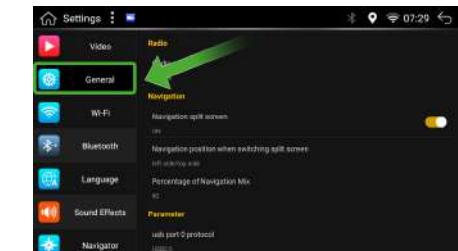
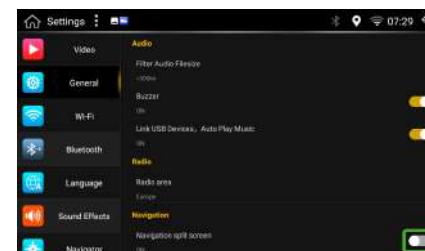


F:10Pin Reversing,handbrake,WIFI/BT antenna socket



1. Press the Setup icon >> select General >> select Navigation split screen  
Open the button

2. press the Navigation icon >> Press the Split screen icon



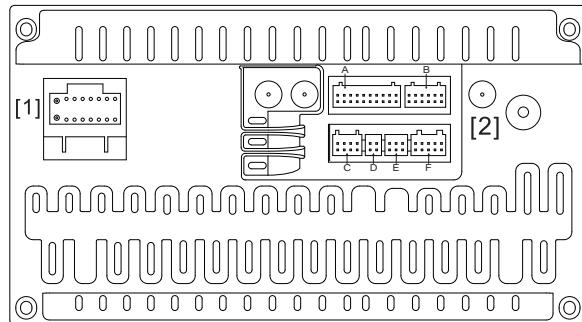
## Wiring Diagram

## Diagram of power cable and RCA Cable

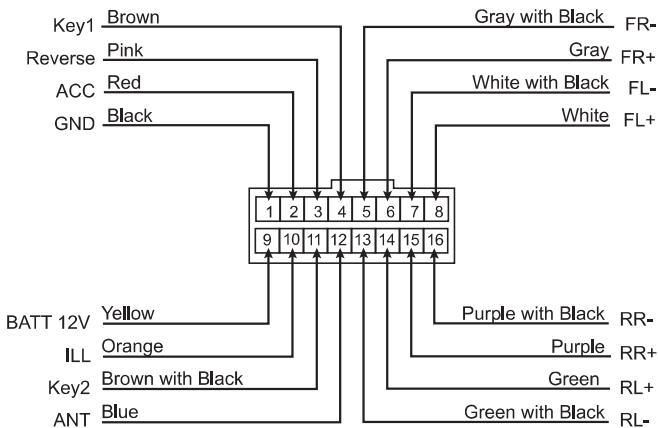
Note:only work within DC10.5V-16V power

FM 87.5~108.0MHz  
AM 522KHz~1620KHz

Speaker prohibit grounding!

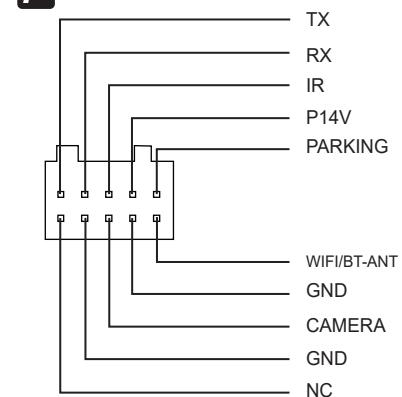
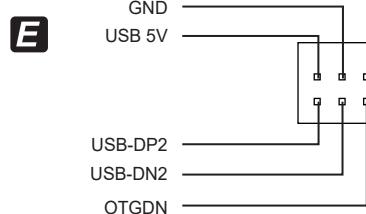
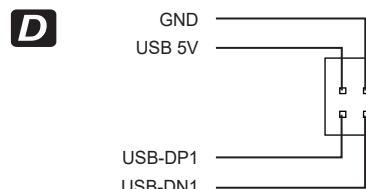
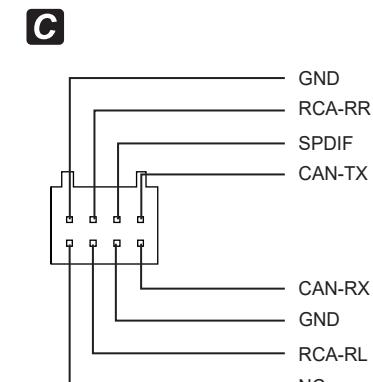
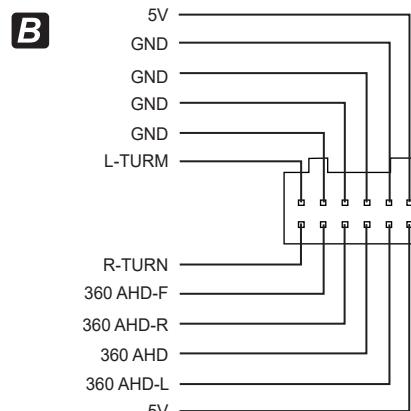
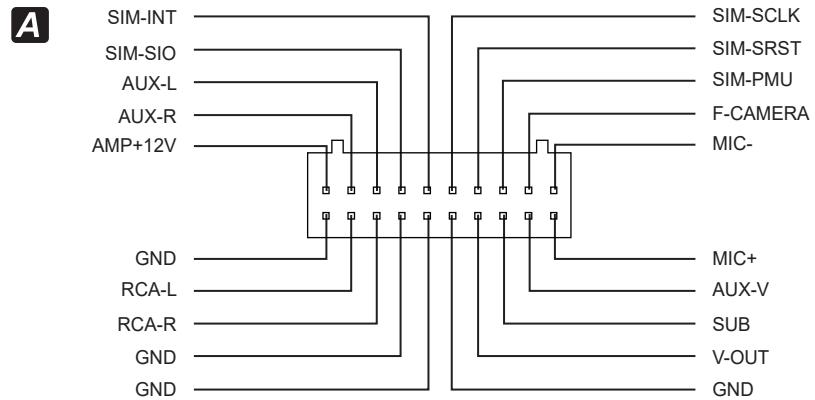


## [1] Power Cable Diagram



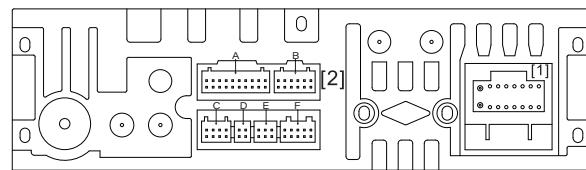
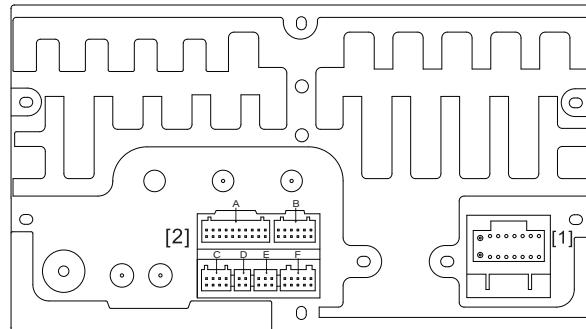
NO.	Name	Connection details	NO.	Name	Connection details
1	GND	For Ground Negative, must be connected	9	BATT 12V	For 12V Battery, must be connected
2	ACC	For Igniting Power, must be connected	10	ILL	ILLumination Cable
3	Reverse	For Reverse Camera	11	Key2	For Steering Wheel Control Key2
4	Key1	For Steering Wheel Control Key1	12	ANT-CONT	
5	FR-	For Front Right Speaker -	13	RL-	For Rear Left Speaker -
6	FR+	For Front Right Speaker +	14	RL+	For Rear Left Speaker +
7	FL-	For Front Left Speaker -	15	RR+	For Rear Right Speaker +
8	FL+	For Front Left Speaker +	16	RR-	For Rear Right Speaker -

## [2] RCA output socket

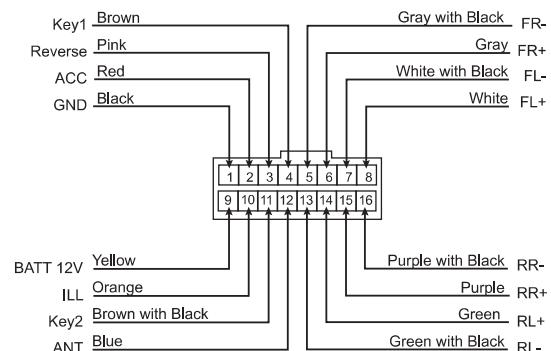


## Wiring Diagram

## Diagram of power cable and RCA Cable

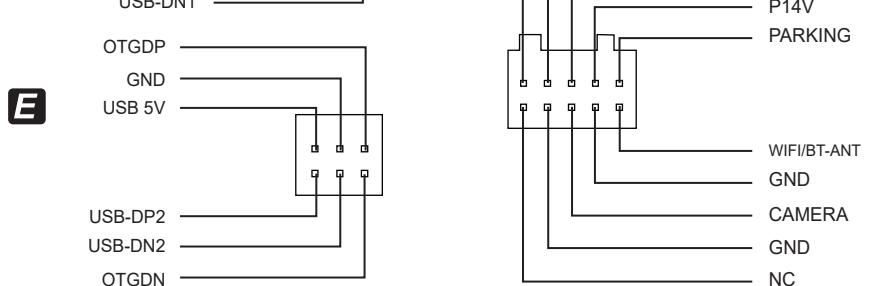
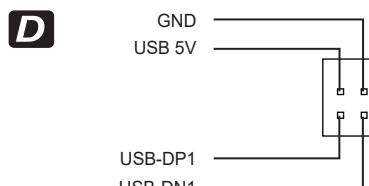
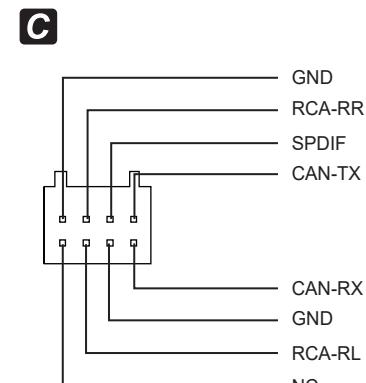
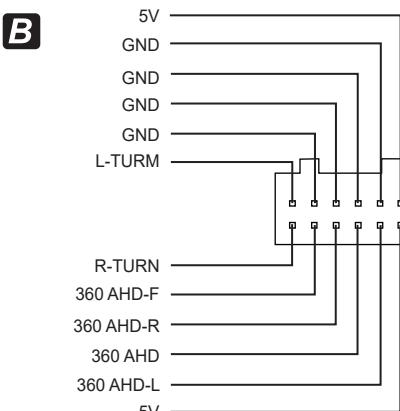
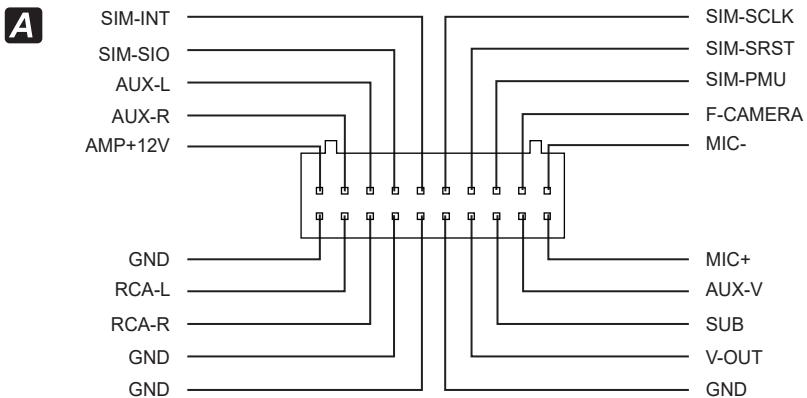


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3	Reverse	For Reverse Camera	11	Key2	For Steering Wheel Control Key2
4	Key1	For Steering Wheel Control Key1	12	ANT-CONT	
5	FR-	For Front Right Speaker -	13	RL-	For Rear Left Speaker -
6	FR+	For Front Right Speaker +	14	RL+	For Rear Left Speaker +
7	FL-	For Front Left Speaker -	15	RR+	For Rear Right Speaker +
8	FL+	For Front Left Speaker +	16	RR-	For Rear Right Speaker -

## [2] RCA output socket



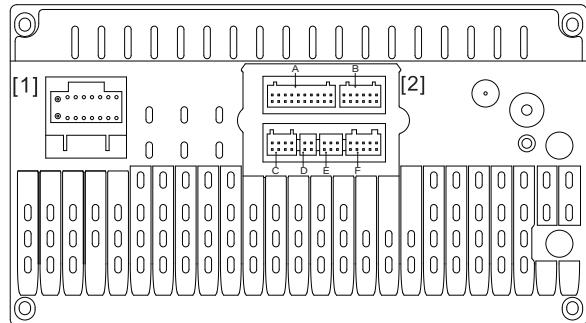
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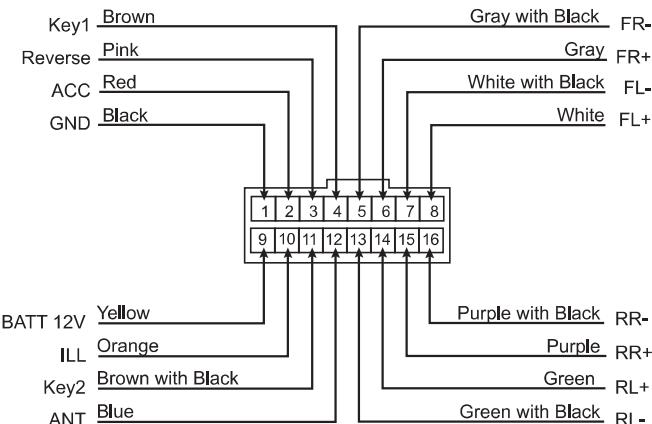
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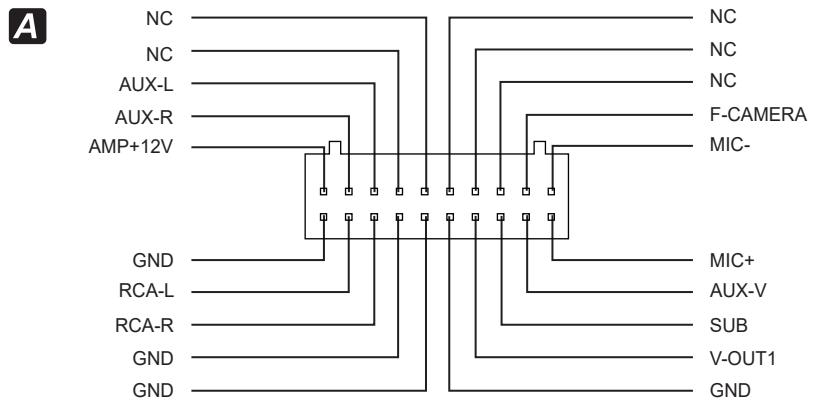


## [1] Power Cable Diagram

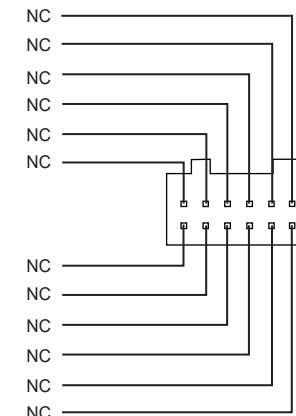


NO.	Name	Connection details	NO.	Name	Connection details
1	GND	For Ground Negative, must be connected	9	BATT 12V	For 12V Battery, must be connected
2	ACC	For Igniting Power, must be connected	10	ILL	ILLumination Cable
3	Reverse	For Reverse Camera	11	Key2	For Steering Wheel Control Key2
4	Key1	For Steering Wheel Control Key1	12	ANT-CONT	
5	FR-	For Front Right Speaker -	13	RL-	For Rear Left Speaker -
6	FR+	For Front Right Speaker +	14	RL+	For Rear Left Speaker +
7	FL-	For Front Left Speaker -	15	RR+	For Rear Right Speaker +
8	FL+	For Front Left Speaker +	16	RR-	For Rear Right Speaker -

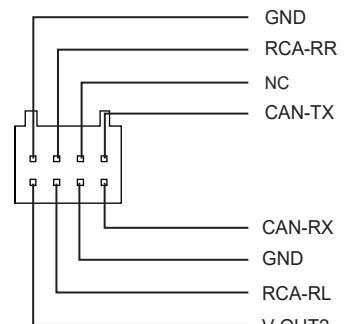
## [2] RCA output socket



## B



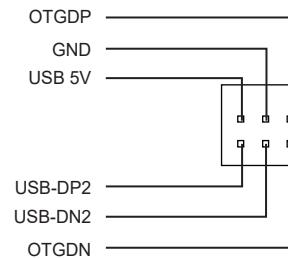
## C



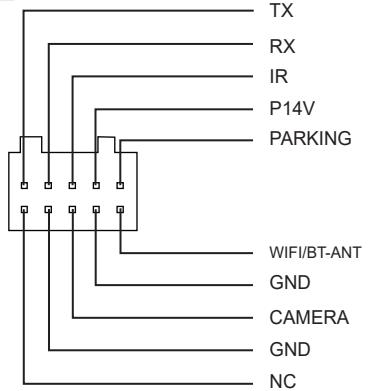
## D



## E



## F



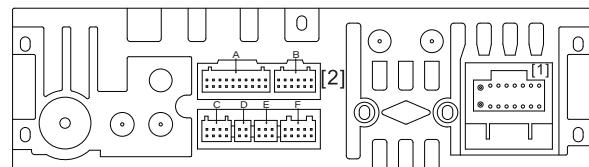
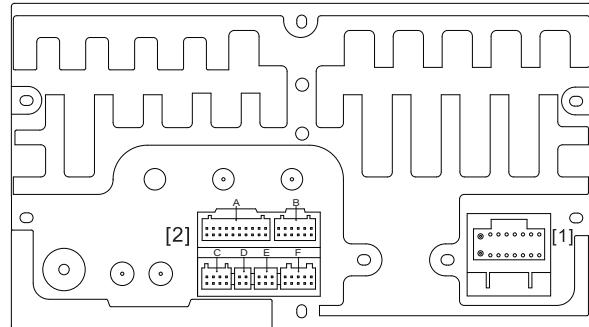
# Wiring Diagram

## Diagram of power cable and RCA Cable

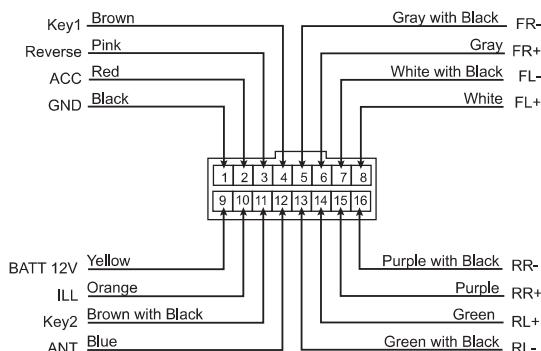
Note: only work within DC10.5V~16V power

FM 87.5~108.0MHz  
AM 522KHz~1620KHz

Speaker prohibit grounding!

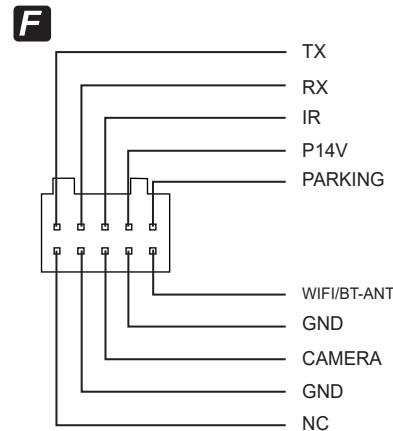
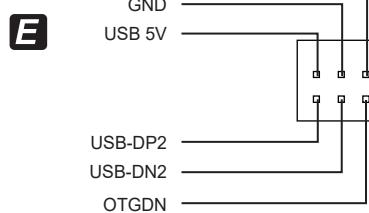
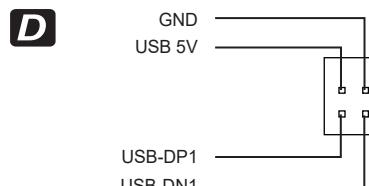
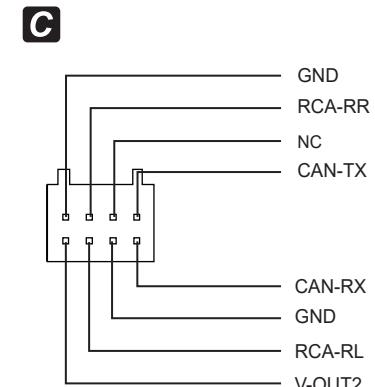
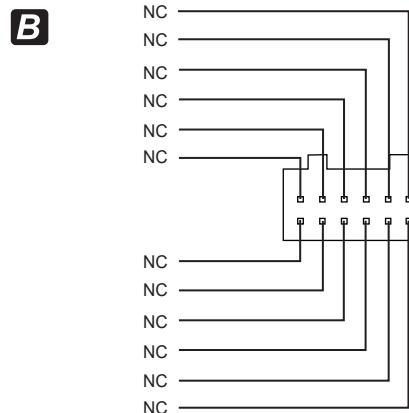
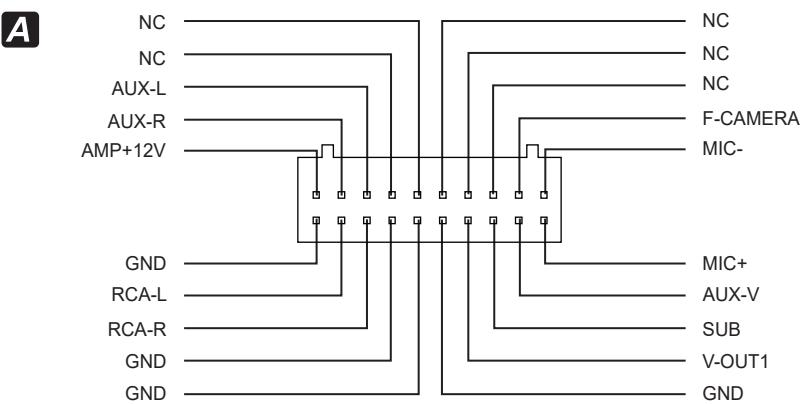


[1] Power Cable Diagram



NO.	Name	Connection details	NO.	Name	Connection details
1	GND	For Ground Negative, must be connected	9	BATT 12V	For 12V Battery, must be connected
2	ACC	For Igniting Power, must be connected	10	ILL	Illumination Cable
3	Reverse	For Reverse Camera	11	Key2	For Steering Wheel Control Key2
4	Key1	For Steering Wheel Control Key1	12	ANT-CONT	
5	FR-	For Front Right Speaker -	13	RL-	For Rear Left Speaker -
6	FR+	For Front Right Speaker +	14	RL+	For Rear Left Speaker +
7	FL-	For Front Left Speaker -	15	RR+	For Rear Right Speaker +
8	FL+	For Front Left Speaker +	16	RR-	For Rear Right Speaker -

[2] RCA output socket



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.