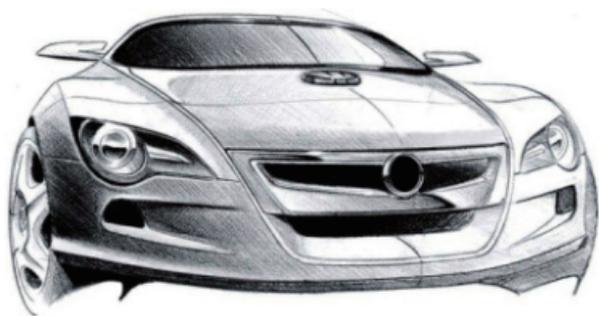


Car Multimedia System

DR Series User Manual



REV0.0

Common Troubleshooting Guide

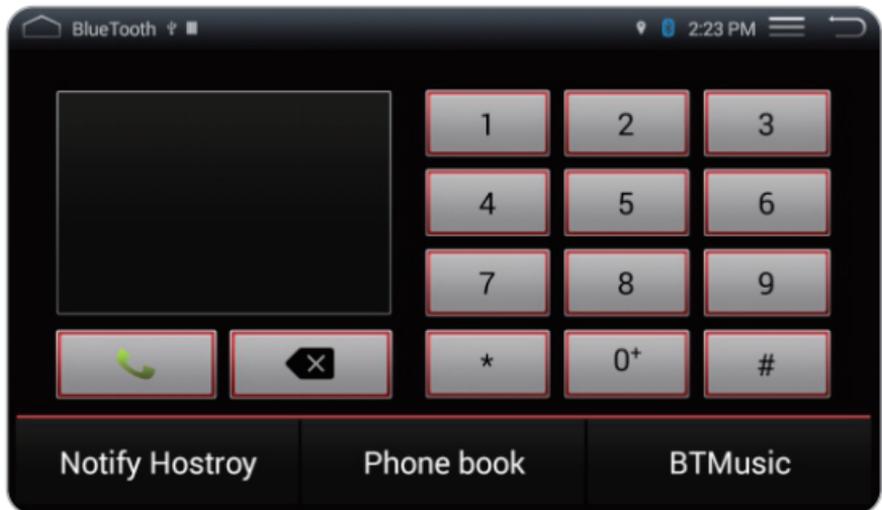
Fault	Reason	Solution
No boot up.	Power fuse was burnt.	Using the same insurance with main unit to replace
	Other factors caused the microprocessor incorrect operation	After pressing the RESET key with a small nib on the face panel, power on again.
After ignition starting up and power off, all settings information were missing.	The BATT of ACC ignition positive power line made wrong connection.	Re-connect the shunting line
No remote control action/function	Low battery in the remote control	replace(change) the battery of the remote control.
Poor receive stations effect	Car antenna didn't go out, Poor antenna grounding.	Checking if the ANT of radio automatic antenna control lines are not connected well, then, please re-check the antenna and the ground wire made correct connection all.
No way to put into Optical disc	There has installed disks already in the DVD loader /mechanism.	Pop-up the disc in the unit (device), then re-insert it into again.
Disc can't play	Disc was scratched	Change the good disc
	Optical disk's positive and negative were placed reversal(opposite).	Put the face of optical disk logo upwards and put it into the device(unit).
	The laser head has been dirty	Using pick up head cleaning disk to clear the pick up.
No action to switch between Language and sub-title	CD only burned a language/ sub-title	No multilingual sub-title's disk. Can't make switch between language and sub-title
No image	No connect the video cables very well from main unit to TV.	Re-connect the connection line.
Mode screen dislocation	No making touch screen calibration very well.	Calibrate touch screen, press "  " button for 5seconds to calibration interface.(neednt for capacitive touch screen).
Functional disorders	Other factors caused the microprocessor incorrect operation	After pressing the resetting key of "RESET" with a small nib on the face panel(plate), to re-boot up.

Bluetooth using method

Password : 0000

- 1、 Enter into bluetooth interface,if not paired with mobile phone,will appear " no connection"
- 2、 Open mobile phone bluetooth and search device,search name of " rk-px3" ,click connection.Some mobile phone maybe ask pairing password,pls input " 0000" and complete connection.If connected successfully," no connection" will disappear.
- 3、 Synchronous phonebook,in the " phonebook" page,click " download phonebook" ,the phone will appear synchronized request,click " ok" to complete synchronization.If too many on the phonebook,need to take a few minutes to download,just wait with patience.
- 4、 Dialing a call,just input phone number on the keyboard directly,press " dial" button will be ok
- 5、 Bluetooth music,on the bluetooth music interface to play music,also operate " play/pause" ," las/next" functions.

Note:when playiing music,pls open music player on the phone first,because it cannt open player on the phone,if installed a few players,just open one of them.

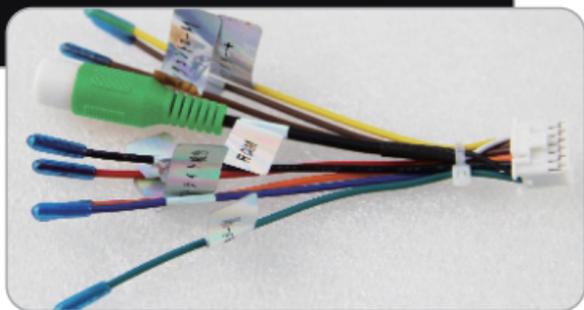
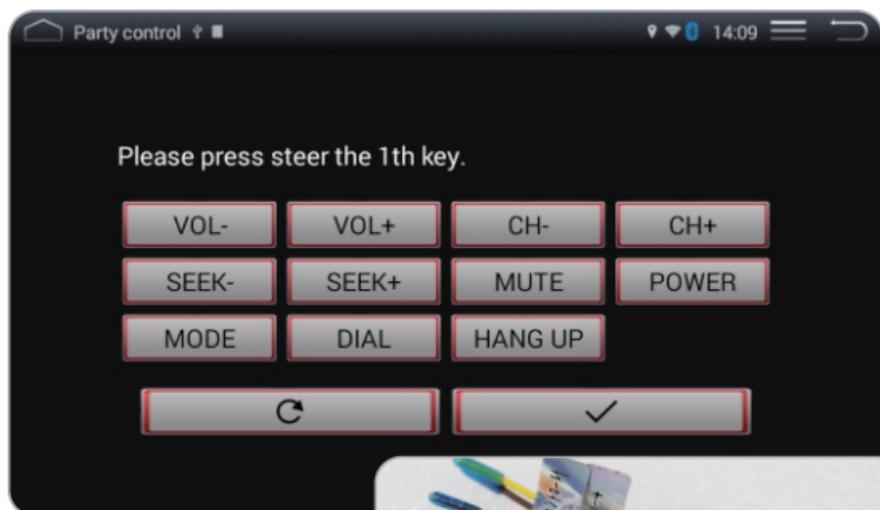


Steering wheel button settings

Click "  " icon on the main UI to enter into the setup interface

- 1、Click "  commset " in the carset interface, and then click "  party control set " to enter into steering wheel setting interface.
- 2、At first, press "  " button to remove all old datas.
- 3、Set the buttons as tips on the screen. Note: when prompt press button the wheel, pls hold 0.5s-1s, can't relax too early.
- 4、Press "  " button to save the settings after the setup completed.
- 5、When setup errors need to be reset, pls repeat above 2-4 operation.
- 6、Some cars with CAN-BUS needn't set steering wheel, pls ignore this part.

Note: make sure "button wire" on the steering wheel connected well with "SWC" on the unit, as shown below: 2 CSW wire connected with anode of steering wheel button wire, GND connected with cathode



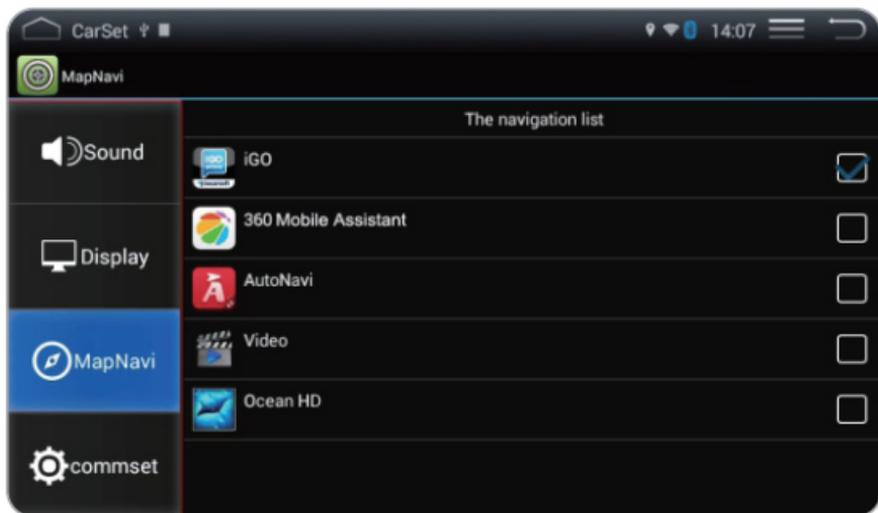
Map installation and the third party applications installation

- 1、 Copy map installation file(APK) and map data file to the SD card,insert GPS slot
- 2、 Enter explorer,click" GPS SD CARD' ' and find APK installation file in the SD card.
- 3、 Click APK installation file,click "next step' ' in the pop-up window,until installation finished
- 4、 If it is the first time to install applications,maybe pop-up window of " prohibit installation" ,then click settings,in the settings interface to hook" unknown source" and then back to re-install again
- 5、 Map installation finished,pls enter carset interface,and click " navigation setting" to enter map selection interface,hook the map application installed.

Note:tick means" GPS" button on the panel binding the map software,press" GPS" button can quickly enter or exit map interface,if installed a few different maps,other maps can only be started by clicking android main interface icon.

Parameter requirements : android version map

Supported resolution : 1024X600



Mirror Link

1、 Smart Phone :

*Connect mobile phone with this unit via bluetooth pairing.

*Connect this unit and mobile phone with a 2.0USB cable.

*Prompt download mirror link" Drive Mode "APP for the first time using,and then installation after download(some mobile phones maybe will not prompt download and install APP).

*After installation of" Drive Mode ",find the developer option in the phone settings, and then hook"USB debug". it will connect automatically,and you can operate any mobile phone applications on the unit once connected successfully.

*Failed connection,pls repeat above steps again.You can check mobile phone UI whether there is " Drive Mode "icon to confirm APP installed into the phone successfully.

2、 iPhone :

*Connect mobile phone with this unit via bluetooth pairing.

*Open WIFI hotspot on the phone.

*Click"Connect phone hotspot",input password to complete connecton(complete connection directly without password)

*Open fast control bar on the phone,choose"Airplay",and open"MIRROR" function on the phone.

*Above steps finished,image of mobile phone has been projected onto the screen of the unit.

Note:iPhone can only project the image onto the screen of the unit,but cannt control iphone on the unit.



Also:if you want to view the verified mobile phone list, pls check built-in manual.

DVD upgrade

- 1、 Copy upgrade file "dvdrom.bin" to an empty CD disc (if the file name is not "dvdrom.bin", pls change it to "dvdrom.bin")
- 2、 Start the unit, insert the disc, click "OK" in pop-up window to upgrade, if dont click "OK", will start to upgrade automatically after 30seconds.
- 3、 When progress bar run to 100% means upgrade finished, pls remove CD disc and reboot.

Note: : Neither power off or other operations during upgrade, otherwise will lead to the unit crash.

Android operation system upgrade

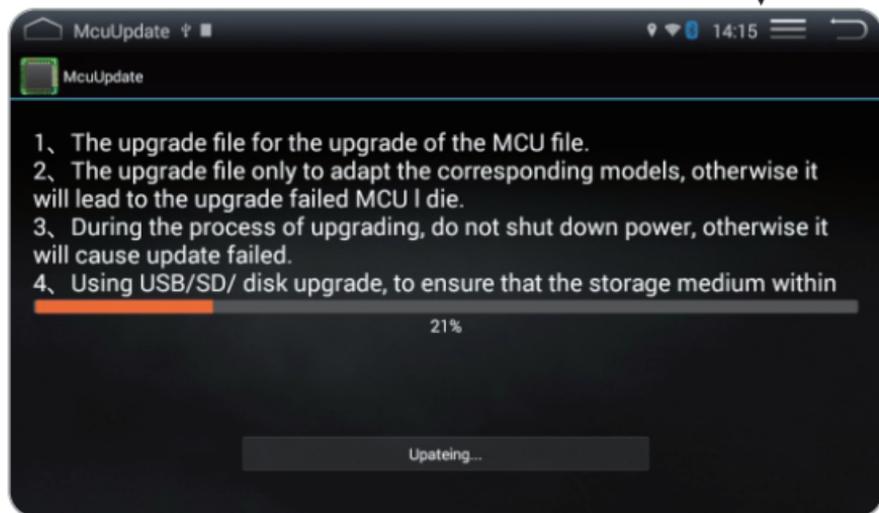
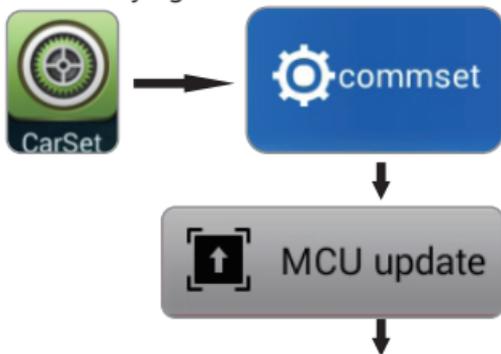
- 1、 Copy upgrade file "rkpx3.binn" and "rkpx3.ini" to the USB/SD root directory, insert USB1 or Media SDCARD.
- 2、 Power off the unit for 1minute and then reboot (also can press reset button to restart), it will upgrade automatically after restart, and will display "Update OK" on the upper left corner of the screen.
- 3、 Remove USB/SD after upgrade finished, power off the unit for 1minute and then reboot (also can press reset button to restart)
- 4、 After start the unit, pls check version information to confirm whether the upgrade is successful.

Note: : Neither power off or other operations during upgrade, otherwise will lead to the unit crash. If can't to upgrade state, and after checking no problem for the USB/SD and upgrade file, pls change to another USB or another SD card to try again.

MCU upgrade

- 1、 Copy upgrade file " McuRom_C.bin" to the USB/SD root directory,insert USB1 or Media SDCARD.
- 2、 Enter into carset,click " MCU upgrade" in general settings,click " start upgrade" .When progress bar run to 100%,click " OK" in the pop-up window to restart the unit to complete upgrade.
- 3、 After start the unit,pls check version information to confirm whether the upgrade is successful.

Note : Neither power off or other operations during upgrade, otherwise will lead to the unit crash.If cannt to upgrade state,and after checking no problem for the USB/SD and upgrade file,pls change to another USB or another SD card to try again.

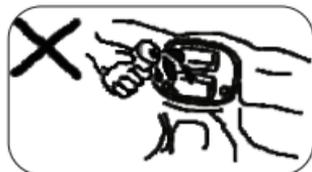


The notes about the full unit's connection diagram

- The product is used for such cars with 12V battery and negative grounding , before installing this product on these cars with 24V batteries,such as truck,bus, big coach etc.cars), please install the reduction voltage equipment firstly.
- To avoid short circuit of the electrical system , please firstly switch off the negative electrode terminal's wire of the batter before installing it .
- Please arrange the wiring in some place where can be fixed, thus, keep it no way to touch any moving parts , such as the handbrake ,gear lever, etc ; Do not arrange the wiring in the heat source area , such as near the heater discharge outlet , otherwise,the heat source will cause the wiring insulation layer was melted or worn,thus,it will cause short-circuit between the wiring and the car body .
- When replacing the blown fuse ,you must use (10A) fuse as ruled. If use high - capacity rated fuses to replace ruled fuses, or no use fuses to direct connect, very easy to cause a fire ordamage the device.
- Do not let the yellow power cord go through the engine mounting hole and introduced with warehouse positions to connect the battery , otherwise, it may damage the power line,then, it will cause short circuit between power line and car body .
- Do not connect this product's power line with other devices's power lines , otherwise, it will cause overloading to change overheating.
- Please use insulation paste to wrap the leading wire of unused speaker, so as to avoid(prevent) short circuit,please ensure that the leading wire of unused speaker gets insulation, otherwise it will cause a short circuit.
- Please ensure that keep any exposed wires to get insulation,meanwhile,bundling all electric wires very well , avoiding any connection terminals to touch the metal parts of this device's body,thus, it can prevent short circuits.
- If your car's ignition does not have ACC position , please use ignition switch key to connect ignition wire/lead onto this on/off power source.
- When turning on the power source , external power amplifier control signal leads AMP. CONT outputIf this device(unit) connected an external amplifier , please do not connect AMP. CONT leading wire to the end of power amplifier, otherwise, it will cause electric leakage and fault.
- For this product, forbidden its loudspeaker output terminals to connect ground wire,otherwise it will burn out the amplifier. Do not use such loudspeaker system with the common ground wire and three kinds of wires styles,no permitting to connect the loudspeaker to car body.
- The loudspeaker which connects this device(unit) must be high-power type, the minimum rated value is 50W, impedance values(resistance value) is 4Ω , please don't directly connected a severalof speaker leads or impedance values (resistance value) outside of this range, otherwise,it will cause short circuit and damage the loudspeakers.

Warning

1. Do not expose the unit in the damp environment to prevent from fire or electric shock accident.
2. Any change or modification to this unit without the clear prior consent of the authorization party may bring inconvenience to the users.
3. This unit is made up of high-precision accessories, do not dismantle the device or adjust any accessories inside this device if without authorization.
4. Do not touch the display screen with hard objects, so as to avoid scratching the screen.
5. Please don't install this device in these places which is in the way of driver's view or effect driving.
6. To avoid any traffic accidents as driver's distraction, please don't operate this device when driving, if needing to operate, please park the car in a safety place first.
7. This device is fit for such cars with 12V power supply battery system of cathode ground wire, please do not install this device to 24V battery's trucks or buses.



Thank patronage!

Thank you very much for purchasing and using our digital car audio-visual series products! To ensure you can use this product correctly, please read this user manual carefully before use it and keep it well for your future reference.

Safety Warning

- Laws of some countries prohibit users from watching TV or other programs and performing related operations when driving. For your personal safety, please do not watch videos, TV and other related operations while driving.
- The system is only for assistant function when reversing (backing), we accept no any responsibility for any accidents caused during reversing (backing).

Class 1 Laser Products

We have the rights not to inform in advance if the product descriptions in this manual have any changing.