User Manual
Q-ROI-ONE-BM 5S

Warning

<table>
<tr>
<td>⚠️
Warning</td>
<td>▪ Do not modify, dismantle or unintended operation this system outside Q-roi After Sales. Damage occurred by unintended operation may cause Q-roi After Sales service void.</td>
</tr>
</table>

<table>
<tr>
<td>⚠️
Warning</td>
<td>

• During installation ignition key should be taken off and after all installation finish connect power cable with interface for the last step.

• Power cable should be separated when connecting interface.

• Should be no any electronic devices or magnetic pole around installation place.

• All steps of installation should be done by well-trained specialist.

• Dismantling without manufacturer's permission can not be guaranteed, (No permission to break attached label on the board.)

• Kindly check all parts are in the box, when receiving the product, if anything missing, inform to the supplier or manufacturer. According to our sales policy, any problems caused by user's mistake, careless can not be guaranteed.

</td>
</tr>
</table>

1. Features

- Android 4.2.2 (Jelly Bean)

- Processing Speed improvement

  (1GHz Cortex A9 Dual-Core CPU)

- video output fitted with each cars (1280x480, 800x480 LVDS)

- Installation & update application via Android play-store

- Support a variety of multimedia ports

  (3*A/V Input, 1*Rear Camera Input, 1*MIC, 1*SPK, 1*AUX OUT)

- Support a variety of ways to store and communicate

  (4*USB 2.0, 1*SDHC Slot, 1*OTG)

- PAS (Parking Assistance System)

2. General Specification

OS		Android 4.2.2 (Jelly Bean)
CPU		Telechips TCC8930 (1GHz Cortex A9 DualCore)
Display		OEM LCD
Internal Memory		DDR3 1GB RAM + 8GB eMMC
External Memory		SDHC Slot Support (up to 64GB)
Function		A/V Input x 3, Rear Cam Input x 1, CAN(Controller Area Network) x 2, Mic x 1, External Speaker x 1 (mono), External Audio Out x 1(Car Aux),
Output		LVDS (thru Video Interface), RGB (thru Sub-Board)
Touch Type		Resistive Touch
GPS		SiRF
Resolution		800*480
USB		USB 2.0 x 2
Input Voltage		12V
Temperature		operating 0 C to 60 C
		Storage -20 C to 60 C
Languages		multi-languages
LCD	Size	10.2 inch(Diagonal)
	Driver element	a-Si TFT active matrix
	Resolution	1280*480
	Display mode	Normally White, Transmissive
	Surface treatment	Anti-Glare

3. Original button usage

〈Voice button〉

〈Memory Button #8〉

※Short Press ：Switching Modes
             (Q-ROI ↔ OEM)

※ Long Press ：Switching Mode
             (Q-ROI↔OEM)
   Short Press ：Go to Main Menu

※ Short Press
  ：Navigation Quick
   button

1

Spin left/right ：Move to up/down
                in Menu

Push Left ：Move to backward in Menu
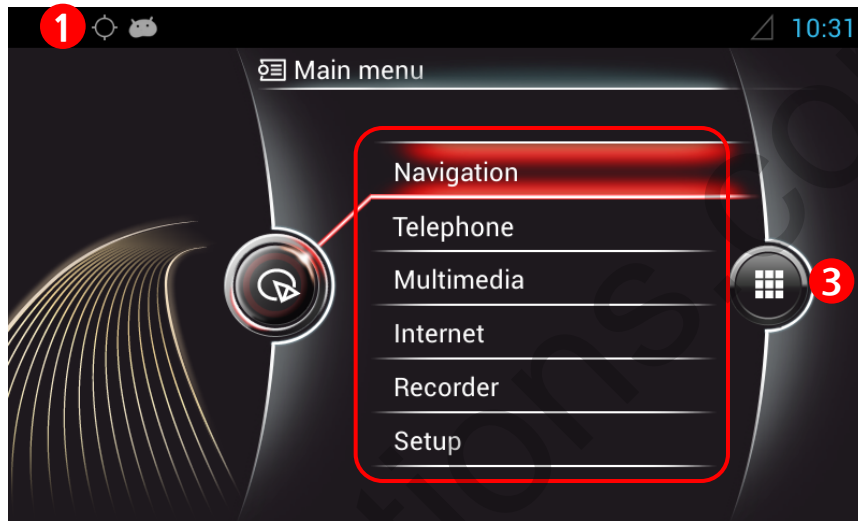Push Right ：Move to forward in Menu
Push ：Select / Confirm

〈I-DRIVE〉

※ Long Press ：Q-roi reset

※Short press Audio or Back or CD or Tel button to switch to OEM

4. How to use

4.1 Home Screen

※ After turning on the Q-Roi, Home screen shall be shown as below.

① **Notification center**
   Open the notification center by bring down the status bar

② **Main Menu**
   6 manuals in the main screen. Favorable applications can be linked
   with 6 manuals.(Option : Telephone)

③ **Application**
   Move to Applications

④ **Side bar Menu**

   : Check or Restart or Delete operated applications

   : Return to Home screen

   : Return to the previous screen

   : Adjust the device's volume or activate offered speakers

※ While using CAR READER MAP, you will be able to hear navigation instruction
in voice even if you are using car audio.

4. How to use

4.2 Changing the Link of Main Menu

• Long press on the selected application in the application screen.
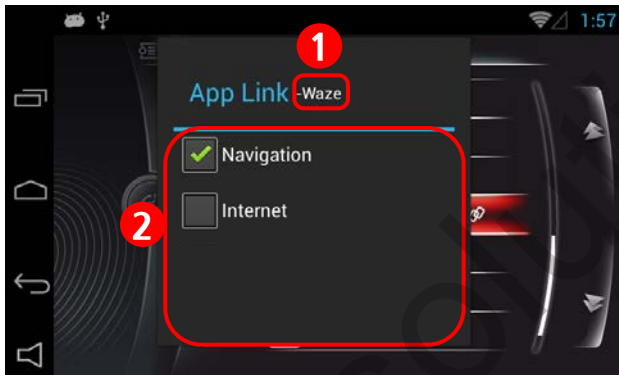
• Application link will be popped up

① The name of the selected application will be shown.

② Select one of the main menus which you want to link with.
It will be operated by selecting main menu (Navigation, Multimedia(Music and Movie), Internet can be linked)

4. How to use

4.3 Telephone
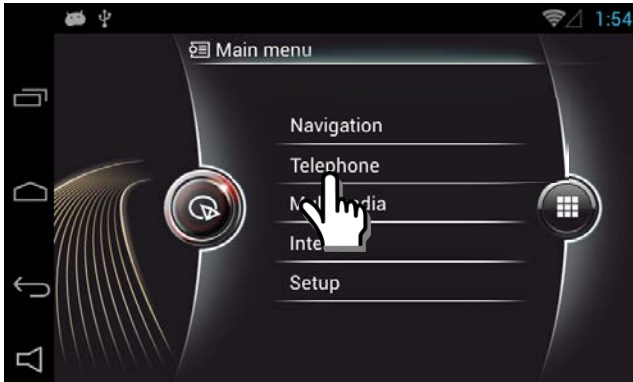
- Select Telephone Menu.

· **KEYPAD**

①Press phone number → Keypad to make or hang up a call
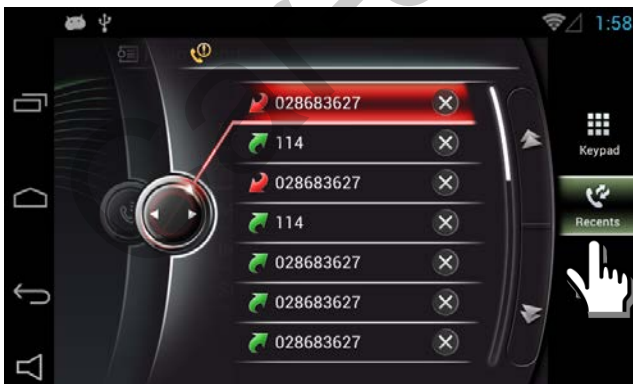
· **RECENTS**

① Recent call list

4. How to use

4.3 Telephone

- **DEVICE**

  ①After connecting user's cell phone, you will
  be able to see the model of the connected
  cell phone.
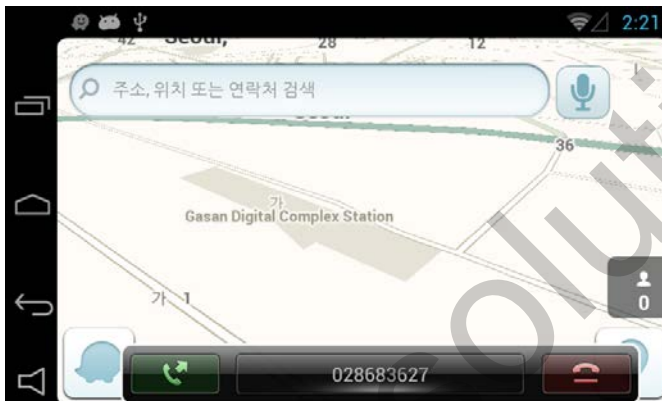
- After getting a phone call, the notice will
pop out on the bottom of the screen.
(Receive and Cancel a call)

4. How to use

4.4 MULTIMEDIA

- **4 menu buttons**
  4 menu buttons shall be shown after pressing Multimedia icon.

- **MUSIC**

  ① Put music in USB and Play in Music mode

  MUSIC List Button
  (Press I-Drive to the right)

- **MOVIE**

  ① Put music in USB and Play in Movie mode

  MOVIE List Button
  ((Press I-Drive to the right)

4. How to use

4.4 MULTIMEDIA

- **AV**

  ① Connect an external device and play in AV mode

- **DVD**

  ① Connect a DVD device and play in DVD mode

- **Recorder**

  ① Connect a Drive recorder and play in Recorder mode

4. How to use

4.5 Utilize Side Bar Menu

※ Easy control by Using side bar menu buttons

Side bar Menu buttons 👉
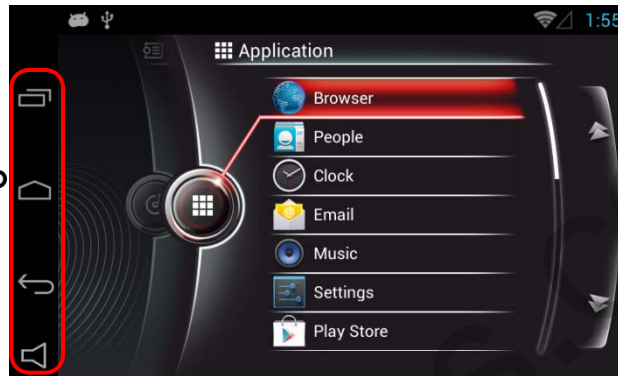
1. 🔲 : Return to the previous applications or Restart or Delete.
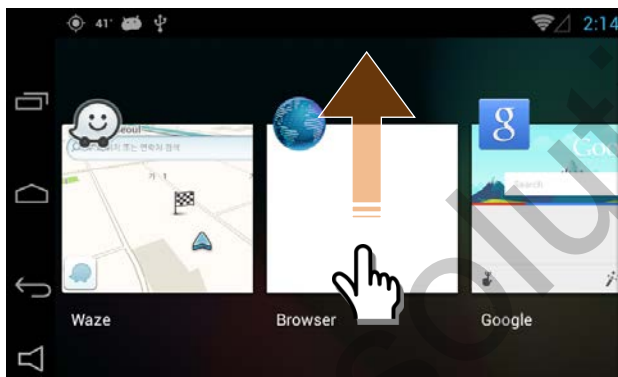
• Once Pressing the button, you will be able to see the previously used applications.

• You can activate applications by selecting
  or
  You can delete applications by swiping
   it up

2. ⌂ (Home key): Return to Main menu during activating an application.

• Press the application button to return main menu

4. How to use

3. ⬅ (Return Key) : Return to the previous screen

4. 🔈 : Control the volume of Q-Roi and utilization of the offered speaker.
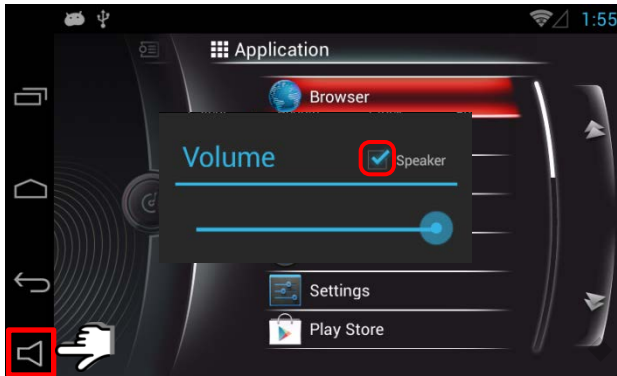
- Press the button to control the volume

- If you do not select "Speaker", the offered speaker shall not be operated (Only Car Audio Output is available).

5. Setting

5.1 Wi-Fi Setting

※ Wi-fi Dongle(Wi-fi adapter) is required to be installed.

You can use Wifi by connecting Wi-bro devices or Mobile(Hotspot) with Q-Roi

🎛 **Apps ▶** 🎚 **Setting ▶ Press 'Wi-Fi'**

Or Main Menu ▶ SETUP ▶ Press 'Wi-Fi'
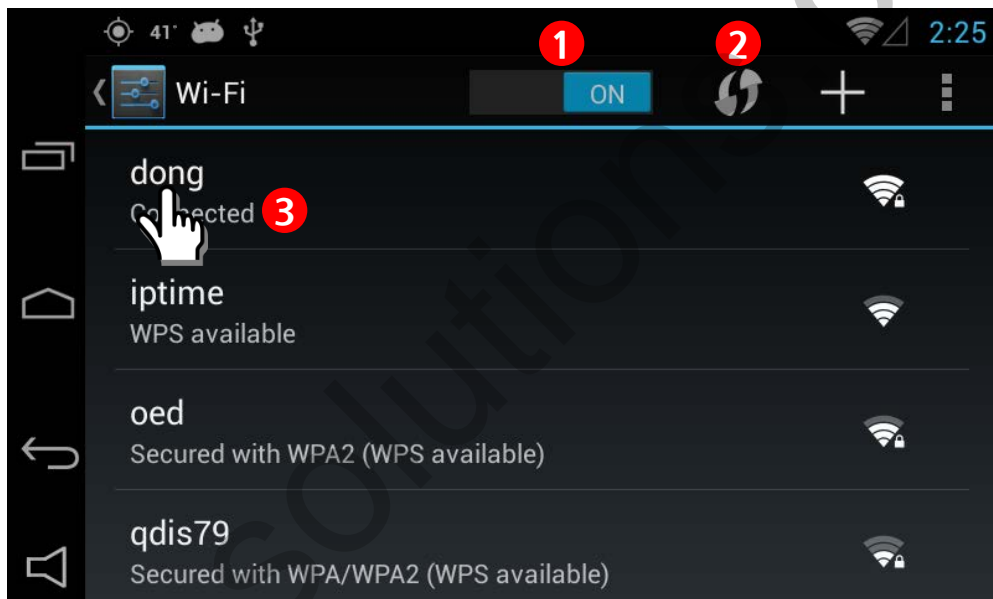
① Wi-Fi ON/OFF
  - Turn ON/OFF Wi-Fi

② Searching
  - Searching the Wi-Fi networks

③ Connected
  - Indicate the connected Wi-Fi
  (You can see the menu of connecting and cancelation by long press)

5. Setting

5.2 QROI Settings

※ Set Main Screen

Apps ▶ Setting ▶ QROI Settings
Or Main menu SETUP ▶ QROI Settings
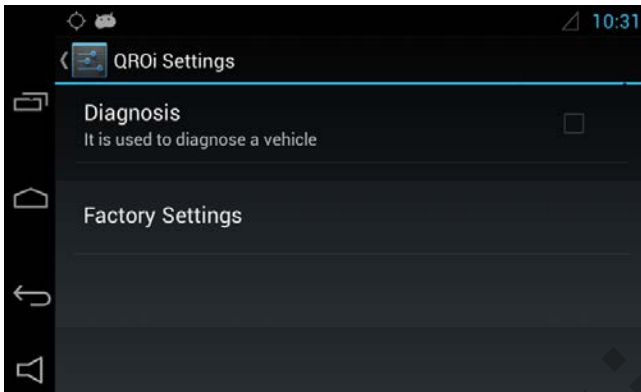
• If you select Diagnosis, It will go back to the default(Before Install Q-ROI)

※ Set it up when you go to an authorized service center.
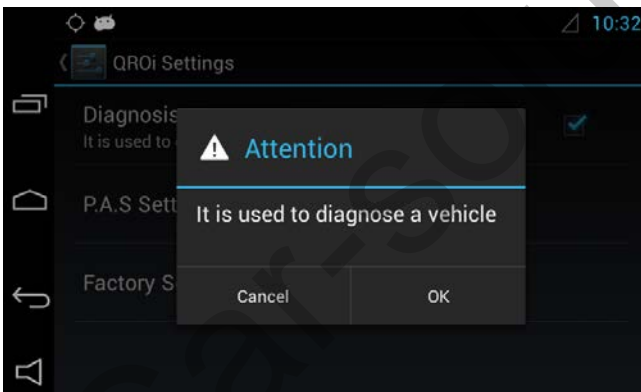
• Select "OK"

5. Setting

5.2 QROI Settings
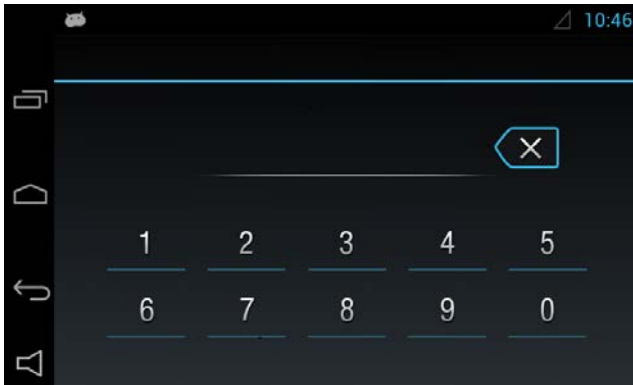
- **Activate Factory Settings**

- **Fill out the Password.**

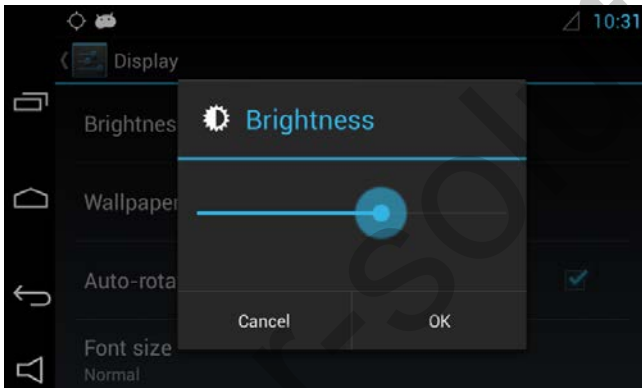 **※ Please ask the manufacturer for the password**

- **Set 'CAR MODEL 'and others**

5. Setting

5.3 Display

※ Set Main Screen

Apps ▶ Setting ▶ Press Display
Or Main menu SETUP ▶ Press Display
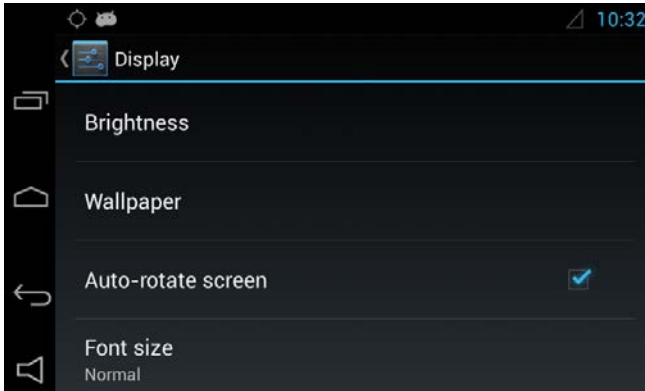
• **Press the Display button and The screen shall be shown as left photo.**
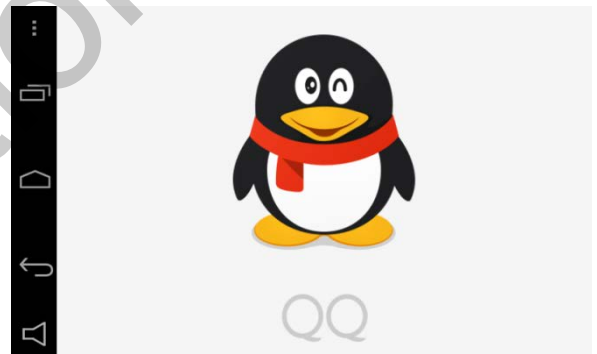
• **Select Brightness to adjust**

5. Setting

5.3 Display
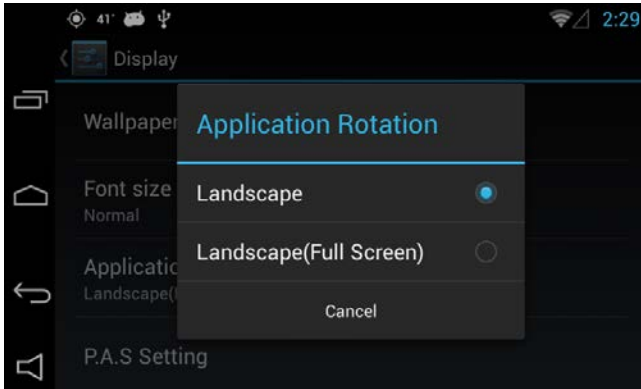
• Press 'Application Rotation' and you can select two options.
(Landscape or Full Screen)
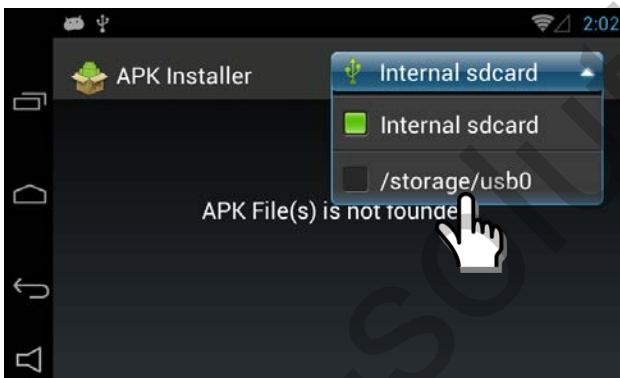

⟨Landscape Mode⟩

⟨Landscape-Full Screen Mode⟩
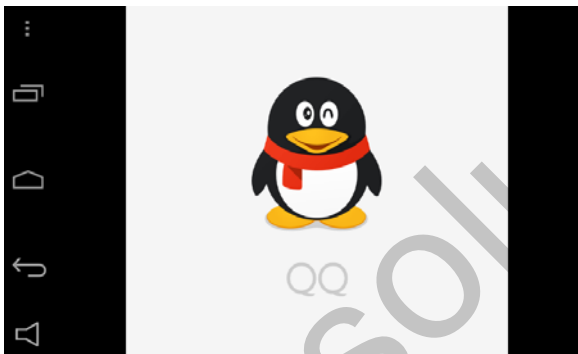
5. Setting

5.4 Installing applications
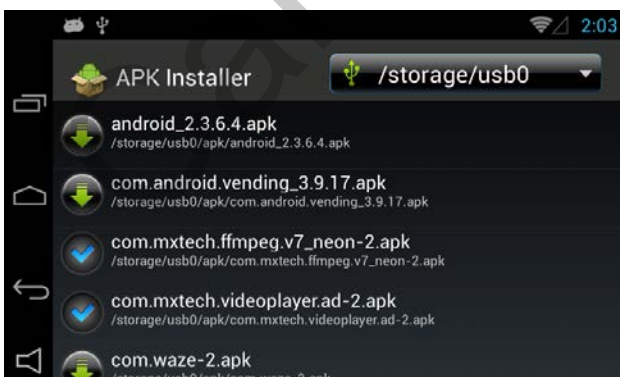
 Apps ▶ QapkInstaller

• **Press the QapkInstaller**

• **Select the one storing APK file among two options**

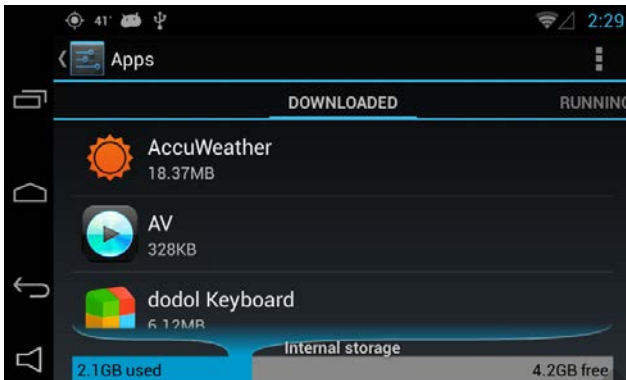• **Select APK file to install**

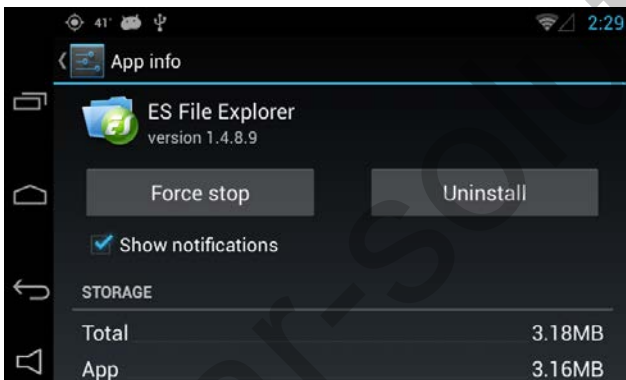- : **Installation completed**
- : **Have not installed yet**

5. Setting

5.5 Management of application

※ **You can manage the application of Q-Roi.**

⊞ **Apps** ▶ 📶 **Setting ▶ Press 'Apps'**

  Or Main Menu SETUP ▶ Press 'Apps'

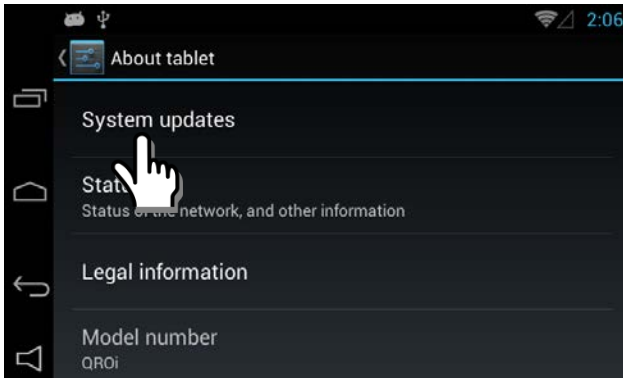• **Please refer to the left photo.**

• **Select an application to deactivate or delete the application**
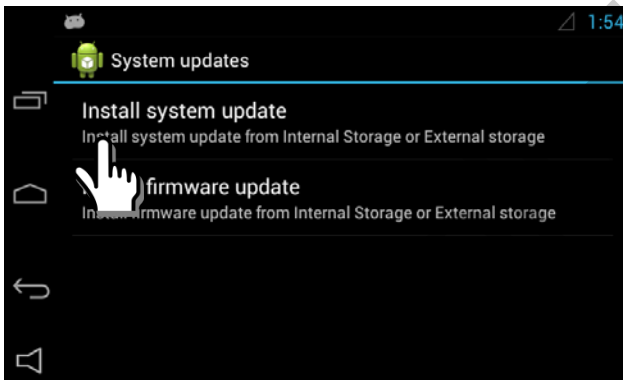
5. Setting

5.6 Updating system

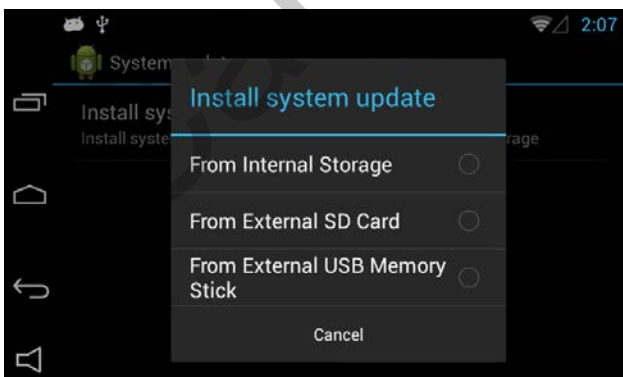Apps ▶ Setting ▶ Press 'About tablet'
Or Main menu SETUP ▶ Press 'About table'

• Select System update

• Select Install system update
(Use "update.zip" file)

• Select Install firmware update
(Use "fw.qvl" file)

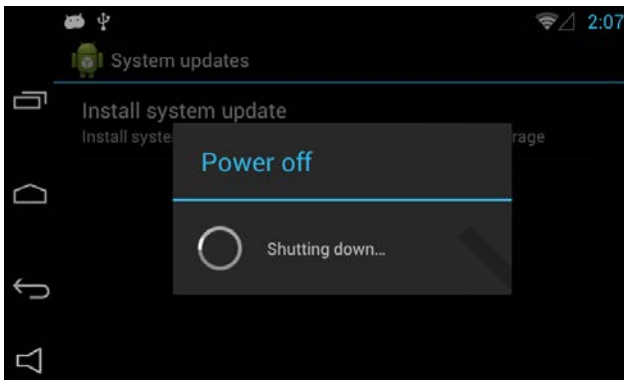• Select one storing the updated file
 among the three options.

5. Setting

5.6 Updating system

• **Press Install now to update**

• **After being turned off, Update shall be started.**

• **Check the updated version from Kernel version.**

5. Setting

5.7 Setting for Rear Camera

- When user set gear to "R",
  User can set PAS(Parking Assistant system)

6. Quality Warranty

This product has been tested and have passed under our strict quality control.

If the failure occurred due to the carelessness of workmanship within one year after the purchase, we are responsible to repair free of charge.

Please bring this warranty to dealer whom you purchased this product from at the repair time. Should this warranty not presented, repair charged will be on customer. Please keep this warranty card.

Warranty		
Product name	Q-ROI_ONE_BMW 5S	
Warranty period	1 year	Purchase date (yy/mm/dd)
Customer	Address	
	TEL	
	Name	
Dealer	Address	
	Name	