

User Manual

Q-ROI-ONE-BMW 3 Series

Warning



Warning

- 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.



Warning

- 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.

1. Features

- Android 4.2.2 (Jelly Bean)
- Processing Speed Improvement
(1GHz Cortex A9 Dual-Core CPU)
- Install & update applications through Android play-store
- **Video output fitted with each cars**
(1280 x 480, 800 x 480 LVDS)
- Support a variety of multimedia ports
(3*Video Input, 1*Rear Camera Input, 1*MIC, 1*SPK)
- Support a variety of ways to store and communicate
(2*USB 2.0, 1*SDHC Slot)
- PAS (Parking Assist System)

2. General Spec

OS	Android 4.2.2 (Jelly Bean)	
CPU	Telechips TCC8930 (1GHz Cortex A9 DualCore)	
Display	Replacement LCD(10.2inch)	
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)	
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. Use of OEM button

※ First, Long press memory button #8 to set up switching Aux function.(Original function)
If you press memory button #8, Aux and modes will switch at the same time.

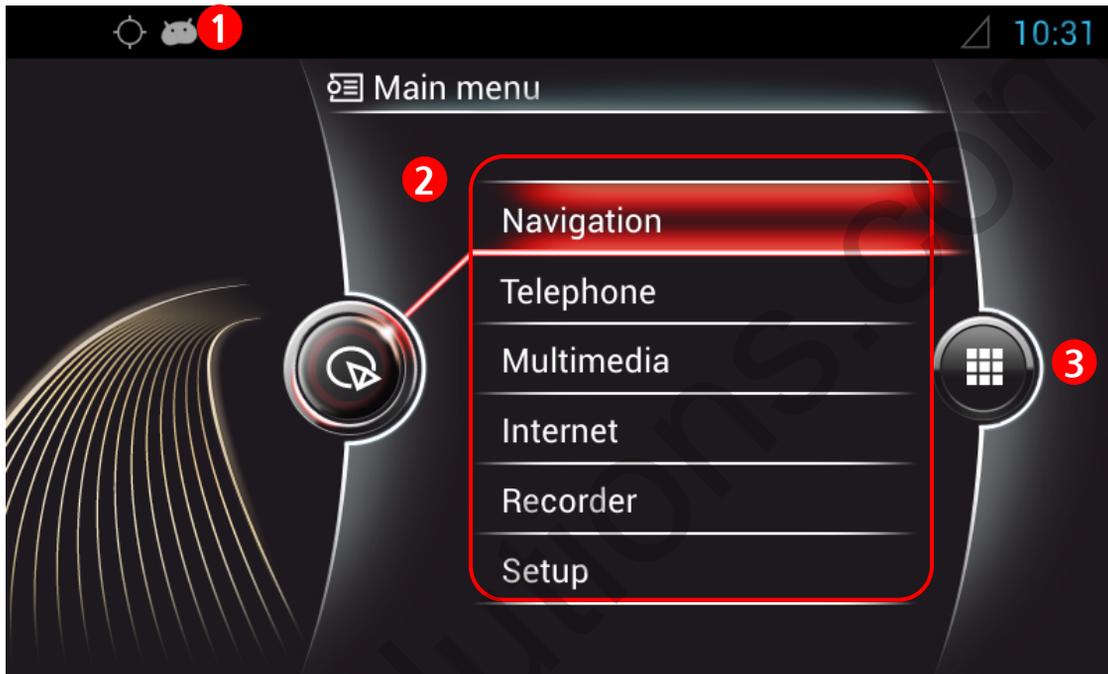


※ Short press Audio or Back or or Tel button to switch to OEM

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 dragging 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

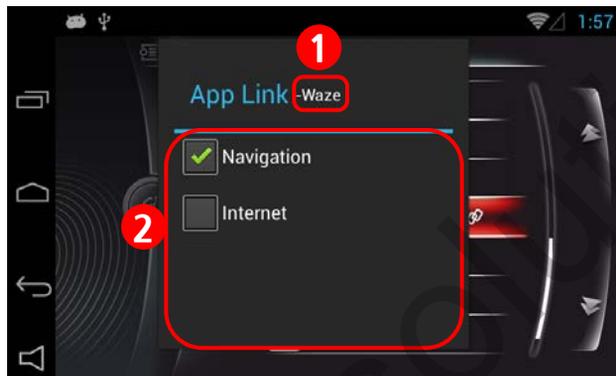
※ While using CAR READER MAP, you will be able to hear navigation instruction in voice even if you are using car audio.

4. How to use

4.2 Changing the Link of Main Menu



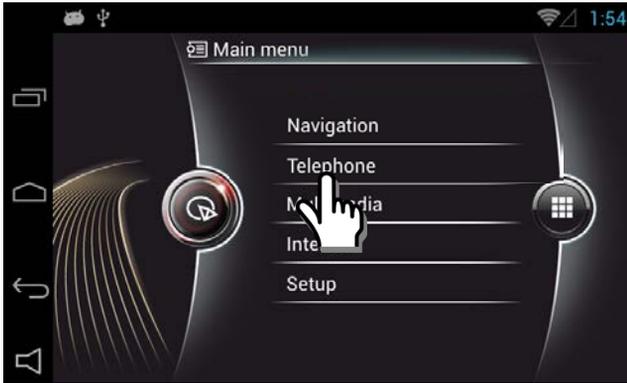
- Long press on the selected application in the application screen.



- 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

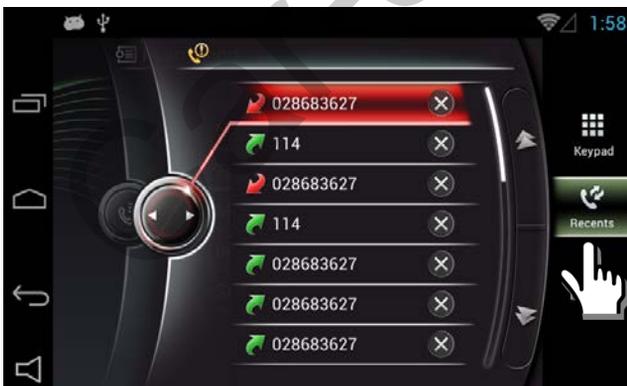


- Select Telephone Menu.



- **KEYPAD**

- ① Press phone number → Keypad to make or hang up a call



- **RECENTS**

- ① Recent call list

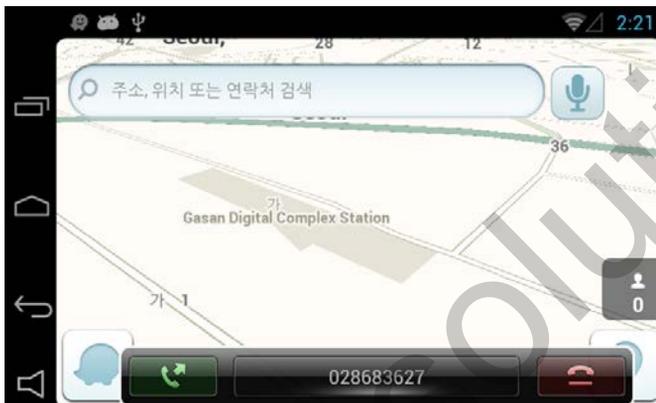
4. How to use

4.3 Telephone



• DEVICE

① After 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

4. How to use

4.4 MULTIMEDIA



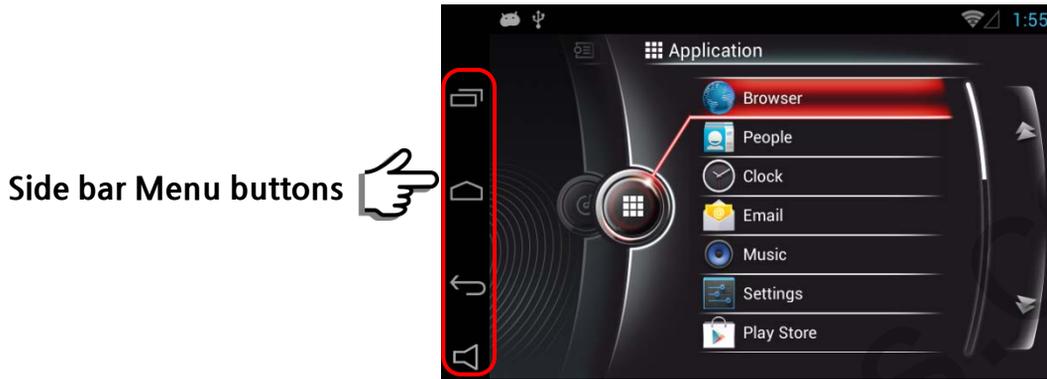
- **Recorder**

- ① Connect a Drive recorder and play in Recorder mode

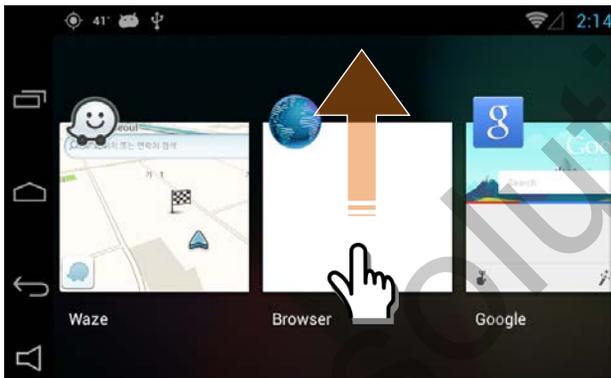
4. How to use

4.5 Utilize Side Bar Menu

※ Easy control by Using side bar menu buttons



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.

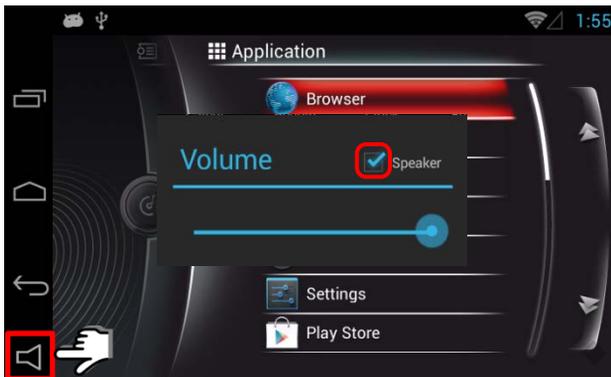


- Press the application button to return main menu

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).

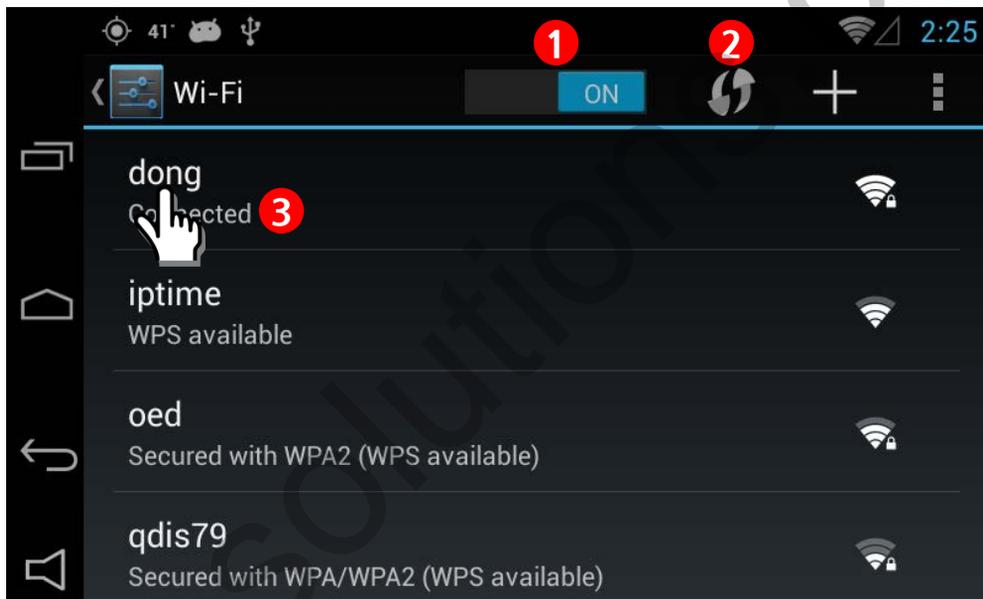
5. Setting

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

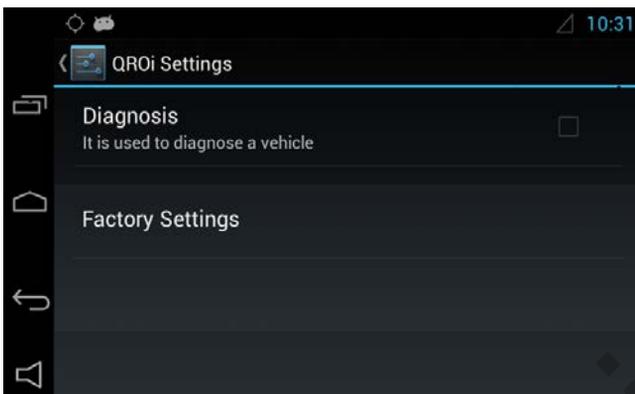
(You can see the menu of connecting and cancelation by long press)

5. Setting

5.2 QROI Settings

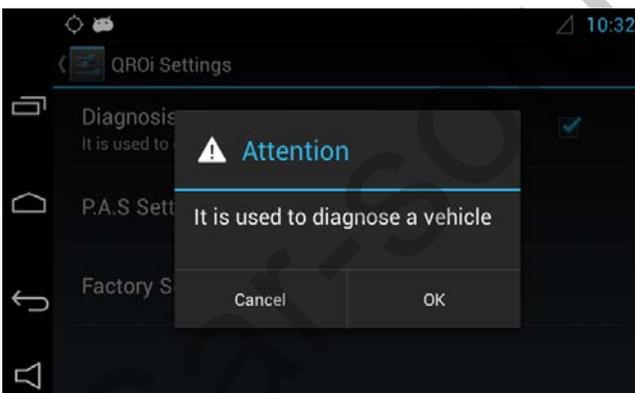
※ Set Main Screen

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



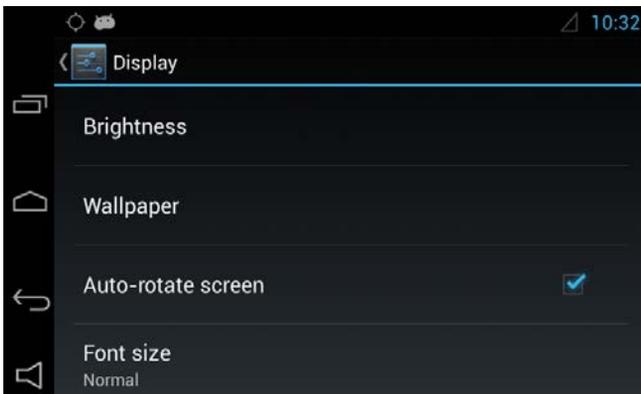
- Set 'CAR MODEL' and others

5. Setting

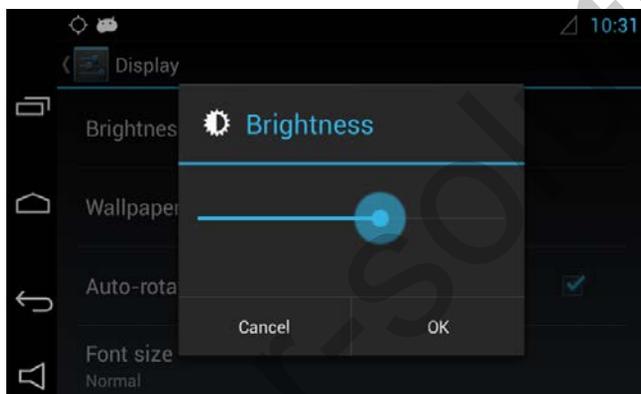
5.3 Display

※ Set Main Screen

 Apps ▶  Setting ▶ Press Display
Or Main menu SETUP ▶ Press Display



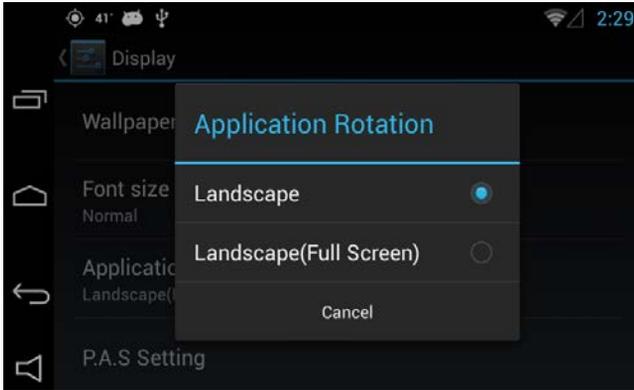
• Press the Display button and The screen shall be shown as left photo.



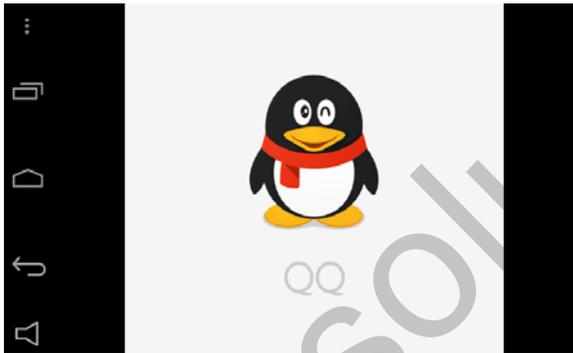
• Select Brightness to adjust

5. Setting

5.3 Display



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



<Landscape Mode>



<Landscape-Full Screen Mode>

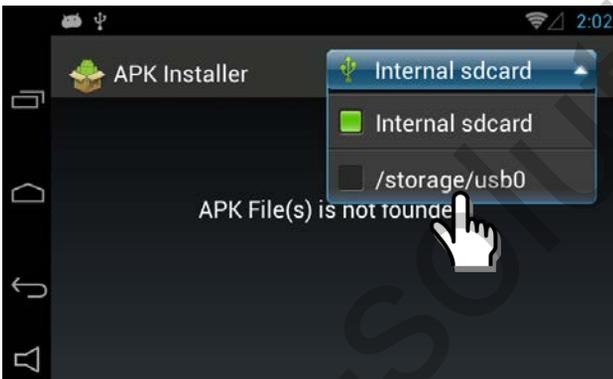
5. Setting

5.4 Installing applications

 Apps ▶  QapkInstaller



- Press the QapkInstaller



- Select the one storing APK file among two options



- Select APK file to install

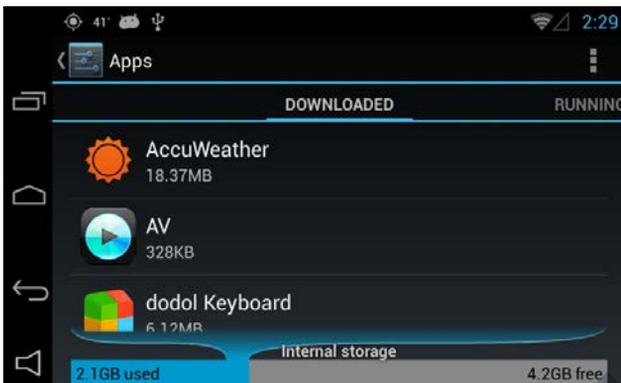
-  : Installation completed
-  : Have not installed yet

5. Setting

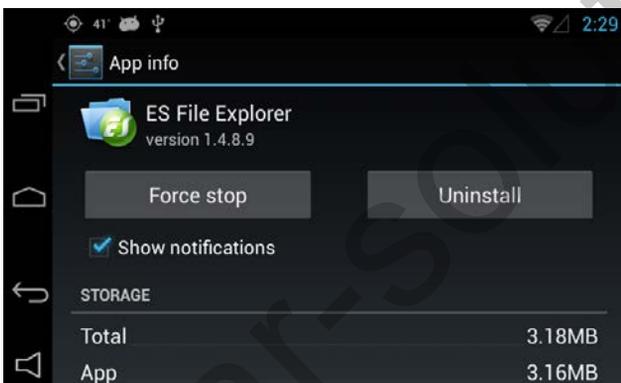
5.5 Management of application

※ You can manage the application of Q-Roi.

 Apps ▶  Setting ▶ Press 'Apps'
Or Main Menu SETUP ▶ Press 'Apps'



• Please refer to the left photo.

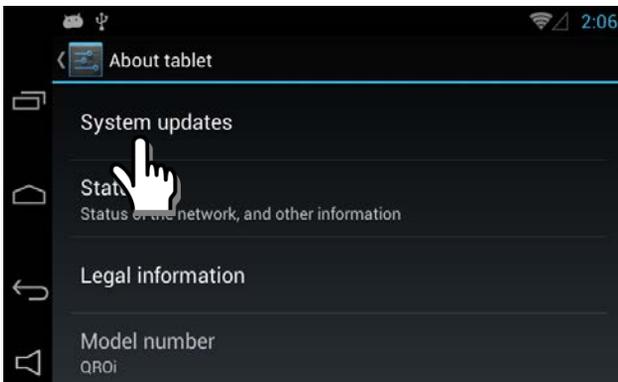


• Select an application to deactivate or delete the application

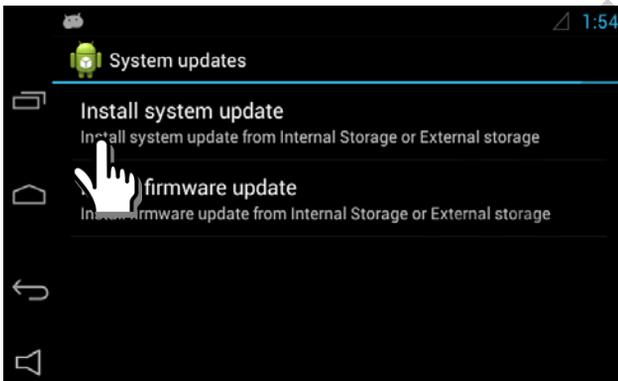
5. Setting

5.6 Updating system

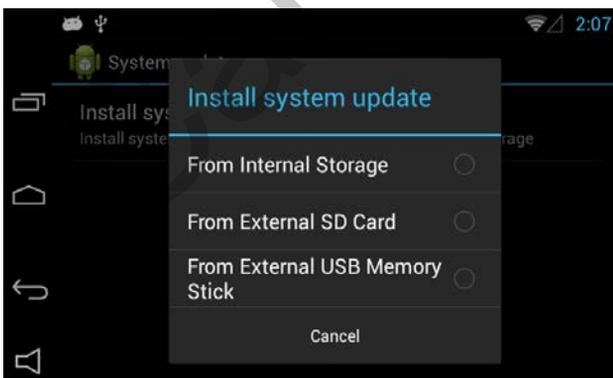
Apps ► Setting ► Press 'About tablet'
Or Main menu SETUP ► Press 'About table'



- Select System update



- Select Install system update (Use "update.zip" file)
- Select Install firmware update (Use "fw.qvl" file)



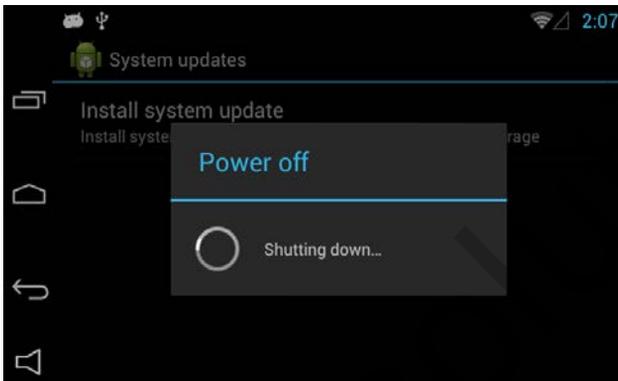
- Select one storing the updated file among the three options.

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 3S		
Warranty period	1 year	Purchase date (yy/mm/dd)	
Customer	Address		
	TEL		
	Name		
Dealer	Address		
	Name		