Installation Manual

QROI2 RGB Android Navigation
Model : QROI2-RGB

OCTA CORE

• Specification

INDEX	CONTENS
OS	Android 5.1.1 (Lollipop)
CPU	Nexell S5P6818 (Cortex-A53 Octa-Core CPU up to 1.6GHz)
Memory	DDR3 2GB up to 800MHz
Internal Storage	8GB/16GB eMMC 5.1
Display	OEM LCD / RGB / HDMI / CVBS
Resolution	800 x 480
SD CARD	Micro SD Slot Support (up to 64GB)
GPS	UBLOX-8 (GPS + GLONASS)
USB	2.0 High speed x 5 (USB Host x4, OTG x1)
Touch	Resistive & Capacitive & UART Touch
Video Input	CVBS x 1
Map voice exclusive Speaker	3Watts/8ohm, 1 way mono
Audio Output	Stereo Output x 1 (for Car Audio)
Language	Multi-Language
Power	DC 9V ~ 18V
Operating Temperature	-10℃ ~ 70℃
Storage Temperature	-20℃ ~ 80℃

• Product Exterior

MULTIMEDIA NAVIGATION SYSTEM
Model : QROI2-RGB-MAIN
Product Code : QROI2-RGB-MAIN-1704-010

MULTI   TEST   DIP SW   RESET   LED   MICRO SD   USB#1   USB#2   OTG

POWER   USB#A   USB#B   HD OUT   RGB OUT   B/T

• Components

|			
Power * 1ea (HPOWER0137)	Multi * 1ea (HARETC0208)	B/T board * 1ea (QCPASS0481) Q4-B/T	B/T Cable * 1ea (HARETC0209)
R touch cable * 1ea HTOUCH0022	RGB Out * 1ea (HRGBCA0025)	GPS Antenna * 1ea (GPSANT0014)	Microphone cable * 1ea (MICPHO0002)
HDMI cable * 1ea (HARETC0067)	USB cable * 1ea (HARETC0111)	Speaker * 1ea (SPEAKER009)	BUTTON * 1ea (HARETC0001)
C touch board * 1ea (Option) CAPTS-EX-V1 (140715)	C touch cable * 1ea (HTOUCH0036) (Option)	3G dongle * 1ea (ETCETC0155) (Option) STC	WIFI dongle * 1ea (Option) (ETCETC0110) / Micro SD 8G * 1ea (Option) (PROSEL0020) KINGMAX 8G

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4. How to use

4.1 Home page

※ Once QROI2 is turned on, the mainpage is displayed as below
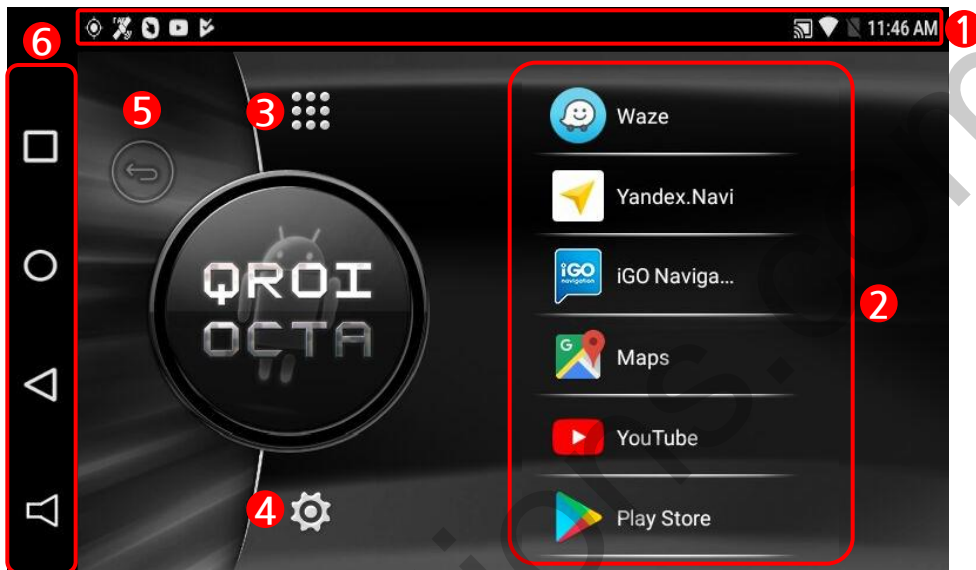
① **Status bar**
Drag down the status bar to view the information in details

② **Main icon**
QROI2 provides six shortcut icons on the home page
Able to run application once the shortcut icon is selected

③ **Apps**
Display the list of Android application

④ **Settings**
Change the settings of QROI2

⑤ **Back button / Display navigation bar**
Short press - back button
Long press - Display the navigation bar on the left
(It will be disappear in 5 secs if any button on the navigation bar is not pressed)

⑥ **Navigation Bar**

   ▢ : Run and delete the application from the recent apps list

   ◯ : (while running apps) go back to home page
      (Long press) play Google Now
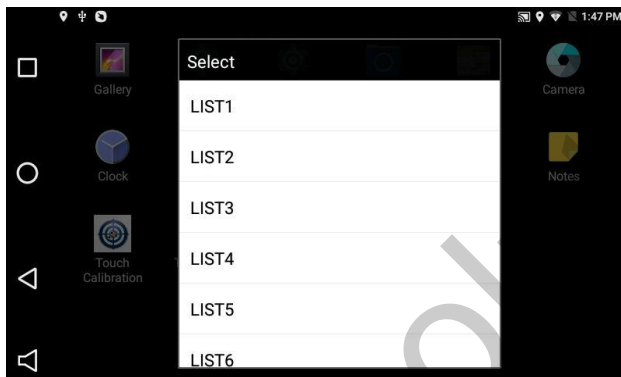
   ◁ : Go back to the previous page

   ◁ : Turn on/off or Volume up/down QROI2 sound
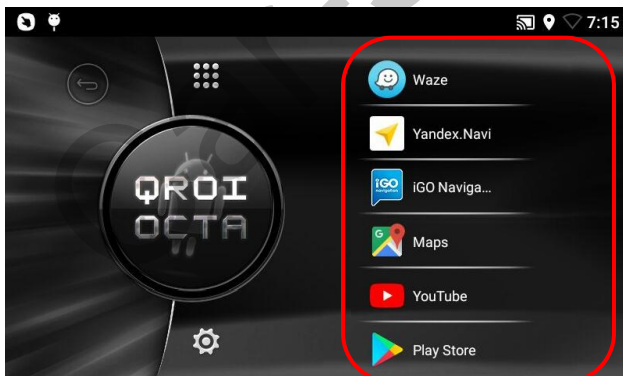
4. How to use

4.2 Change shortcut icons
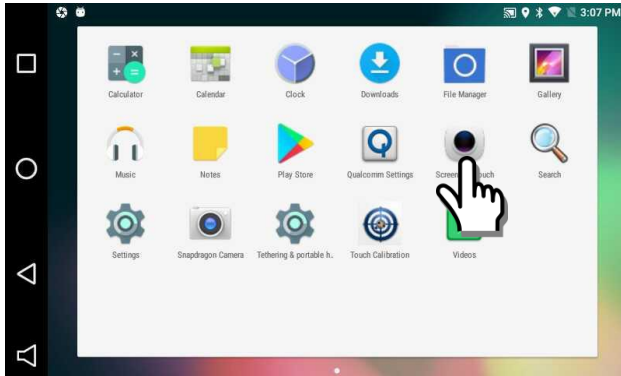
1. Press the application for a while in order to make the application shortcut.
   (After Shortcut is registered, if you press the application for a while again, it will be removed from the main icon)

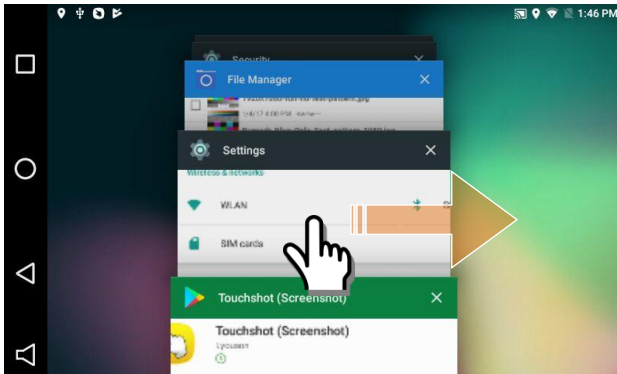2. Select the position between List1 and List 6

3. Shortcut icons will be changed as shown on the left

4. How to use

4.3 Sidebar

※ Sidebar helps to use QROI2 in a easier way.

1. ▣ (Multi key): Find, open and close recent apps

• Once the button is pressed, the recent apps will be displayed as shown on the left

• Replay the application when the application is clicked

• Remove the application on the recent apps by dragging left or right

2. ◯ (Home key): (While running application) Go back to Home page
(Long press) play Google Now
.

3. ◁ (Back button): move to the previous page.

4. ◁) : Turn on/off or Volume up/down QROI2 sound
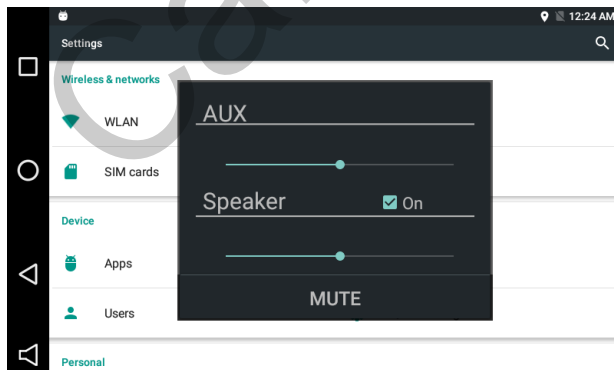
click the button to open the new window as shown on the left

• AUX : Volume up/down Aux sound when the sound is connected to Car aux

• Speaker : Volume up/down the sound from the supplied speaker. In case of "Off", the supplied speaker will not have sound and only car aux will work
• MUTE : mute on/off

4. How to use

4.4 Bluetooth function

※ Make sure that the smartphone and QROI2 are connected
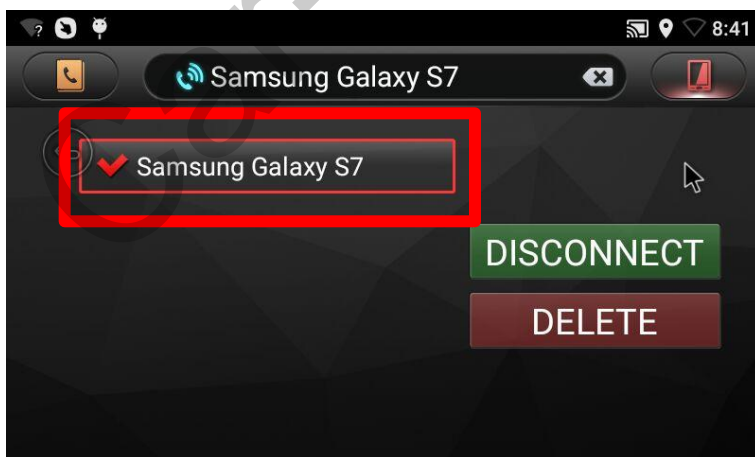   via Bluetooth to enjoy features

1) Bluetooth connection

QBluetooth

• Run Qbluetooth on the app list

• Click the icon in a red square

• After the smartphone is connected with QROI2,
   the device name will be appeared

4. How to use

4.4 Bluetooth function
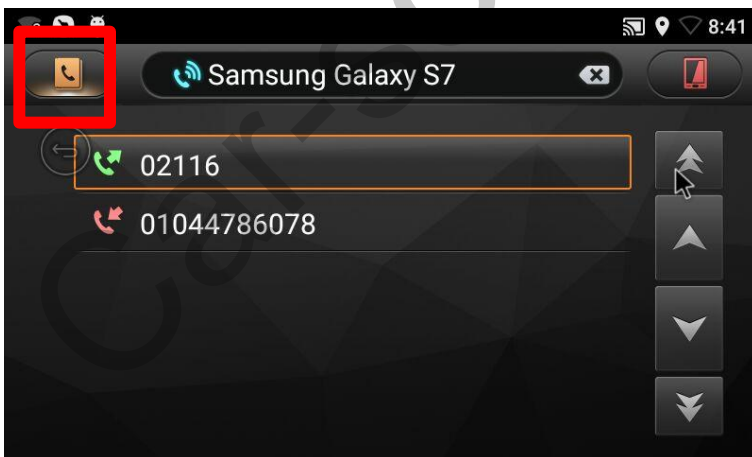
※ Make sure that the smartphone and QROI2 are connected
 via Bluetooth to enjoy features

2) Phone call

- After the smartphone and QROI2 are paired, it is possible to make/receive a call
- Hear the voice from AUX and Speaker and use MIC for speaking

- Click an icon in a red square to display make and receive calls
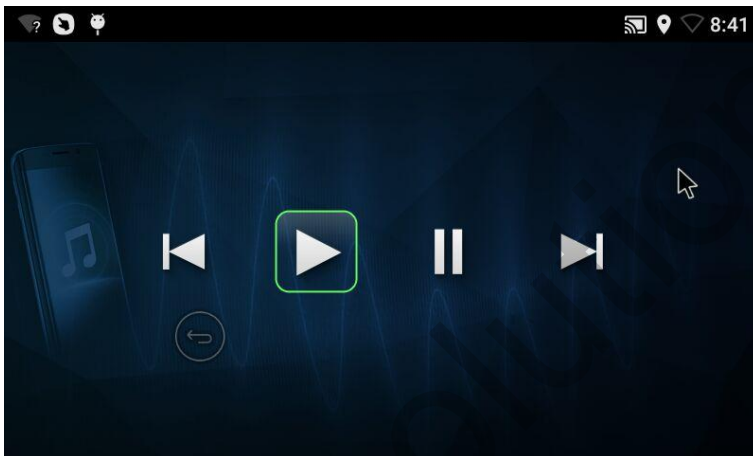
4. How to use

4.4 Bluetooth function

※ Make sure that the smartphone and QROI2 are connected via Bluetooth to enjoy features

3) A2DP Function

• Run QA2DP on the app list

• QROI2 bluetooth allows you to listen to music via AUX,SPK

4. How to use

4.5 Video Function

※ Enjoy the image/video by connecting CVBS cable between QROI2 and the external device

- Run QA2DP on the app list

- It will play the image/video once CVBS cables between QROI2 and the external device are connected
  (For example : Rear camera, Dashcam, movie and etc)
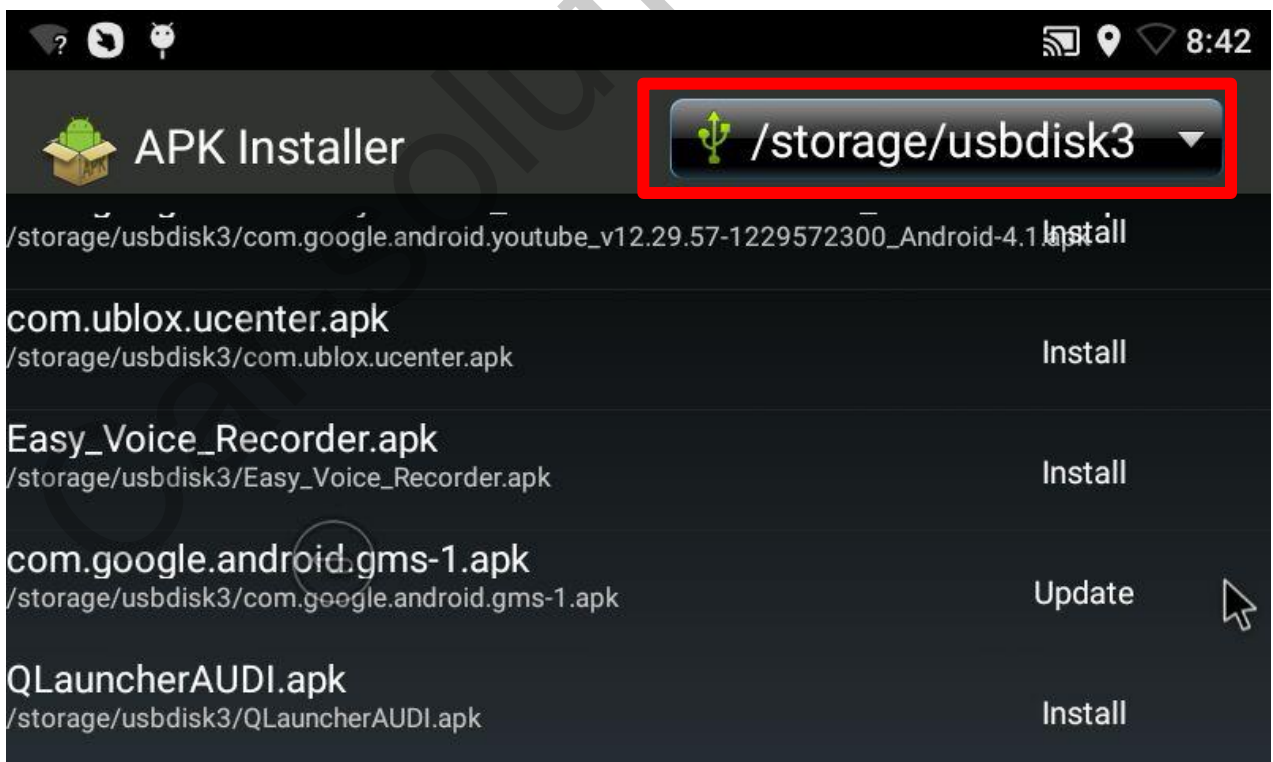
4. How to use

4.6 User APK Installer

※ Able to install APK by connecting USB stick

• Run QApkInstaller on the app list

• Copy and paste APK file to USB stick and connect USB stick to QROI2
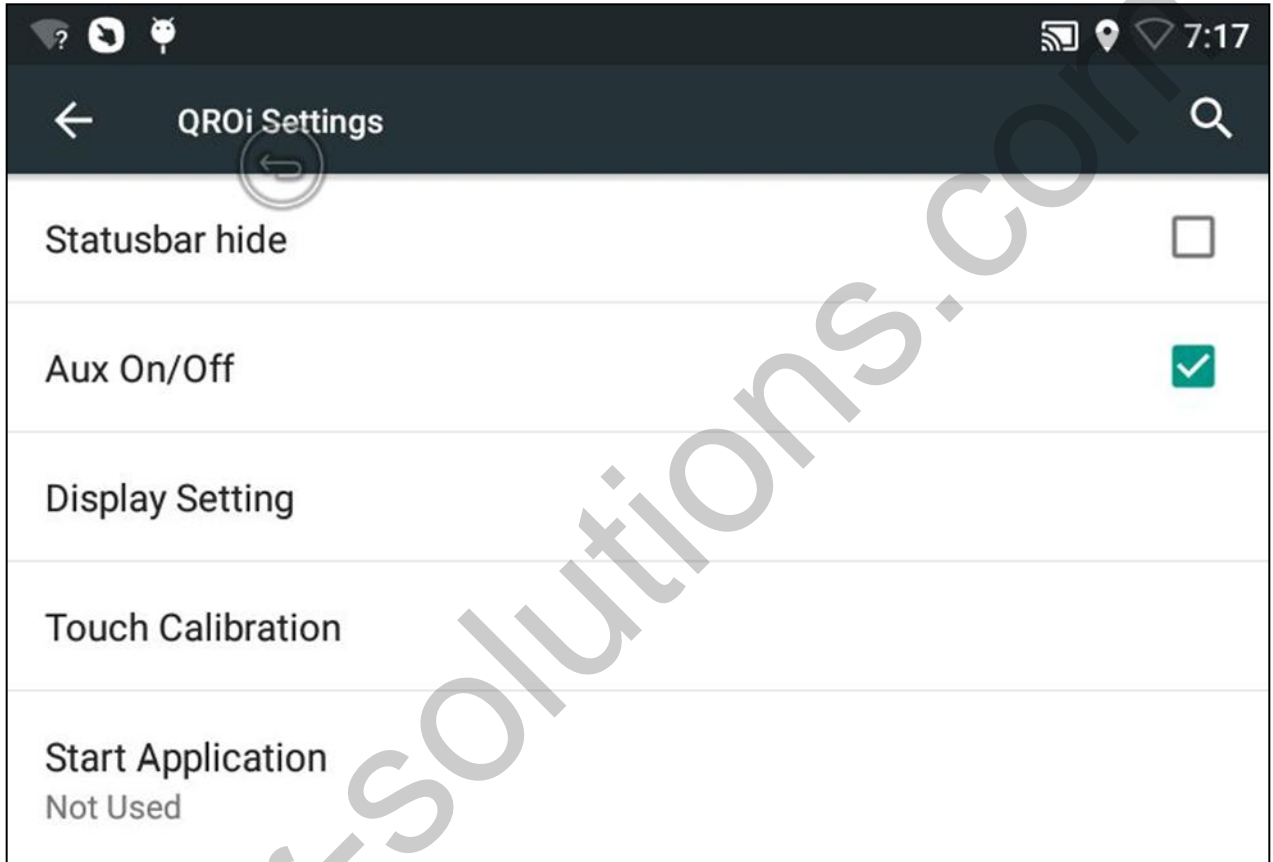(Caution: connect USB stick to USB #3#4)

• Select the external USB stick driver in a red square and APK files will be appeared

5. Setting

5.1 QROI2 SETTINGS

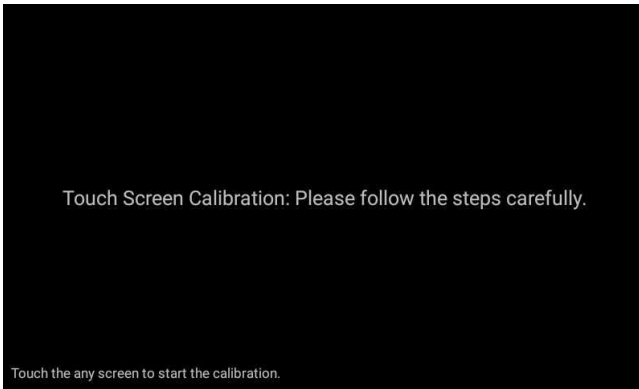⚙ Setting ▶ QROI2 Settings

- Status bar hide   : Choose to display/hide Status bar

- AUX On/OFF   : Choose to turn AUX On/Off

- Display Setting   : Able to adjust display setting such as position,
                           Brightness, Size and etc
                          (This setting applies to RGB mode only,
                           HDMI and CVBS are not supported)

- Touch Calibration   : Calibrate the resistive touch

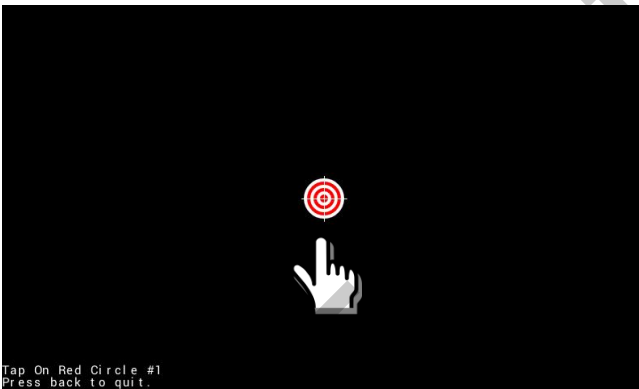- Start Application   : Able to select the start program after booting
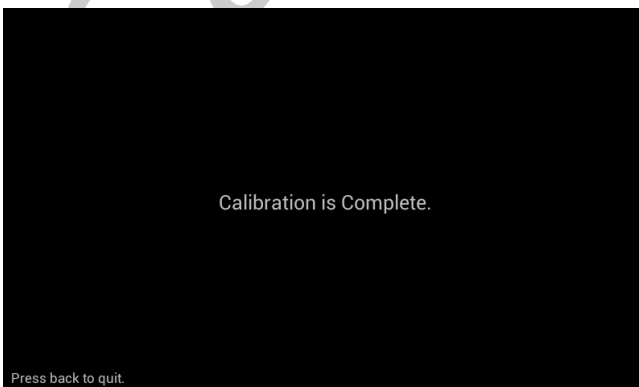
5. Setting

5.2 Touch Calibration

⚙ Setting ▶ QROI2 Settings ▶ Touch Calibration
or press the mode button for 5 seconds

Touch Screen Calibration: Please follow the steps carefully.

Touch the any screen to start the calibration.

• First image when starting
  the touch calibration

Tap On Red Circle #1
Press back to quit.

• Press each target point by a finger

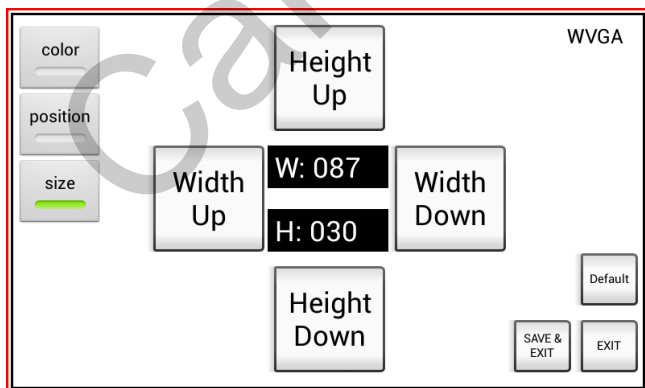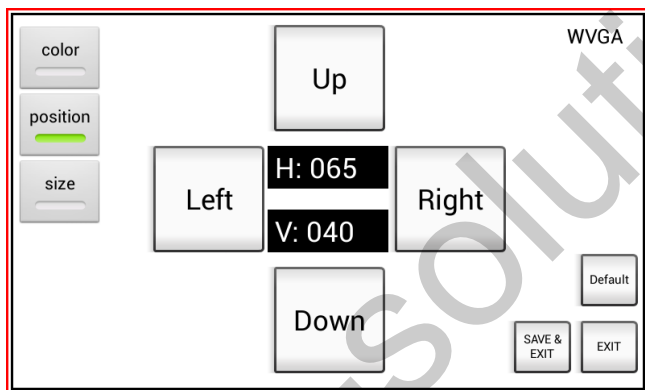Calibration is Complete.

Press back to quit.

• Completed

5. Setting

5.3 Display setting

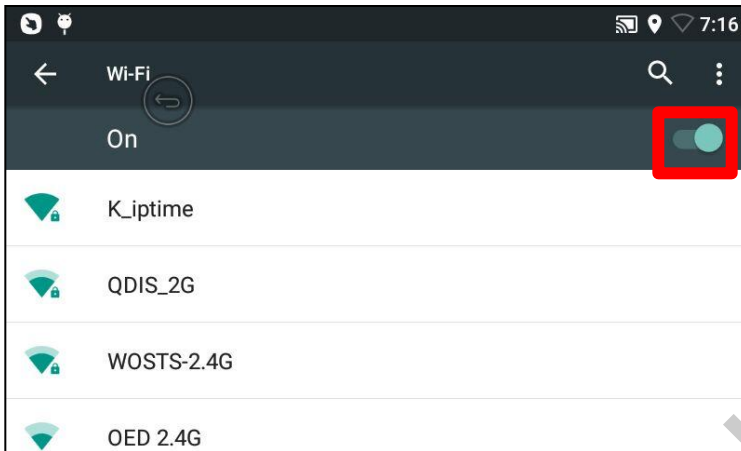⚙ setting ▶ QROI2 Settings ▶ Display setting

☞ Make sure to press "Save&Exit" button after changing display settings
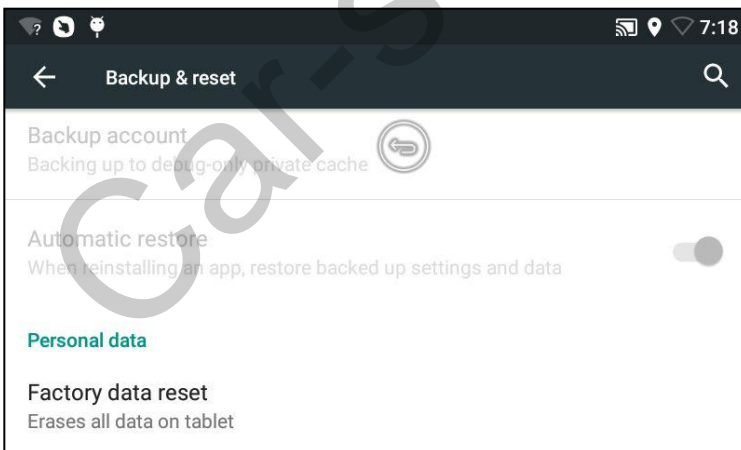
5. Setting

5.4 Wi-Fi setting

⚙ Setting ▶ Wi-Fi

- Able to turn Wifi On/Off by pressing the button in a red square
- While Wi-Fi is on, it will search and display the possible connection
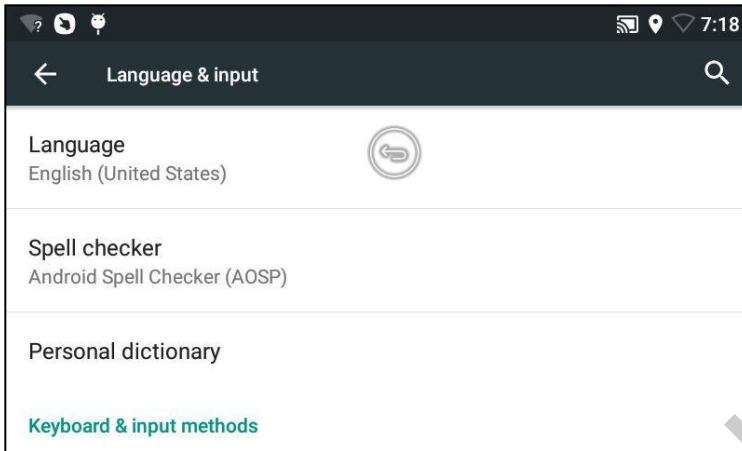
5.5 Factory reset

⚙ Setting▶ Backup & reset

- Press Factory data reset to do a factory reset
  (Caution : all data and apps will be deleted)
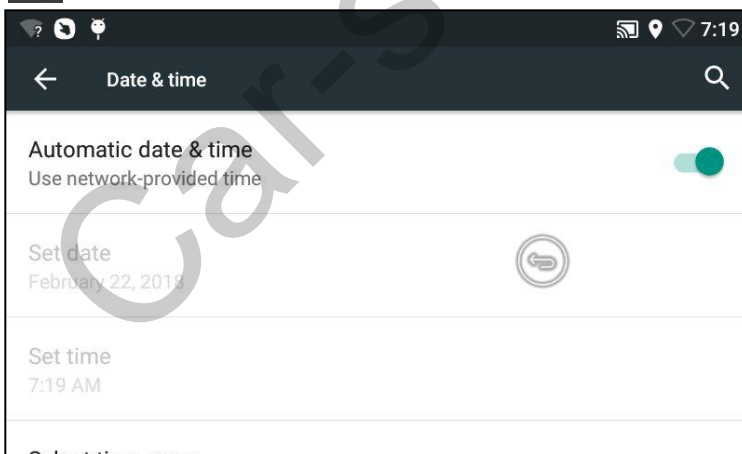
5. Setting

5.6 Language setting

⚙️ **Setting ▶ Language & Input**

Click Language to select the different language

5.7 Time setting
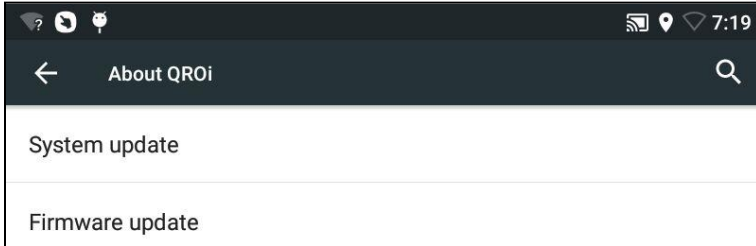
⚙️ **Setting ▶ Date & time**

- It automatically sets the time if GPS or Wi-Fi network is connected
- If the time is not correct, turn off Automatic data&time and set the time manually

5. Setting

5.8 System update

⚙ Setting ▶ About QROI2

- Copy and paste APK file to USB stick and connect USB stick to QROI2
  (Caution: connect USB stick to USB #3#4)

- Make sure to change the file name as below. Otherwise ,it won't start
  Once the update is completed, it will be automatically rebooted

  System update   : update.zip
  Firmware update   : FW.qvl

- Build number shows F/W Version and Build number after the update

6. Quality Warranty

This product has been tested under the strict quality control and it passed the test. If the product fails to work within one year because of manufacturer's fault, the repair service will be provided for free. In this case, please bring this note to the place where you purchased for the repair service
If this warranty is not presented, the cost of repair will be charge to customers. Please keep this warranty note.

Warranty			
Product name	Q-ROI2 RGB		
Warranty period	1 year	Purchase date (yy/mm/dd)	
Customer	Address		
	TEL		
	Name		
Dealer	Address		
	Name		