

Operation Description



Rearview Monitor
Model : RVM-804

2.Components of the product



①Touch Screen

- By touching one of the small picture during multi screen mode, the concerning small picture will be enlarged into full screen mode.
- By touching the screen it is possible to control the equipment or to change the settings.

②Power On/Off

- Press the power button for 0.5 seconds to turn on the screen.
- Press the power button for 0.5 seconds to turn on the screen when it is turned on.

③illuminance sensor

- Behind this window a sensor detects the actual light conditions in the area around the screen. When activated via the menu settings, this sensor automatically controls the brightness of the screen. (Day/Night control)



④ Bluetooth phone menu On/Off

- Bluetooth phone menu screen appears when you touch the button.

⑤ LCD Display On/Off

- Lcd screen appears when you touch the button.

⑥ Split Screen

- A split screen appears.

⑦ Menu Button

- The main menu appears.

Rear Panel



① Power Input

- Connect the power cable. (VCC/GND/TRG1~TRG5/Speed SW)

② Camera Input

- Connect the camera cable. (Cam1 ~ Cam4)

③ AUX In

- AUX in 2 port

④ Ext. MIC / Speaker

- Connect an external mic and speaker..

Components

- Please check that you have the correct contents before using this Product.
- If any items are missing, please contact your dealer.



Top Case



Bottom Case



Manual

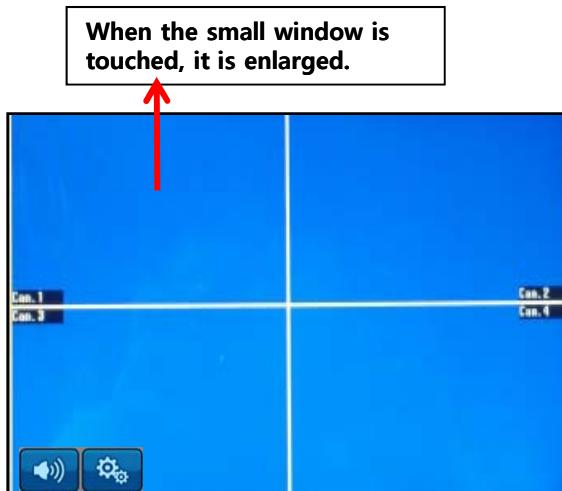


Power + Camera Cable

3. How to use the product

Start screen

- When the booting is ready, the multi screen as below will be displayed

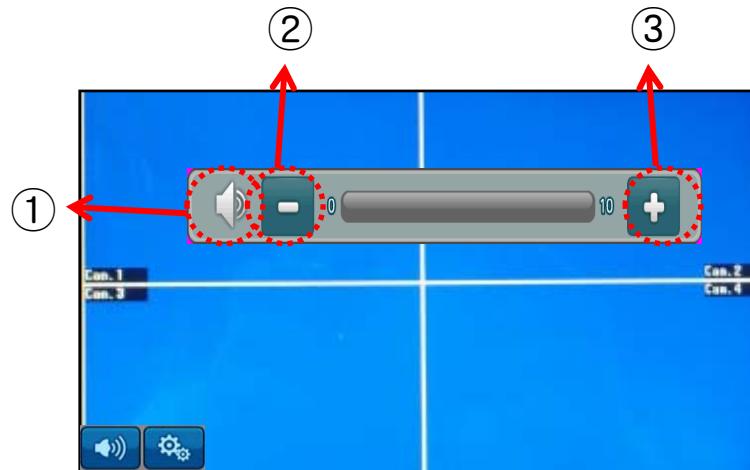


- When the small window on the multi screen are touched, the channel is enlarged into full screen mode. One more touch returns it back to the multi screen mode.

- : Adjust the volume of the speaker.
- : Setting menu.

Volume Control

●  Press the button to display volume Pop-up.



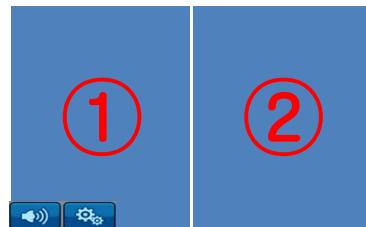
- ① Press the button to mute.
- ② Press the button to increase the volume.
- ③ Press the button to decrease the volume.

Multi screen

●  Press the multi screen button to divide the screen.



Press multi screen
Button once:
Cam1,Cam2



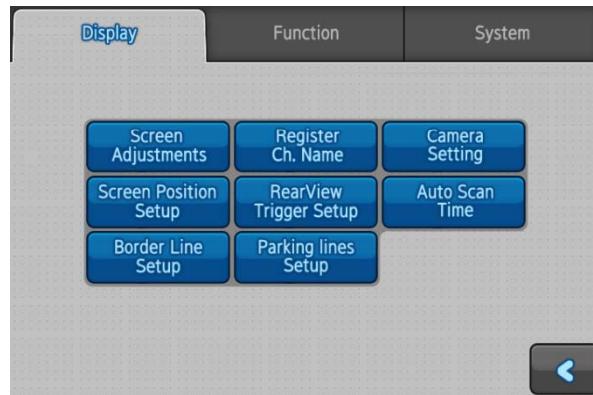
Press multi screen
Button 3 times:
Cam1,2,3,4



Press multi screen
button twice:
Cam3,Cam4

Setting Mode

-  Press the setting menu button to open the setting screen.



Screen Adjustments



- CAM : Adjust brightness of Camera input screen
- AUX : Adjust brightness of AUX screen

Display

Register
Ch. Name

Input the name into each channel.

Ch. Name Change		Display Ch. Name
Ch.1	<input type="text"/>	<input checked="" type="radio"/> On
Ch.2	<input type="text"/>	<input type="radio"/> Off
Ch.3	<input type="text"/>	
Ch.4	<input type="text"/>	

OK Cancel

Camera
Setting

	Mirror	Reverse	Shutter
Cam.1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cam.2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cam.3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cam.4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Yes No

- Mirror : Mirror image or normal image
- Reverse : Mirror image or reverse image
- Shutter : Enable to operate Shutter/Heater Camera

Display

Screen Position Setup

Setup screen position of each channel

Screen Position Setup			
Ch.1	<input type="radio"/> None <input checked="" type="radio"/> Cam.1 <input type="radio"/> Cam.3 <input type="radio"/> Aux1	Ch.2	<input checked="" type="radio"/> None <input type="radio"/> Cam.1 <input type="radio"/> Cam.3 <input type="radio"/> Aux1
Ch.3	<input type="radio"/> None <input type="radio"/> Cam.1 <input checked="" type="radio"/> Cam.3 <input type="radio"/> Aux1	Ch.4	<input type="radio"/> None <input type="radio"/> Cam.1 <input type="radio"/> Cam.3 <input checked="" type="radio"/> Cam.4

OK **Cancel**

※ Caution: Cam1 and AUX1 cannot be setup at the same time.

RearView Trigger Setup

Setup the screen on each trigger.

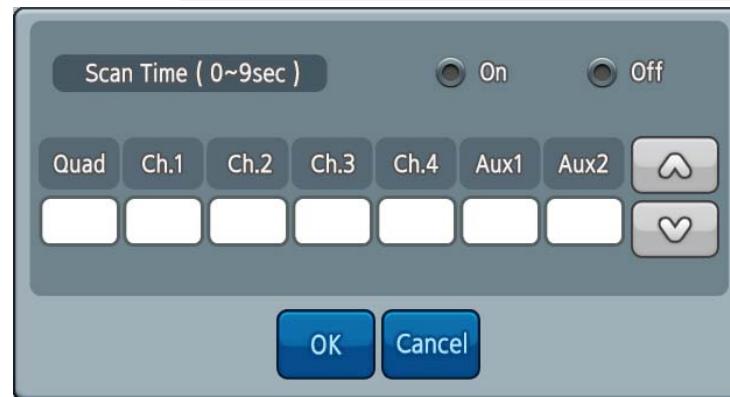
Trigger Settings			
Ch.1	<input type="radio"/> None <input checked="" type="radio"/> Cam.1 <input type="radio"/> Cam.3 <input type="radio"/> Aux1	Ch.2	<input checked="" type="radio"/> None <input type="radio"/> Cam.1 <input type="radio"/> Cam.3 <input type="radio"/> Aux1
Ch.3	<input type="radio"/> None <input type="radio"/> Cam.1 <input checked="" type="radio"/> Cam.3 <input type="radio"/> Aux1	Ch.4	<input type="radio"/> None <input type="radio"/> Cam.1 <input type="radio"/> Cam.3 <input checked="" type="radio"/> Cam.4

OK **Cancel**

Display

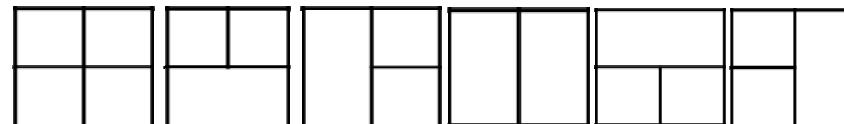
Auto Scan Time

Display the full screen according to each Channel setup when setting up On



Border Line Setup

Display the dividing lines of the screen



Display

Parking lines Setup

Adjust Parking line of each Trigger.

Display

Calibration

Thickness

Trig.1

Trig.2

Trig.3

Trig.4

Thin

Thick

OK

Cancel

Calibration

Trig.1

Front & Rear



OK Cancel

OK Cancel

100

100

1

Calibration

Page 3

Function

Auto Power

The screen is turned On automatically
When starting the vehicle

Auto Power

On Off

OK Cancel

전원 Off 전의 화면Mode로 On됩니다.

Dimmer

Automatic brightness adjustment by sensor
in the front housing

Dimmer

On Off

0 10

OK Cancel

Sensitivity of automatic brightness adjustment, level 0 to
10 controlled by actual light conditions (Day/Night)

Function

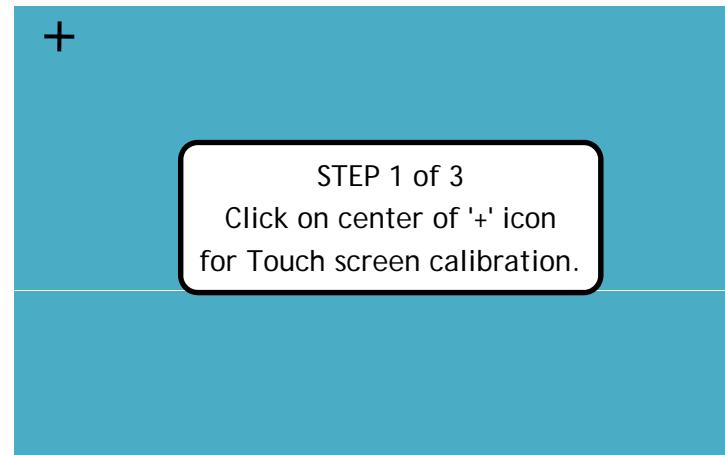
Trigger Delay Time

Keep Trigger activated during setup time after Trigger off in order to bridge temporary powerloss, e.g. from vehicle's turnlight signal



Touch Calibration

Re-adjust center Point of Touch panel



Function

Speed Switch Setup

Detect speed of a vehicle from 10 to 200Hz

Speed Switch

- On
- Off

Frequency (10~200 Hz)



OK

Cancel

Speed Switch Display

To switch automatically into the screen ON mode, by detecting a speed signal (tacho signal)

Under Freq.

- Normal
- Cam.1
- Cam.2
- Cam.3
- Cam.4
- Aux1

Over Freq.

-
-
-
-
-
-

Over Freq. Display

- LCD On
- LCD Off

OK

Cancel

System

Menu Display Time

Set time displaying the Menu screen.

Menu Display Time

- On
- 3 sec
- 5 sec
- 10 sec
- 15 sec
- 1 min

OK

Cancel

Screen On Time

Set time displayed on the screen.

Screen On Time

- On
- 1 min
- 2 min
- 3 min
- 5 min
- 10 min

OK

Cancel

설정시간 동안 Touch등 Key 입력이 없으면 화면이 꺼집니다.

System

Menu Lock

Set a password to lock the Menu button.

Menu Lock

Set

New Password

OK

Cancel

Language

Support languages for each country. (Option)

Language Setting

- English
- Japanese
- Français
- Deutsch
- Chinese
- Italiano
- Español
- Korean
- Suomi

OK

Cancel

System

Factory Default

Initializing set points of Menu

Factory Default

Do you want to initialize?

Yes

No

Sys-Info.

Display Firmware Version and Model name

System Infomation

F/W
Version

V ..

Model

OK

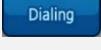
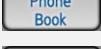
Bluetooth Phone

●  Press the button to start Bluetooth.

Screen of Bluetooth start



Start-up screen displays the Phone Book list of phone paired.

-  : Displays call lists during absence.
-  : Displays phone call lists received.
-  : Displays phone call lists sent.
-  : Use for making a call dialing numbers.
-  : Displays a Phonebook list.
-  : Setup of Bluetooth.
-  : Finishes Bluetooth.

Bluetooth Phone

- Enter the Pairing Mode for Paring with Bluetooth by pressing the **Setup** button



1. Pairing mode is set by pressing the **Pairing** button.
2. Connect Bluetooth to a cell phone you want searching Bluetooth device.(Enter the Pin code depending on type of cell phones)
3. Message is displayed when it is connected as below.



4. Return to the start-up screen of Bluetooth by pressing the **<** button.

Bluetooth Phone

- **Paired device** : Displays devices Paired.



- * Display devices paired up to 8 devices
- Displays devices paired
 - Deletes devices connected by the button
 - Connects devices by pressing the button
 - Deletes all devices by pressing the button

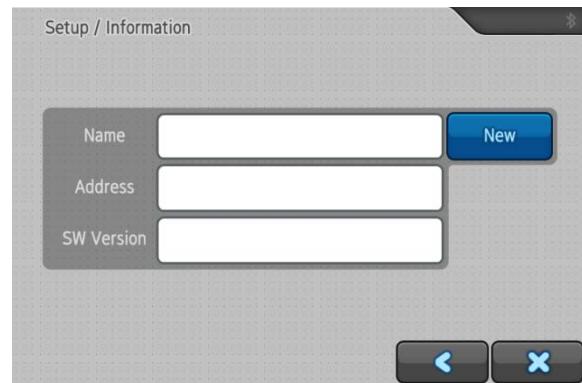
< Devices paired are connected automatically in order >

Bluetooth Phone

- **Auto Answer** :Connection automatically when receiving a call



- **Information** :Incoming call automatically after a set time when receiving a call from the set on the state.



- Name : Phone on display during Pairing is the name of that instrument.
- Address : Bluetooth Address.
- Bluetooth Soft ware Version is displayed.

Bluetooth Phone

- Down load phonebook list after pairing succeed.



- Call after press the number in the list.



4. Installation

6. Specification

- LCD : Built in 8" TFT LCD (WVGA 800x480, with Touch Panel)
- Camera : 4Ch input (1 Vp-p, 75Ω) /NTSC, PAL (Video & Audio)
- Audio Output 1Ch
- AUX1, AUX2
- Trigger 5 input (Cable Input : 12 ~ 24V)
- ALS Sensor (Night & Daytime Brightness detection)
- Power : 24Vdc
- Operating Temp. : -20'C ~ 55'C
- Storage Temp. : -30'C ~ 85'C
- Dimensions (W x H x D) : 218mm x 150mm x 59mm
- Weight : 1775g