RESPONSE

2.4GHz Digital Wireless
4.3" Reversing Camera Kit

User Manual
QM-3840

Box Contents:

1 x 4.3" Monitor

1 x Wireless Camera

1 x Suction Mount

1 x Cigarette Lighter Power Adaptor

Product Diagram:

Power/Enter

Menu/Return

Up/Channel

Down

Guide Line

Menu/Return	Press to show the menu or return to the previous menu
Up/Channel	Press to select up in the menu or select CAM1 or CAM2 in backing screen
Power/Enter	Press to turn the unit on or to enter within the menu; Hold for 2 seconds to turn the unit off
Down	Press to select down in the menu; Hold for 5 seconds to clear pairing when the menu is not displayed
Guide Line	Displays the backup guideline

Installation:

Monitor:

Positioning the Monitor:

1. Place the 4.3" monitor in the included bracket securely.
2. Connect the monitor bracket to the suction cup mount.
3. Position the suction cup on your windscreen or dash and make sure that it doesn't obstruct your view while driving.
4. Once the suction cup is placed in your desired location, press down the lock on the suction up to fix securely in place.
5. Adjust the lock nuts for both tilt and swivel as shown in the picture below to get your desired view:

Please Note: Ensure that the surface area of the suction cup is placed on a clean flat surface otherwise the suction cup may fall off.

Connecting the Monitor:

1. Plug the cigarette lighter power adaptor in to the 12 or 24VDC cigarette lighter socket of your vehicle.
2. Plug the DC plug of the cigarette lighter power adaptor in to the DC socket of the 4.3" monitor.
3. Once the power is connected, the blue LED indicator will turn on.

Please Note: If there is no signal, the blue LED indicator and the monitor will turn off automatically.

Camera:

Positioning the Camera:

1. Place the wireless camera on the license plate or rear of the vehicle using screws or the 3M tape to securely fix in place.
2. Depending on where your camera is positioned; adjust the tilt accordingly to obtain the best view.

Please Note: The camera has inbuilt infrared LEDs, these will automatically turn on when there is insufficient light

Wiring the Camera:

1. Connect the wires of the camera to an 10-30VDC power source of your vehicle.
2. Ensure you have connected the camera wiring by the correct polarity which is RED (+Positive) and BLACK (-Negative).
3. If you are using this device as a reversing camera; connect the camera to the tail/ reversing lights so the camera is automatically switched on once you place your vehicle in reverse.
4. If you are using this device for observation purposes; connect the camera to a constant power source such as your interior lights so that the camera will automatically turn on once your vehicle has started up.

Please Note: Ensure the camera is connected to an 10-30VDC source otherwise it may damage the camera. If you are unsure how to wire the camera correctly, please consult an auto electrician.

Operation:

Pairing:

The reversing camera is already pre-paired with the monitor by default. If you need to pair the unit again or need to apply a second camera to the monitor; then please complete the following procedure:

1. Press the MENU button to enter the main menu. Press Up or Down button to select SETUP.

2. Press the Power / Enter button to enter the pairing menu.

3. Press Up or Down button to select Channel 1 or Channel 2 for pairing, press Enter button to pair. When ⏳ **PAIRING** appears, hold the pairing button located at the bottom of the camera. The pairing now should begin automatically.

4. After the pairing is successful, you should see "OK" displayed as .

5. Press the MENU / RETURN button to exit to the main menu.

Please Note: If the pairing is unsuccessful, please repeat the procedure again. If connecting with one of two cameras; they can be both paired simultaneously or individually.

Clear Pairing:
Hold Down button for 20 seconds to clear pairing for two channels.

Master Camera Selection:
Channel 1 or Channel 2 can be selected as the master camera which will be displayed on the power-on screen.

In SETUP menu, select icon of MASTER, and press Enter button to enter camera selection.

Select Camera 1 or Camera 2, and hold Enter button until appears, which indicates Camera 2 has been defined as master camera.

Mirror/Rotate:

Mirror/Rotate is to mirror or rotate display screen to adapt to installation direction of the camera; each channel allows Mirror/Rotate separately. In main menu, select icon, press Enter button to select the camera to Mirror/Rotate, select CAM1 or CAM2, press Enter button to enter the Mirror / Rotate state, and when the icon of displays on the screen, press Enter button to select an appropriate display direction.

Screen Display Settings:

The display screen can be adjusted if the environment is too bright or too dark, and the camera of each channel can be adjusted separately. In main menu, select icon of PICTURE, press Enter button to enter, and select the camera to adjust.

Press Up or Down key to select CAM1 or CAM2, and press Enter button to enter brightness, contrast and color adjustment.

A. Brightness adjustment: Select icon of brightness, press Enter button to enter, and press Up or Down key to adjust.

B. Contrast adjustment: Select icon of contrast, press Enter button to enter, and press Up or Down key to adjust.

C. Color adjustment: Select icon of color, press Enter button to enter, press Up or Down key to adjust.

Version:

In main menu, select icon, press Enter button to enter and view software version information of the monitor and camera.

Screen Instructions:
a. The blue letter "C1" or "C2" on top of the screen indicates the currently displayed screen, CAM1 or CAM2.
b. signal strength indicator
c. screen is in Mirror/Rotate state
d. The following icon flashing on the screen indicates that the current signal is too weak or 2.4G signal is disconnected.

Troubleshooting:

Problem	Solution
Monitor Won't Turn On	Check the monitor cigarette power socket is connected
	Check if the cigarette socket of your vehicle is 10-30VDC
	Check the fuse of your cigarette light power adaptor
Monitor & Camera Not Pairing	Check to see if the camera is connected to 10-30VDC power
	Check the polarity (positive & negative) of the camera wiring is correct
	Reduce the distance between the camera and monitor when pairing first
Intermittent Signal	Check the antenna's on both the camera and monitor to see if they are secure
	Distance of the camera and monitor is too far, please reduce the distance.
	Pair the camera and monitor again

Safety Instructions:

- Ensure the camera and monitor are connected to an 10-30VDC source only otherwise it may damage the unit.
- Ensure correct polarity of the camera wiring otherwise may result in damage to the unit.
- Clean this unit only with a microfiber cloth, cleaning with water may damage the unit.
- Ensure all power sources are isolated before installation.
- Ensure the camera wiring is insulated correctly otherwise it may disconnect.
- If you are unsure on how to install this reversing camera kit, refer to an auto electrician.

Specifications:

Monitor:

Frequency:	2.4GHz Digital
LCD:	4.3"
Resolution:	480 x 272
Range:	Up to 50m
Voltage Input:	10-30VDC
Current Consumption:	Up to 180mA
Dimensions:	127(L) x 82(H) x 17(D)mm

Camera:

Frequency:	2.4GHz Digital
Resolution:	640 x 480
Image Sensor:	1/4" CMOS
Lens Angle:	105°
Infrared LEDs:	6
IP Rating:	IP65
Voltage Input:	10-30VDC
Current Consumption:	Up to 240mA
Dimensions:	84(W) x 42(H) x 36(D)mm