KIT WIRELESS

USER MANUAL

RMW704KR-SIDE

7-inch monitor kit + wireless rear view camera

MACROM

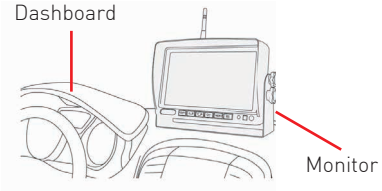
Installation

- Before completing the installation, temporarly connect the wiring and make sure it works properly.
- Use only the parts included with the unit to ensure proper installation. Using parts not included in the package may cause malfunctions.
- This product must be installed by an authorized reseller to qualify for warranty.
- Install the unit in a location that cannot harm the driver or passenger to avoid collusion in the event of a sudden stop, such as an emergency stop.
- Avoid installing the unit in places subject to high temperatures, such as direct su light, hot air, or where it would be subject to dust dirt or excessive vibration.
- Be sure to remove the front protective film after installing the unit.

Monitor installation

Choose the position of the monitor in the vehicle so that it does not block your view and complies with local laws for safe driving.

Note:
Before drilling the holes in the dashboard necessary for fixing the U-shaped support, make sure that there are no impediments such as ventilation pipes underneath or electrical wiring.



Camera installation

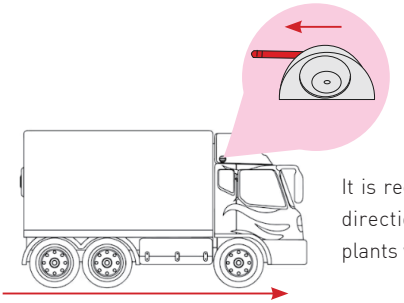
Choose the position of the camera on the vehicle and before drilling the holes in the frame necessary for fixing the base, make sure that there are no impediments underneath such as pipes or electrical wiring.

Video camera orientation

Before proceeding with the installation it is necessary to determine the camera's viewing angle. Place the product in the desired location and orient the lens so that the image is correct on the screen.

Using a screwdriver, loosen the 6 screws and orient the lens. Then tighten the screws and fix the product on the chosen surface.

Note: Do not use the WiFi antenna to rotate the lens.

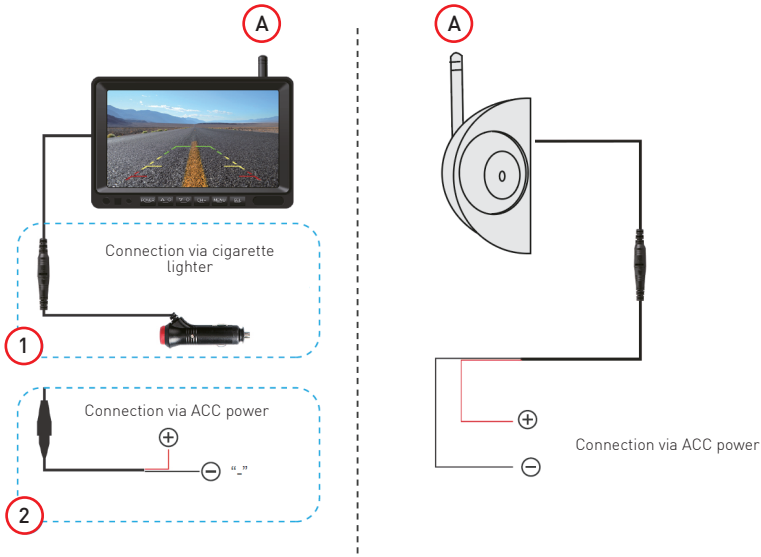


It is recommended to position the WiFi antenna in the opposite direction of the vehicle. Pay attention to the branches of the plants when moving.

Connections

Wifi Antennas

1. Connect the Wifi antenna(A), 2.4Ghz.

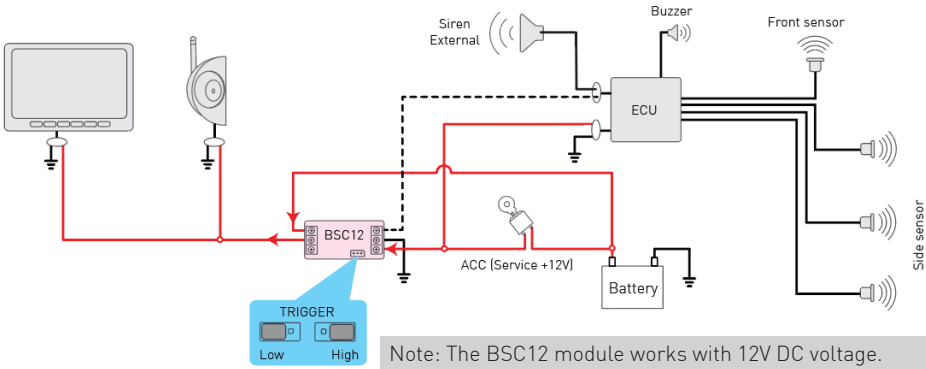


Power suppl

1. Connect the monitor and camera harness to your vehicle's ignition service.
2. Make sure there is a 10 Ampere protection fuse.

BSC12 connections

Relay module to which it is possible to connect a blind spot detection system (Blind Spot) which automatically activates the vision of the video system when an alarm is detected.



Note: The BSC12 module works with 12V DC voltage.

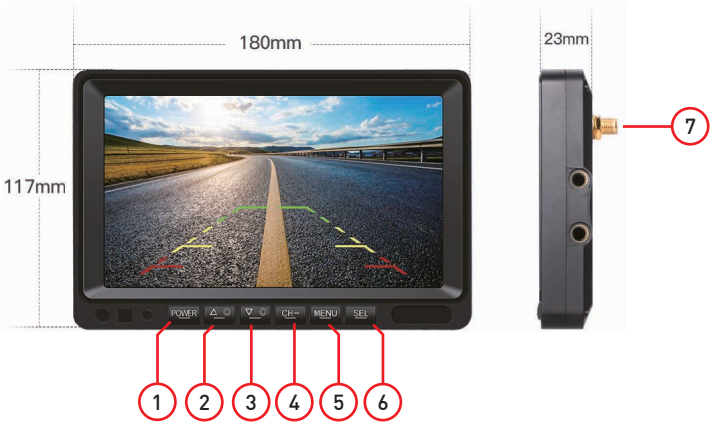
TRIGGER

The BSC12 module provides a multiple trigger, allowing you to combine Blind Spot systems using the output dedicated to the external acoustic warning.

- **Low** (negative consensus)
  To be used if the horn output has a signal referring to GND (negative)
- **High** (positive consensus)
  To be used if the horn output has a +12V reference signal. (positive)

Product overview

Front panel



Warning:
The images in this manual are indicative only and may differ from the actual product. Please refer to the actual device unit.

1. Power key (On/Off)
2. Key Previous
3. Key Next
4. Rear view camera channel selection key
5. Menu key
6. SEL / Record & Stop key
7. Wifi antennas

Videocamera laterale

1. Wi-Fi antenna
2. Camera body screws
3. Power connector

Using a screwdriver, loosen the 6 screws and orient the lens. Then tighten the screws and fix the product on the chosen surface.

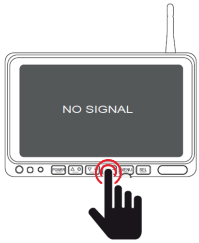
Note: Do not use the WiFi antenna to rotate the lens.

Rear view camera pairing

Important

Before proceeding with the use of the monitor it is necessary to pair a rear view camera using the pairing function.

1. Using the key (CH) select the channel to which you want to connect the camera.



2. Enter the menu and select PAIRING to pair. Press the SEL key to confirm the procedure.

3.The monitor shows the pairing procedure via "countdown" on the screen

4. At the end, the image of the previously paired camera will be displayed.

NOTE:
If you need to pair more cameras, please repeat the above procedure again selecting the corresponding channel.

Video Recording / Playback

Insert an SD card

Using a Phillips screwdriver, open the SD card door on the back of the monitor and insert the SD card.
It is recommended to use a class 10 high-speed TF card (minimum) or higher. Maximum allowed capacity of 128Gb.

Recording mode

Before proceeding with the recording it is necessary to format the new SD card.

Select the Recording mode using the cursor **< / >** and confirm the "Format" selection by pressingthe SEL key. Confirm again to format the SD cards.
To make a recording, press the SEL key, a flashing red dot ● appears on the screen.
To end the recording, press SRL again.

Note:
The recording of the video signal relates only to the image of the camera/s displayed on the screen. If you want to make multiple recordings, you need to view multiple cameras on the screen at the same time so that the monitor can simultaneously record multiple channels.

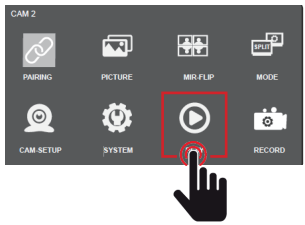
Circular Registration

If you want to overwrite the entries, you must activate the "Circular logging" function.

Select the Recording mode using the cursor **< / >** and confirm the selection "Circular recording" by pressing the SEL key and confirm again to activate the function.

Note:
When the function is active,the symbol appears on the screen which confirms the activation of the overwrite.

Video playback



If you want to view the recordings you need to access the Play function. The video list will be shown in sequence of date and time of recording.Nota:

Each recording segment has a maximum duration of 60 seconds.
Each file is approximately 4 megabits in size.

System settings

Image settings

Access the menu and select image using the cursor < / > and confirm the selection using the SEL key.
Select the Brightness / Contrast / Color functions using the cursor < / > and confirm your selection by pressing the SEL key.
Modify the desired value of the selected function and press menu to exit the configuration.

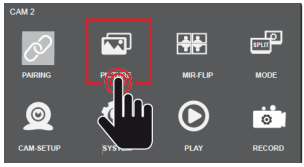
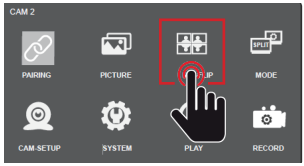


Image rotation

Enter the menu and select Mirrors using the cursor < / > and confirm the selection using the SEL key.
Select the rotation of the desired image using the cursor < / > and confirm the selection by pressing the SEL key.
Press menu to exit setup.



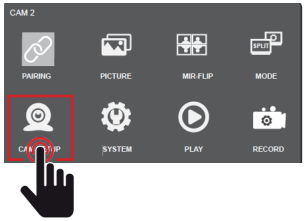
Split mode setting

Enter the menu and select Mode using the cursor < / > and confirm the selection using the SEL key
Select the viewing mode of the screen with the images you wish to view using the cursor < / > and confirm your selection by pressing the SEL key.
Press menu to exit setup.

Camera setting

Enter the menu and select Camera using the cursor < / > and confirm the selection using the SEL key.
Select the number of the connected camera using the cursor < / > and confirm the On/Off selection by pressing the SEL key
Press menu to exit setup.

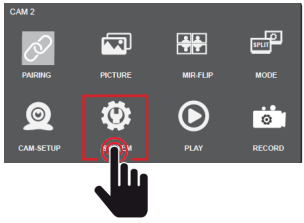
Note: it is possible to set the automatic rotation cycle of the display (1-2-3-4) and the desired time.



System setup

Access the system settings and select image using the cursor < / > and confirm the selection using the SEL key.
Select the functions: Date-Time / Language / Trigger / Guidelines / System Reset using the cursor < / > and confirm your selection by pressing the SEL key.
Modify the desired value of the function select and press menu to exit the configuration.

Note: it is possible to set the automatic rotation cycle of the display (1-2-3-4) and the desired time.



Specifications

Monitor

Screen	7'' AHD IPS
Resolution	1024xRGB*600P
Contrast	500:1
Power Supply	DC12V-36V
Maximum current level	10A
System	PAL/NTSC (AUTO)
Connection	WiFi

Registration

Way	QUAD-Vision 4 rear camera
Video	Mp4
Images	JPG

Support

Typology	Full SD HC/XC
Maximum capacity	128Gb
Speed	Classe 10 (minimum)
Bus SD	UHS-I
Categories	High Endurance

Note:
The Endurance category guarantees a greater amount of overwriting than traditional SD.

WiFi

Integrated Wi-Fi	2.4G wireless
Network range	2403-2480MHz
Distance	≤ 200m in open field

Camera

Sensor	1/3'' AHD
Resolution	1280*720P
Viewing angle	110°[H] 140°[D]
Waterproof	IP68
Night lighting	IR (infrared)
Night vision distance	5 meters

BSC12

Coil power supply	DC12V
Trigger	Low / High
Contatc	N/A
Maximum current	10A

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