

KIT WIRELESS

USER MANUAL

KIT7504AR

7-inch Quad Vision Monitor Kit + Recording + Wired Camera in AHD



MACROM

Installation

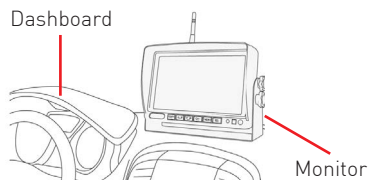
- Before completing the installation, temporarily connect the wiring and ensure that it is functioning correctly.
- Only use the parts included in the unit to ensure proper installation.
The use of parts not included in the package may cause malfunctions.
- This product must be installed by an authorised dealer in order to be covered by the warranty.
- Install the unit in a position that will not harm the driver or passenger in order to avoid collisions in the event of a sudden stop, such as an emergency stop.
- Avoid installing the unit in locations subject to high temperatures, such as direct sunlight, hot air, or where it would be subject to dust or excessive vibration.
- Be sure to remove the front protective film after installing the unit.

Monitor installation

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

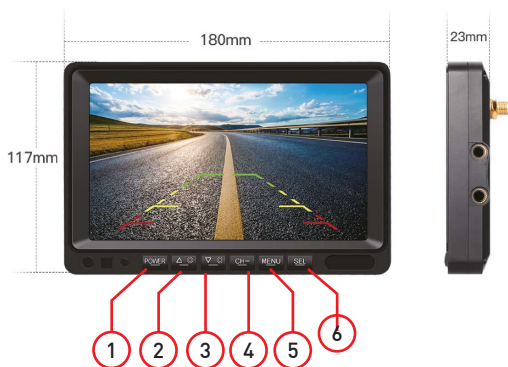
Note:

Before drilling holes in the dashboard necessary for attaching the U-bracket, make sure there are no obstructions such as ventilation pipes underneath or electrical wiring.



Product overview

Front view monitor



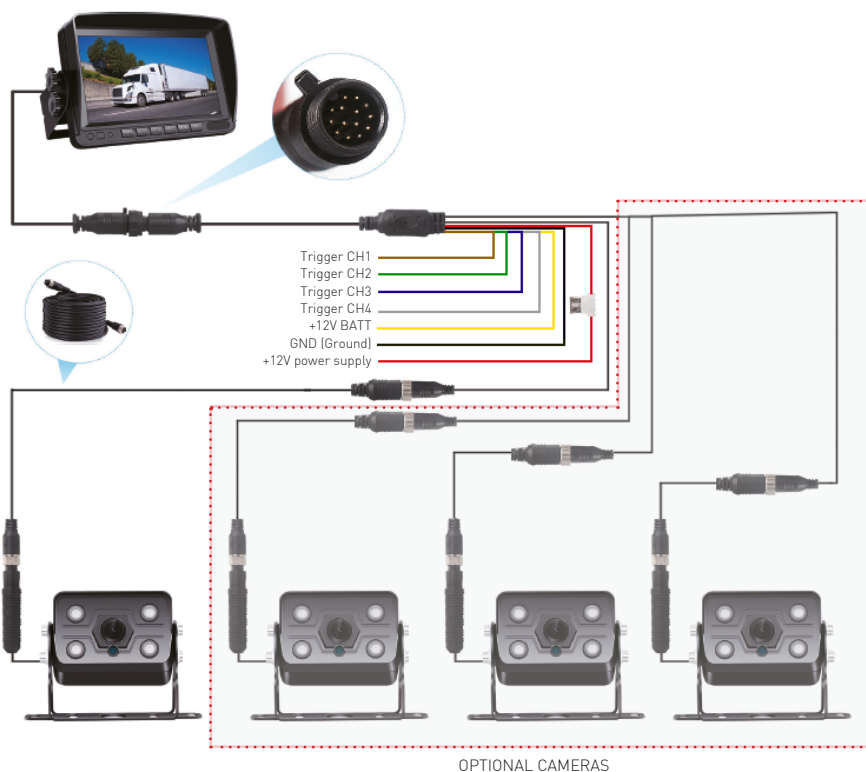
Warning:

The images in this manual are for illustrative purposes only and may differ from the actual product. Please refer to the actual device unit.

1. Power button (On/Off)
2. Previous button
3. Next button
4. Rear camera channel selection button
5. Menu button
6. SEL/Record & Stop button

Connections

Connections Diagram



Connections

1. Connect the monitor wiring to the +12V Battery, GND (chassis ground) and Vehicle Ignition.
2. Trigger (1-2-3-4) if there are multiple cameras, you can give priority to the desired camera by replacing the previous image.

CH1- Activation of channel 1 dedicated to the front camera

CH2- Activation of channel 2 dedicated to the rear camera with the possibility of viewing guidelines

CH3- Activation of channel 3 dedicated to the left side camera

CH4- Activation of channel 4 dedicated to the right side camera

Connections:

CH1- High beam headlights

CH2- Reversing light

CH3- Left indicator

CH4- Right indicator

Note: Triggers can be activated with a positive +12V consent

System settings

Date and time

Access the menu, select Date & Time, and press SEL to start the settings.

Use the < / > cursors to change the Year, Month and Days, Hours, Minutes, and Seconds.

Press SEL again to advance and confirm the settings.

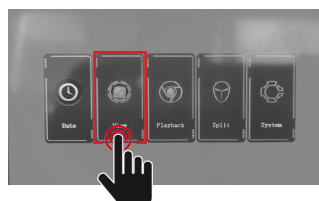


Image settings

Access the menu and select View using the < / > cursor and confirm your selection using the SEL button.

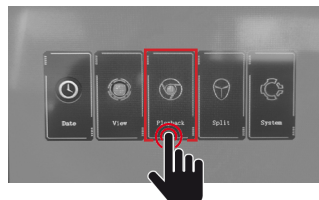
Select the Brightness / Contrast / Colour / Hue functions using the < / > cursor and confirm your selection by pressing the SEL button.

Change the desired value of the selected function and press menu to exit the configuration.



Video playback

If you wish to view the recordings, you must access the Play function. The list of videos will be shown in sequence by date and time of recording.

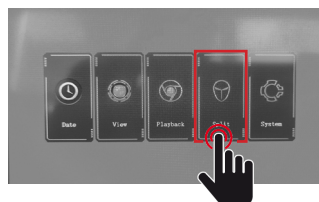


Splitting mode settings

Access the menu and select Mode using the cursor < / > and confirm your selection using the SEL button.

Select the screen viewing mode with the images you wish to view using the cursor < / > and confirm your selection by pressing the SEL button.

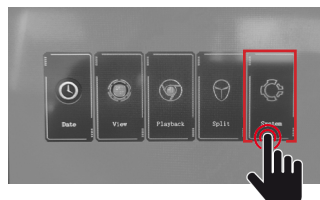
Press menu to exit the configuration.



System settings

System

Access the system settings and select image using the cursor
< / > and confirm your selection using the SEL button.



- Guidelines
 - Activate and deactivate guidelines on channel 2 for parking assistance.
 - OFF (Guidelines disabled)
 - Mode 1 (Guidelines enabled with narrow angle)
 - Mode 2 (Guidelines enabled with medium angle)
 - Mode 3 (Guidelines enabled with wide angle)

After Delay

- OFF (Delay disabled)
- 3 s (Delay active + 3 seconds)
- 6 s (Delay active + 6 seconds)
- 9 s (Delay active + 9 seconds)

- Languages
 - Allows you to select the desired language for the system settings.

- Image rotation
 - If necessary, you can rotate the image view by up to 360°.
 - Normal
 - Right → Left
 - Flip Bottom → Top
 - Flip Top → Bottom

- Image Resolution
 - Depending on the camera used, you can change the video resolution.
 - 1080P (Factory setting)
 - 720P
 - PAL
 - NTSC

- Device Software Version

- Recording
 - Determine the recording time of video files.
 - 1 minute
 - 3 minutes

- Date and Time Setting

- SD Card Formatting
 - We recommend formatting the SD card before recording video files.

- Factory Settings
 - Restores the device to its factory settings.

- Mirror Image
 - If necessary, you can change the mirror image view independently for each individual channel.
 - Front (On/Off)
 - Rear (On/Off)
 - Left (On/Off)
 - Right (On/Off)

- Automatic brightness adjustment
 - Allows you to reduce the screen intensity according to the brightness inside the vehicle.

Video recording/playback

Inserting an SD card

Using a Phillips screwdriver, open the SD card door on the back of the monitor and insert the SD card.

We recommend using a high-speed Class 10 (minimum) TF card or higher. Maximum capacity allowed is 128 GB.



Recording mode

Before recording, you must format the new SD card. (See system menu)

To start recording, press the SEL button. A flashing red dot will appear on the screen.
To stop recording, press SEL again.



Note:

The video signal is recorded from ALL camera inputs, even if they are not connected.

Video playback

To view recordings, you need to access the Playback function.
Select the desired channel and the list of videos will be displayed in sequence by date and time of recording.

Press SEL to access the sequence of available videos and use the ← / → cursor to select the desired file. Confirm your selection with the SEL button to start video playback.

Press SEL to activate Pause or Playback.

Specifications

Monitor	
Screen	7" AHD IPS
Resolution	1024xRGB*600P
Contrast	500:1
Power supply	DC12V-36V
Maximum current level	1A
System.....	1080P/720P/PAL/NTSC (AUTO)
Connection	4-channel wired

Recording	
Mode.....	QUAD-Vision 4 rear camera
Video	MOV

Support	
Type	Full SD HC/XC
Maximum capacity	128Gb
Speed.....	Class 10 (minimum)
SD bus	UHS-I
Category	High Endurance

Note:

The Endurance category guarantees a greater number of overwrites than traditional SD cards.

Camera	
Sensor	1/3" AHD
Resolution	1280*720P
Viewing angle	110°[H] 140°[D]
Waterproofing	IP68
Night lighting	IR (infrared)
Power supply	DC12V-36V
Night vision distance	5 metres
Extension.....	15 metres

Declaration of Conformity



The manufacturer G.M.A. Italia s.r.l declares that the KIT7504AR equipment, consisting of the **CAM705** wireless rear view camera and **M7004AR** LCD monitor, both manufactured by Macrom, complies with Directive 2014/53/EU.

The full text of the EU Declaration of Conformity is available at the following Internet address:
www.macrom.it or at

G.M.A.Italia s.r.l via G. Di Vittorio 7/33 - 20017 - Rho (MI) Italy

Manufactured in China by

G.M.A.Italia s.r.l via G. Di Vittorio 7/33 - 20017 - Rho (MI) Italy

Information for users of domestic appliances



Pursuant to Legislative Decree No. 49 of 14 March 2014 'Implementation of Directive 2012/19/EU on waste electrical and electronic equipment (WEEE)'.

The crossed-out wheellie bin symbol on the equipment indicates that the product must be collected separately from other waste at the end of its useful life.

■ The user must therefore take the intact equipment, with its essential components, to the appropriate separate collection centres for electronic and electrical waste at the end of its useful life, or return it to the retailer when purchasing new equipment of an equivalent type, on a one-to-one basis, or 1 to zero for equipment with a longest side of less than 25 cm. Proper separate collection for the subsequent recycling, treatment and environmentally compatible disposal of discarded equipment helps to avoid possible negative effects on the environment and health and promotes the recycling of the materials of which the equipment is composed.

Illegal disposal of the product by the user will result in the application of administrative penalties as per Legislative Decree No. 49 of 14 March 2014.

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