

Product description

The ML-9Q monitors are LCD monitors specifically designed for video surveillance applications in vehicles where a small monitor is required.

**Package Contents**

- Monitor with support bracket and cable
- connections
- Infrared remote control with battery

Connections

The monitor is provided with a connecting cable to connect to the watertight connector which protrudes from the monitor itself.

At the other end of the cable the following connections are available:

- CH 1/2/3/4 - RCA analog video inputs to connect cameras with composite video output (IN)
- AUDIO - RCA connector for connecting an audio signal that will be automatically assigned to the video 1.

The cable connections also presents a box from which protrude 6 colored wires. The first 2 cables are used for power supply.

- **Red 12V-24V** - for connect the positive 12V supply.
- **Black GND** - for connect the negative power

The rimanenti 4 cables allow you to select the full screen by applying one of four cameras the positive 12V.

By connecting these connections to the vehicle control unit can be automatically lead to full screen the relevant camera depending on the movement that is making the medium.

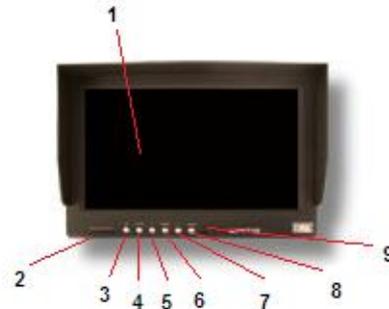
- **Brown Forward Wire** - Forward (CH1) (V1) - to bring it to full screen the camera connected to channel 1 (VIDEO).
- **Green Reversing Wire** - Reverse (CH2) (V2) - to bring it to full screen the camera connected to channel 2 (REVERSING-).
- **Blue Turning Lamp Wire** - Left Arrow (L) (CH3) (V3) - to bring it to full screen the camera connected to channel 3 (LEFT).
- **White Turning Lamp Wire** - Freecia right (R) (CH4) (V4) - to bring it to full screen the camera connected to channel 4 (RIGHT).

mounting

The special jointed bracket of ML-9Q monitor allows mounting on any surface without the need for accessories

additional. The base can be shaped

adapt to both smooth curved surfaces and allows the fixing with screws or adhesive.

Control panel

1. TFT-LCD screen 9 "
2. LED power indicator
3. Power button on and off
4. MODE button
5. CH 1
6. CH 2
7. CH 3
8. CH 4
9. Remote sensor

Using the Monitor

Press the power button to turn on the monitor. Press the MODE button to change the display of windows: single or quadrivisione. Press the keys CH1, CH2, CH3, CH4 to enlarge the image of the channel corresponding to the key pressed.

Access the menu

Press the MENU button on the remote control to access the programming menu. The factory-set language is English. And 'possible to select the Italian language in the section SYSTEM Use these remote control buttons: MENU allows you to access the menu and browse the BUTTON DOWN / UP programming sections to select the KEYS RIGHT / LEFT voice to vary a parameter The programming menu it is divided into 4 distinct chapters that are selected by repeatedly pressing the MENU key:

1. MENU PICTURE
2. MENU AUDIO
3. MENU OPTIONS
4. MENU SYSTEM
5. MENU PROGRA.

picture Menu

Press MENU once, then use the arrows to set the following settings:

- BRIGHT 'CONTRAST
- SATURATION TONI
-
-

sound Menu

Press MENU two times, then use the arrows to adjust the VOLUME.

options Menu

Press MENU 3 times, then use the arrow keys and the volume buttons to set the following settings:

- HORIZONTAL - flips the image horizontally VERTICAL - flips the image vertically
- MIRROR - not used
- ACC-TIME - not used

system Menu

- LANGUAGE - to set the menu language. By default it is set to English.
- PAL / NTSC RESET - Reset the automatic detection of the video format

program Menu

- SLEEP - to set the time within which the monitor turns off.
- TIME - to set time
- NOW SPE. - to set the time of automatic shutdown monitor
- NOW ACC. - for set the start time monitor self

MAIN technical data

	ML-9Q
Monitor Type	Color LCD with audio
video System	PAL / NTSC automatic recognition
Screen technology	LCD / TFT
corner of the screen size	9-inch diagonal
Display resolution	480 (H) xRGBx234 (V)
Format LCD	16: 9 (wide screen)
Video input compatible	composite Video
Video Signal Impedance	75 Ohm
video Inputs	4 composite video inputs (RCA) selected from the keyboard
Multivision simultaneous	2/3/4 cameras
audio Inputs	1 audio input (RCA) 1.5V pp mono
Releases Audio / Video	-
built-in speaker	Yes
headphone jack	No
Inserting date time	No
mirror function	Yes
Infrared remote control	Yes
Brightest.	300 cd / m ²
Response Time Tr / Tf	Tr + Tf = 18 ms
Angle of view helpful	High: 40 ° / Low: 60 ° Right / Left: 60 °
Contrast max.	150: 1
video settings	Contrast, Brightness, Color Tone, Sharpness
audio Settings	Volume
Supply	12..24 VDC (adapter not included)
Bundled Support	Table bracket
Absorption	Max. 10W
Operating temperature	0 ... + 40 ° C
Relative humidity	10 ... 85% RH
dimensions	235 (L) x160 (H) x66 (P)
Weight	550 Kg