

Congratulations on your choice of a MB Quart Auxiliary Camera. This "Quick Start" Installation guide is meant to help you complete a basic installation. Visit our website at MBQuart.com for more detailed information.



CAUTION

Always consider consulting a professional installer before installing any components. Be careful and take your time. Do not let wires make contact with metal edges or hot engine components.

Camera/Switch Installation

Disconnect the negative battery terminal from the negative battery post before installing.

MOUNTING LOCATION

Locate your desired switch and camera location. Mount the switch in an open carling knockout. If you do not have an open carling knockout, the unit itself requires a 0.83 inch (21mm) wide by 1.4 inch (37mm) high opening with at least 2.5 inches of clearance behind the mounting surface.

WIRE ROUTING

- Route wiring labeled P2,P3,P7 to the switch location.
- Route purple reverse wire and yellow RCA video cables to the source unit/display.
- Route white 4 pin JST connector to the camera mounting location.
- Route 12v, ACC, and GND wires to the vehicle battery or buss bar.

CAMERA FLUSH MOUNTING

The camera comes with the flush mount already attached (shown below). If your install location doesn't allow for flush mounting, please see surface mounting instructions on page 2.

To flush mount the camera, use the supplied 18.5mm hole saw to drill the hole, making sure there is adequate room behind the panel.



Camera/Switch Installation

CAMERA SURFACE/BRACKET MOUNTING

To surface mount the camera, using the supplied bracket, unscrew the flush mount trim ring that comes on the camera. Next, screw on the surface mount bracket. Secure the bracket to the mounting location you have chosen.



Note - may need to attach bracket to vehicle panel prior to attaching to camera.

WIRING CONNECTIONS

Connect the white 4pin JST from the camera to the camera harness.

At this time you will connect the yellow RCA to the camera input of your source unit or GMR7V1. Connect your camera's reverse wire to the camera trigger input on the radio. (See wiring diagram on page 4)

After all this is done, you can now connect the +12v, ACC, and GND wires to the buss bar or battery and reconnect the negative battery terminal to the negative battery post.

Camera/Switch Installation

REVERSE CAMERA ONLY

If using as a reverse camera only - cut the loop (green wire) located on the camera wiring. Then connect the reverse wire to the reverse trigger wire of your source unit to activate as a reverse camera.

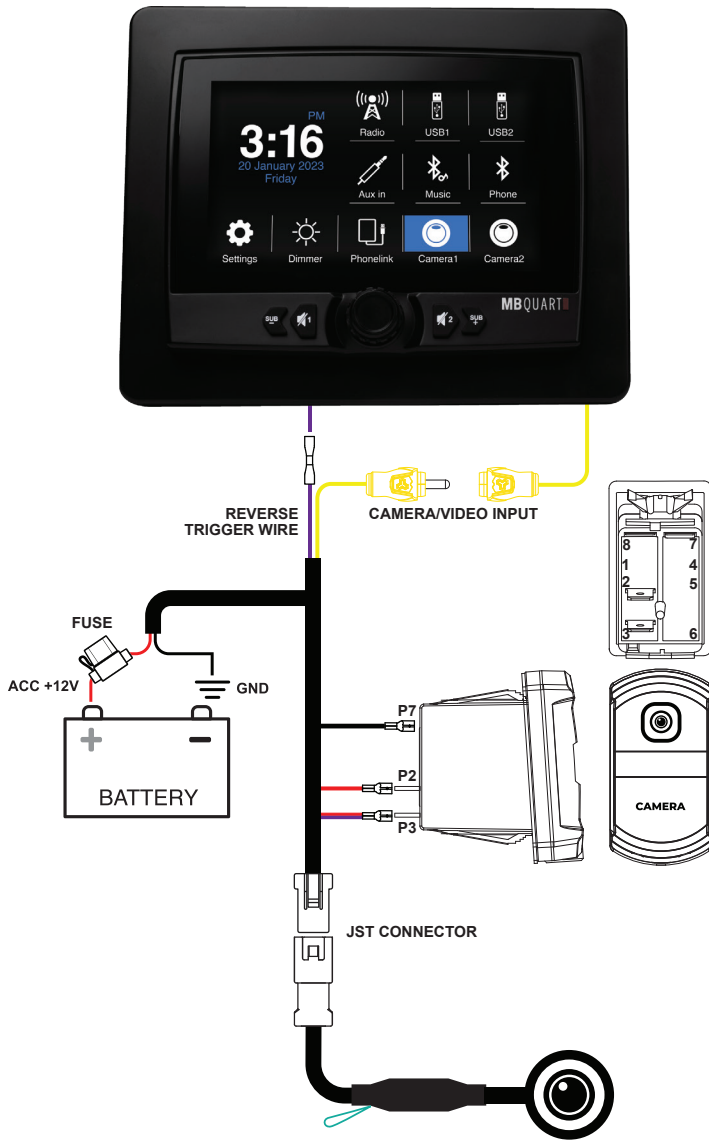
Features

IPX Rating	IPX67/IP69K
Horizontal Angle	150°
Vertical Angle	170°
Image Sensor	1/3" CMOS
Optical Format	NTSC
Signal Noise Ratio	>48dB (AOC On)
Input Voltage	12V DC
Mirror or Real Image	Both (Cut Loop)
Parking Line	NONE
LED	NONE
EMC	RE-10

Wiring Diagram

The wiring and connections should be secure and away from any moving parts or extremely hot surfaces.

The yellow RCA signal output can be connected directly to the camera input of an audio head unit.



FCC Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a mobile installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complied with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

MBQUART®

MBQ-CAM-1 Auxiliary Camera



Installation Guide

  [MBQuart.com](https://www.MBQuart.com)
#MUSIC DEFINED

WARRANTY

Maxxsonics, LLC. warrants this product, to the original consumer purchaser, to be free from defects in material and workmanship for a period of one (1) year from the date of purchase. Maxxsonics, LLC. will, at its discretion, repair or replace defective products during the warranty period. Components that prove to be defective in materials and workmanship under proper installation and use must be returned to the original authorized Maxxsonics, LLC. retailer from where it was purchased. A photocopy of the original receipt must accompany the product being returned. The costs associated with removal, re-installation and freight are not the responsibility of Maxxsonics, LLC. This warranty is limited to defective parts and specifically excludes any incidental or consequential damages connected therewith. Please visit the website for full warranty.

MB Quart products are designed and engineered in the USA by
MAXXSONICS®

www.maxxsonics.com

MBQ-CAM-1 QSG 01 - rev1