



Owner's / Installation Manual

W1000 KIT

W1000RX RECEIVER

W1000TX TRANSMITTER



Please read this manual thoroughly before operating the unit, and keep it for further reference.



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Performance Series

W1000 KIT



PRECAUTIONS

Storage and keeping

Do not expose the W1000 to excessive heat or cold. The storage temperature of this device is $-30 \sim +75$ C, and the operating temperature is $-20 \sim +60$ C. The Humidity is Rh90%.

Never use this device near a bathtub, wash basin, kitchen, damp basement, swimming pool or similar place.

Never use this device in environments with excessive moisture, dust or smoke.

Avoid dropping or striking this device.

Never puncture, scratch or use abrasive cleaning materials on this device.

The W1000 is not designed to be waterproof.

Operating Precautions

Make sure all cables are connected properly observe polarity. Improper cable connections may damage the monitor. Remove the power cable connections when you do not intend to use the unit.

Warning!

1. High voltage is present within the monitor. The opening of the case should be by professionals.
2. Do not watch the video while driving unless you are monitoring the rear view camera display.

Special Notice

Occasionally, a few highlights or dark spots may occur on the LCD screen. This is a very common phenomenon in active matrix display technology, and doesn't necessarily indicate any defects or faults. Never try to repair this device by yourself. In case of any problems, please turn off the display at once and notify our company or authorized dealer. The monitor is a complex device. Any disassembly or modification may lead to damage and void the warranty.



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PRECAUTIONS

Maintenance

1. Remove all the cable connections from the W1000 before cleaning the unit.
2. Use a mild household detergent and clean the unit with a slightly damp, soft cloth. Never use strong solvents such as thinner or benzene, as they might damage the finish of the device.



This symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



This symbol is intended to alert the user not to waste electrical and electronic equipment.



CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your warranty and necessitate expensive repairs.

Declaration of conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: This device may not cause harmful interference. This device must accept any interference received, including interference that may cause under desired operation.



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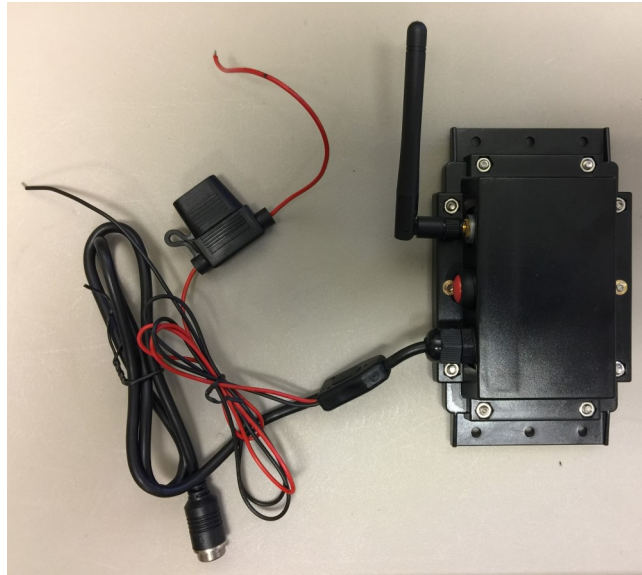
W1000 KIT

Mounting the Transmitter

- 1) Select a location allowing space between W1000 and walls, cabinets, or other objects to allow adequate space around it. Avoid enclosed spaces, areas with bundled cable or metal panels which may block reception.
- 2) Never use this device in environments with excessive moisture, dust or smoke. Do not place cables where they may be pinched or stepped on. W1000 is not designed to be waterproof.
- 3) The device may be powered by a 12 or 24 volt automotive battery or vehicle electrical system, fuse value is 3A.
- 4) Make sure all cables are connected properly, observe polarity. Improper cable connections may damage the W1000. Remove the power cable connections when you do not intend to use the unit.

W1000TX Harness:

- Red and Black—Power (12-24VDC) and Ground
- Camera input cable



Installation Notes:

- Ensure unit has power and ground, and camera is connected properly
- LED light status:
 - (ON = POWER ON & CONNECTED)
 - (FLASHING = PAIRING MODE)
 - (OFF = POWER OFF OR DISCONNECTED)
- Pairing: Hold the center pairing button down on the transmitter till LED light is constantly flashing, then release
- Hold the pairing button down on the receiver till LED light is constantly flashing, then release
- When connection is made, LED light on both W1000TX and W1000RX will be constant



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W1000 KIT Operation



W1000KIT (consists of receiver and transmitter)

- ◇ 2.4GHz Wireless Transmitter and Receiver
- ◇ FHSS channel hopping sequence based on an algorithm generated by the receiver
- ◇ Zero Latency, Zero RF/Engine/Electronic Interference

W1000TX Transmitter

- ◇ Transmitter will pair with a Convoy Technologies Wireless Monitor or Receiver, Connect any wired Convoy camera

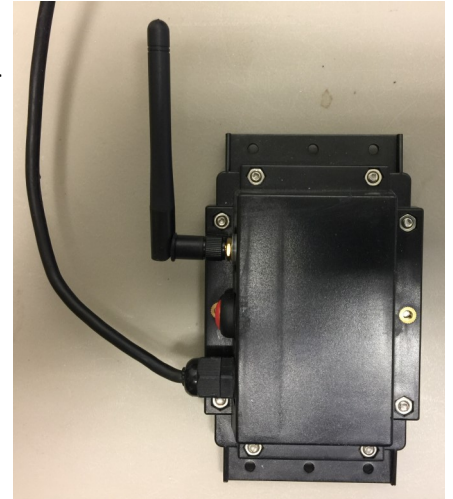
W1000RX Receiver

- ◇ Receiver will pair with any Convoy Technologies Wireless Camera or Transmitter, up to 100ft

Installing and using the W1000RX Receiver

The W1000RX receives it's power from the monitor it is connected to.

- Connect the W1000RX camera cable to the monitor
- Turn the monitor on to power the W1000RX
- Push and hold the red pairing button till the LED flashes constantly and release
- Push and hold the red pairing button on the W1000TX transmitter till the LED flashes constantly and release
- LED on both will stay on when connected



The W1000RX will pair directly with Convoy C1300RF camera, or TrailerCam.

- On the C1300RF, push the "B" button repeatedly till the 4 green LED 's are all off, then push and hold the "B" button for 6 seconds and release. The camera is now in pairing mode, you have 50sec to pair with the W1000RX
- On the W1000RX, Push and hold the red pairing button till the LED flashes constantly and release.
- Once paired the LED will be on constantly.