TREBS

User manual

2.4GHz Wireless
Rearview Parking System with
Color LCD Monitor

Model No.: CC-132

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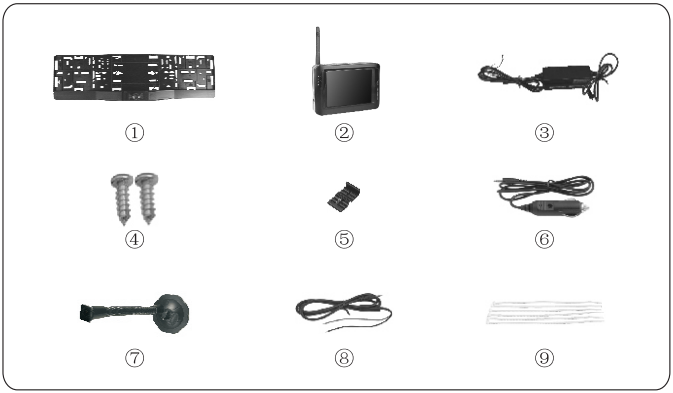
*Trebs is not responsible for any damage resulting from installation and use of this product.

*2.4 GHz devices as e.g. cell phones, navigation, bluetooth and Wi-Fi system scan have influence on the performance of this product.

FOREWORD

CONGRATULATIONS. The CC-132 is a camera car rearview system with 3.6" TFT-LCD monitor. The Rearview Camera, when used as described, will give you years of dependable service in your car, truck, RV, or mini-van. We have taken numerous measures in quality control to ensure that your product arrives in top condition, and will perform to your satisfaction.

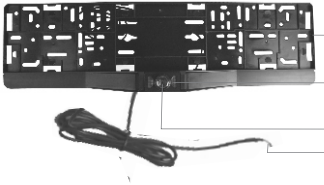
PACKING LIST



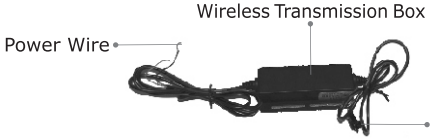
① Rearview Camera
② Monitor
③ Wireless Transmission Box
④ Sheet Metal Screws
⑤ In-Line Wire Connectors
⑥ Power Adapter
⑦ Suction Holder
⑧ Monitor Wiring Harness
⑨ Cable Ties

STRUCTURE

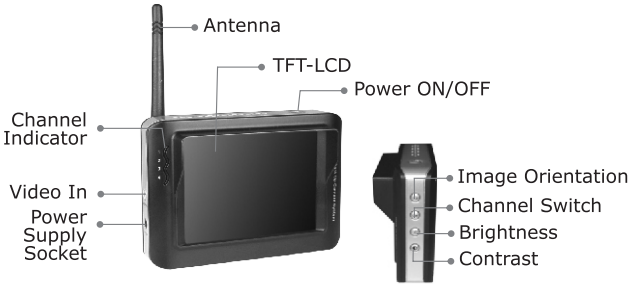
Rearview Camera



Wireless Transmission Box



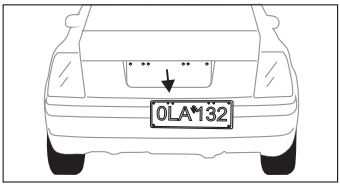
TFT-LCD Monitor



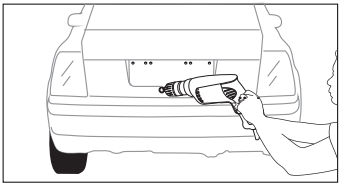
INSTALLATION

Installation of the camera:

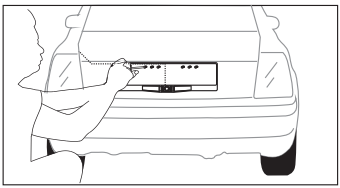
1. Loosen the license plate bolt or screw, and then remove the license plate on the rear of your car.



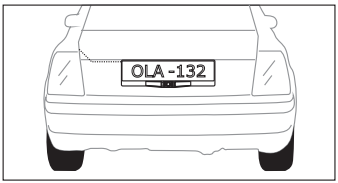
2. Drill one hole for power cable in the middle of below license plate, where the camera will exist.



3. Install the frame camera with bolt/screw, and adjust the camera to a suitable angle. Tow the power wire into the car through the interstices of the car.

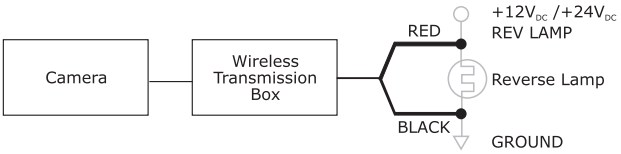


4. Install the license plate to the frame.

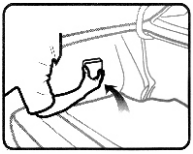


Wireless Transmission Box Installation

1. Wiring Connector Diagram

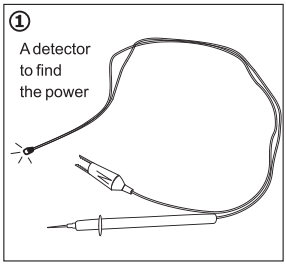


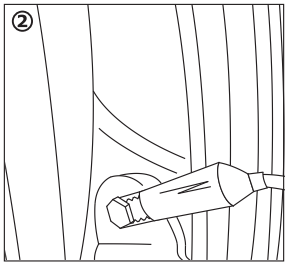
2. Basic Installation

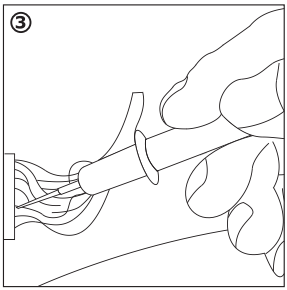


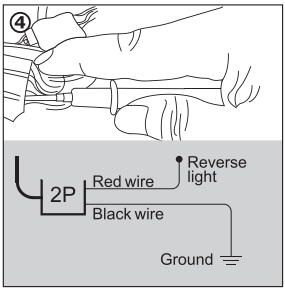
1). Find proper spaces for install the transmission box.

2). A detector to find the power:
how to find the power from the reverse light?
Introductions: black clamp connects to the ground wire. Use the red pen to find the power from the reverse light until the LED light is on. Then connect our red power line to the power from the reverse light, and the black to the ground wire.



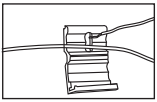




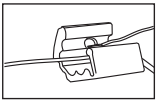


3. In-Line Wire Connector Instructions

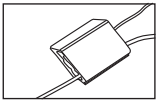
You do not need to use the In-Line Wire Connectors. The Transmission Box can be wired directly to the reverse light circuit by stripping the reverse light wires then twisting Transmission Box wires to the exposed reverse light wires. Once connected, wrap with electrical tape. DO NOT attempt this if you are not knowledgeable with electrical installation practices.



Insert the existing wire to be tapped.



Insert the wire to be attached.



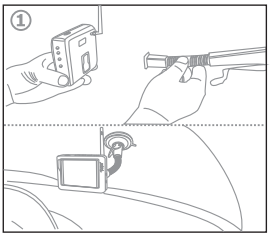
Crimp tap then close lock

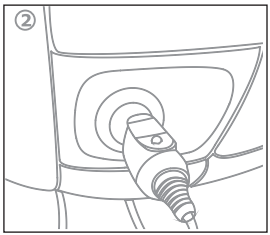
Installation of the monitor:

1. Use the suction holder to install the monitor. The suction holder is stamped on the front window glass.
2. Connect power of the monitor. There are two methods as below:

A: According to the same steps, find power from the car power circuit in front, and connect the cables correctly.

B: Use the cigarette lighter adapter included in the package to get the power.





Test The System

1. Engage the parking brake and turn the ignition key to the ON position.
DO NOT start the vehicle. Put the gear shift into reverse.
2. The camera will start sending signal, and the monitor will detect the signal and turn itself ON. If the monitor does not come ON press the ON/OFF button.
3. If the image does not match your rear view mirror, press the top button on the monitor to change the image until it matches your rearview mirror.
4.When you take the gear shift out of reverse. the camera will automatically turn OFF, and the monitor will shut down.
Route all wire behind interior panels or under carpeting so they are hidden.
Use supplied cable ties to neatly gather any excess wire.
Keep camera lens and monitor clean to ensure optimum picture quality.

SPECIFICATIONS

	Items	CC-132
Camera + Wireless Transmission Box	Imaging Sensor	CMOS
	Total Pixels	720×480(NTSC); 720×576(PAL)
	Modulation Mode	FM
	Bandwidth	18MHz
	Transmission Frequency	2414,2432,2450,2468MHz
	Horizontal View Angle	80 degree
	Transmission Power	2mW/FCC,10wm/CE
	Minimum Illumination	0 Lux (IR ON)
	IR Night Range	4m
	Power Supply	Supplied By Transmission Box
	Consumption Current (Max.)	120mA
	Dimensions (W x D x H)	525×148×45(mm)
	Weight (about)	264g
Receiver	LCD Screen Type	3.6″ TFT-LCD
	Effective Pixels	320 × 240
	Video System	NTSC/PAL
	Color Configuration	R.G.B.delta
	Received Sensitivity	≤-85dBm
	Power Supply Voltage	+12/+24VDC
	Consumption Current (Max.)	250mA
	Unobstructed Effective Range(Min.)	50m
	Dimensions(W×D×H)	108 ×37×75(mm)
	Weight (About)	165g
	Operating Temperature	-10°C～+50°C/+14°F～+122°F
	Operating Humidity (Max.)	85%RH

* Channel Frequency: CH1=2,414MHz; CH2=2,432MHz;
  CH3=2,450MHz; CH4=2,468MHz,only CH4 is available.
* The actual transmission range may vary according to the weather, location, interference and building construction.
* All the specifications are subject to minor change without prior notice.

CAUTIONS

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Turn off the camera/receiver if the system is not in use.
- The adapter is used as the disconnect device from the mains. The adapter shall remain readily operable.
- The camera/receiver can only be completely disconnected from the mains by unplug the adapter.
- Do not cut the DC power cable of the apparatus to fit with another power source.
- Attention should be drawn to the environment aspects of battery disposal.

The graphics included are subject to minor change without notice.

FCC INFORMATION

This device complies with part15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference,
(2) this device must accept any interference received, including interference that may cause undesired operation.
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

EU Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.