

BT53872F-1
USER MANUAL

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2. PACKAGE CONTENTS

4.3" Dash Monitor

Wireless Digital Transmitter

12V/24V Power Adaptor

Hardwire Power Cable for Dash
Monitor or 3.5" Mirror Monitor
(Optional)

Windshield mount for Dash
Monitor only

Hook and loop straps for Mirror
Monitor only

Weatherproof Rearview Camera

Power cable for Digital
Transmitter

4x Scotchlocks

4x Zip Ties

Rubber Ring

1.



4.3" Dash Monitor

2.



6.



7.



3.



8.



4.



9.



5.



10.



11.



3. PRODUCT SPECIFICATIONS

4.3" TFT LCD Display

2.4G Digital Wireless

Image sensor: CMOS

Operation range: 50 feet

Input Voltage DC12~24

Operation temperature: -10~50

Storage temperature: -20~60

Camera water resistance: IP67 Rating

4. INSTALLATION GUIDE

MIRROR MONITOR INSTALLATION

Attach black Hook and Loop straps to the back of the Yada mirror by sliding the metal clip into the mirror brackets. Push in all the way until the straps are secure.

Make sure the connection for each strap is facing the same way- rather up or down- to allow for easy adjusting of the mirror.

Open the Hook and Loop straps and allow them to hang freely in the FRONT of the mirror, so there is no obstruction between the Yada mirror and your original rearview mirror.

Start by matching up the mirrors at the top, with the spring clamps wrapping around the original rearview mirror.

Pull the Yada mirror down to allow the spring clamps on the bottom to snap into place around the

original rearview mirror. Tip: Use both hands on either side of the mirror to snap into place evenly. Make sure the mirror is centered before snapping into place.

Once the Yada mirror is in place, reach behind and one by one reattach the Hook and Loop straps together to hold the Yada mirror tight in place.

At this time you can trim off any excess strap with a scissor.

Remove the Yada mirror protective overlay.

Now power the mirror.

a. 12V/24V Power Adapter

i. Take the 12V/24V Power Adapter and plug in adapter to top of the Yada mirror. Plug other end into 12V Power in your car.

b. Hard wire

i. Take the Hard Wire Power Adapter and plug adapter into the top of the mirror. Run cable to fuse box and connect to fused accessory power source. Refer to your vehicle owner manual for location of available accessory fuses.

At this time, the Yada Mirror Monitor is ready to be powered on.

DASH MONITOR INSTALLATION

Stick the windshield holder on the windshield and adjust to your desired position.

Hook the Dash Monitor on to the windshield mount.

Remove the Yada Dash Monitor protective overlay.

Now power the monitor:

a. 12V/24V Power Adapter

Take the 12V/24V Power Adapter and plug in adapter in the right side of the Yada Dash Monitor. Plug the other end into 12v/24v power port in your car.

b. Hard wire

Take the Hard Wire Power Adapter and plug adapter in the right side of the Yada Dash Monitor. Run cable to fuse box and connect to fused accessory power source. Refer to your vehicle owner manual for location of available accessory fuses.

10. At this time, the Yada Dash Monitor is ready to be automatically powered on when the vehicle engine starts.

BACKUP CAMERA INSTALLATION

Note: Camera installation on diesel vehicles may require different wiring install.

See Below. You can also visit our FAQ's at www.letsyada.com for more information

Caution: This unit is designed to operate on a 12V/24V DC NEGATIVE GROUND electrical system. Connecting to other types of electrical systems will cause damage to your vehicle. Please contact the manufacturer if you are unaware of the system type in your vehicle.

Locate the reverse taillights wiring behind your reverse light. You may need to remove the interior panel in order to locate. You only need to attach the signal booster power wire to ONE of the reverse lights, not both. If you cannot manually locate the tail light cables, please contact the vehicle manufacturer or reference a wiring diagram for your vehicle.

At your taillight, remove the light bulb socket from the reverse light housing.

Determine the reverse light power wires for your car, designating the positive and negative wires. If you are not sure of which are the power wires, then please contact your vehicle manufacturer or reference a wiring diagram for your vehicle.

Connecting the Power Cables:

- a. Take the open wire end of this cable, and connect it to the power wires of your car (as determined in step 3). Using the Scotchlok Connectors, connect the Camera's Red wire to reverse light's Positive wire. Connect the camera's Black Wire to reverse light's Negative wire.
- b. Use pliers to squeeze the metal tabs of the Scotchlok Connectors and ensure a solid connection, then snap the plastic cover closed.
- c. Place the fixed adapter from the Wireless Digital Transmitter Power Cable into the Wireless Digital Transmitter.
- d. Determine the best place to mount the Transmitter. The Transmitter is not waterproof and needs to be protected. If mounting on a pickup truck you may want to mount behind the tail light and wrap in plastic or you can purchase extension cables if you wish to mount in the cab of your truck. Now it is time to install the camera.

Remove your license plate

Determine the best route for the Camera Cable from the top of your license plate to the Transmitter. You may need to drill a small hole in the panel behind where the license plate is situated.

Take the Camera and run the attached cable through the Rubber Ring Grommet, then from the outside of your car to the inside where the Transmitter is. Pull the cable through so that there is a small amount of slack and you can still move the Camera around the license plate.

Plug the attached wire from the Camera into the Wireless Transmitter. Ensure that the wires are not tangled. You are now ready to test the camera.

While sitting in the driver's seat of the car with the key in the accessory position. The monitor will automatically start when connected to a power source. If when you place the vehicle in reverse there is no image, go to the section "Pair and Connection" for more information.

Put the vehicle in reverse. If you have a clear picture, put the vehicle back in park and turn the key to the off position. You are now ready for final steps.

Take the Wireless Transmitter and using the double sided Velcro attach the box to the inside of your car. Use the provided Zip ties to secure wires neatly within your car.

Replace the light socket back into the reverse light housing.

Replace any interior panels that may have been removed to access the taillight and close your trunk or rear hatch.

Standing with the license plate in one hand and the camera in the other hand, slide the Camera along the top of the license plate in order to determine the placement. Best placement is in the center of the license plate. If you have a rear hatch handle you may need to remove the camera bracket, turn the bracket upside down and reattach to the camera. You would then mount the camera from the bottom of the license plate.

Peel off the lining to the double-sided tape already attached to the Camera and press firmly to the license plate to secure the Camera. Make sure the back of the license plate is clean before attaching double sided tape.

Press the license plate and the Camera mounting firmly to the car to secure and get full contact between the license plate and the double-sided tape. Screw the license plate back onto the rear of your vehicle.

Once license plate and Camera are secure, you can adjust the vertical angle of the camera to your specific need.

As a last check, note the position of the view from the camera when you place the vehicle in reverse. Adjust the angle of the camera as necessary to achieve the best rear view.

DIESEL INSTRUCTION:

Temporarily connect the transmitter and camera following the wiring instructions above. Then check the camera image for rolling lines with vehicle running. If there are no rolling lines, permanently install the components and wiring. If rolling lines occur you will need to run a power wire directly to the battery post instead of using the reverse lights. Then the power line will need to be cut and run to a switch near the driver so the camera can be switched on/off. Without a switch the camera would drain the battery and possibly burn out the camera. Be sure to use a fuse when connecting to the battery post.

5. PAIRING AND CONNECTING

Pairing is not necessary as the unit has already been paired. If you are not able to connect the camera, please try to pair the camera by the following steps:

Press "Pair" button on the Wireless Digital Transmitter. You will see the LED Blinking in RED. The unit will remain in Pair mode for 1 minute.

Go to the monitor and do the following step:

- a. Press "Menu"
- b. Go to "Pair Camera"
- c. Press "Parking Aid line" to confirm
- d. The unit is now in pair mode - if the unit was able to search and connect with the camera, the display will show "Pair OK". If no camera is found, then the display will show "Pair Fail".
- e. If you receive a "Pair Fail" message, please call our technical support to assist in troubleshooting.

6. OPERATION GUIDE

Power ON/OFF

- The Dash or Mirror Monitor will automatically turn ON when it is connected to a power source.
- Hold the power button to turn ON/OFF the unit if necessary.

Connection

- Rearview image will be automatically appear on the screen during reverse and will remain in standby when the vehicle is in any other gear or driving forward.

Parking Aid line

- You can turn on the parking aid line by pressing the Parking Aid Line button when the reverse image appears on screen.

7. SETTINGS

You can adjust the contrast and brightness of the Monitor according to your desired level.

Note: Contrast and Brightness setting ONLY works while the backup image is on the screen.

To Adjust Contrast

Press "MENU"

Go to "Contrast" by pressing " - "

Press "Parking Aid Line" to enter

Press " + " or " - " to adjust the contrast level

Press "Parking Aid Line " to confirm and exit

To Adjust Brightness

Press "MENU"

Go to "Brightness" by pressing " - "

Press "Parking Aid Line" to enter

Press " + " or " - " to adjust the contrast level

Press "Parking Aid Line " to confirm and exit

8. SAFETY INFORMATION

WARNING: A failure to read and follow these warnings and instructions may result in a serious accident, including damaged property or a serious injury, including loss of life.

The Digital Backup Camera is designed as an aid to the driver in detecting large stationary objects to help avoid damaging the vehicle. However, you, the driver, must use it safely and properly. Use of the Digital Backup Camera is not a substitute for safe, proper and legal driving.

Never back up while looking only at the screen. You should always check behind and around the vehicle when backing up just as you would if the vehicle did not have the Digital Backup Camera. Always make sure your intended path is clear. If you back up while looking only at the monitor, you may hit a vehicle, pedestrian, bicyclist, child, pet or other object resulting in injury or death. Always back up slowly.

Never depend on the Backup Camera entirely when backing up. The image on the screen is different from actual conditions. Objects viewed in the rear view monitor differ from actual distance because a

wide-angle lens is used. Objects in the rear view monitor will appear visually opposite than when viewed in the rear view and outside mirrors. Use the inside mirror or glance over your shoulder to properly judge distances to other objects.

The Backup Camera “night vision” feature is an aid to a driver but is limited. Always use your own eyes to confirm the vehicle’s surroundings, as the displayed image may be faint or dark, distorted, or not entirely visible. Always check behind and all around the vehicle visually with mirrors before proceeding.

The area displayed by the Backup Camera is limited. The Backup Camera does not display objects that are close to or below the bumper, underneath the vehicle, or objects out of the camera’s field of view. The area displayed on the screen may vary according to vehicle orientation or road conditions.

Be sure to check the camera’s position and mounting angle before each use.

Make sure the trunk, hatch, or backdoor is completely and securely closed when backing up.

If the back of the vehicle is hit, the position and mounting angle of the Digital Backup Camera may change.

When washing the vehicle with high pressure water, be sure not to spray it around the camera. Otherwise, water may enter the camera unit causing water condensation on the lens, a malfunction, fire or an electric shock.

Do not strike the camera. It is a precision instrument. Otherwise, it may malfunction or cause damage resulting in a fire or an electric shock.

This product will only provide images of items that are within the field of view of the camera. Thus, it is imperative that the camera should be kept clean and unobstructed, and should be mounted so that its field of view includes the entire area behind your vehicle.

Adhere to all applicable traffic laws and motor vehicle regulations applicable to the device.

Consult local laws and regulations for any restrictions on installation or use.

Never allow children to play with the device. Small parts may be a choking hazard.

If you replace the tires, the area displayed on the monitor may change and you may need to adjust the camera.

There is a plastic cover over the camera. Do not scratch the cover when cleaning dirt or snow from the cover.

The camera has a water resistant construction. Do not detach, disassemble or modify it. This may cause incorrect operation. Camera is waterproof.

Do not submerge camera in water, which can cause internal damage to the camera.

If the temperature changes rapidly, such as when hot water is poured on the vehicle in cold weather, the system may not operate normally. The Digital Camera can withstand the effects of rain, snow, and

inclement weather.

When strong light directly enters a camera, objects may not be displayed clearly.

The screen may flicker under fluorescent light.

The colors of objects on the rear view monitor may differ somewhat from those of the actual object.

If dirt, rain or snow attaches to the camera, the monitor may not clearly display objects. If water droplets, snow or mud adhere to the camera lens, rinse with water and wipe with a dry cloth.

Do not use alcohol, benzene or thinner to clean the camera. This will cause discoloration. To clean the camera, wipe with a clean cloth dampened with mild cleaner diluted with water and then wipe with a dry cloth.

Will work up to 30 feet.

ALWAYS engage Parking/Emergency/Hand Brakes of the vehicle when testing the system.

Safety Around and Behind Other Vehicles

Using a Backup Camera is not enough to completely overcome a vehicle's blind spot. Many preventable injuries and deaths occur in driveways or parking lots when drivers do not see children, pets, or others near their vehicles. Here are a few safety tips that will help you to avoid a back-over accident.

Walk completely around your vehicle before getting in. Check for kids, toys, and pets before entering the vehicle and starting the engine.

Know where children are. Have children stand in a place where they are in full view.

Be aware of young children. Young children are small and hard to see.

Parents, caregivers and all adults need to be vigilant in supervising children, especially when children are in the yard, driveway or parking lot playing near parked cars.

Roll down your window so you will be able to hear what is happening outside your vehicle.

Owners of SUVs, trucks, and vans need to take extra care to avoid hitting or running over a child.

Teach children to move away from a vehicle whenever it is started.

FCC/ICC

Federal Communication Commission Interference Statement

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 residential 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. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna

- Increase the separation between the equipment and receiver

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected

- Consult the dealer or an experienced radio/TV technician for help

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT NOTE

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

To comply with FCC RF exposure requirements, the device and the antenna for this device must be installed to ensure a minimum separation of 20cm or more from a person's body. Other operating configurations should be avoided.

IC Statement

Operation is subject to the following two conditions:

This device may not cause interference and

This device must accept any interference, including interference that may cause undesired operation of the device.

This device has been designed to operate with an antenna having a maximum gain of 0 dBi. Antenna having a higher gain is strictly prohibited per regulations of Industry Canada. The required antenna impedance is 50 ohms.

IMPORTANT NOTE:**IC Radiation Exposure Statements:**

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.