OWNER'S MANUAL

WIC4750
Wireless Inspection Camera
With Recording Color LCD Monitor

WHISTLER

INTRODUCTION

Welcome

Thank you for choosing a Whistler product. We are dedicated to providing products that represent both quality and value. Please read the user manual carefully before using this product. If you have additional questions, please visit the FAQ page on our website at www.whistlergroup.com or call toll free 800-531-0004, 8am to 5pm CT, Monday through Friday to speak to a Customer Service Representative.

Packing List

9mm Camera with 3.3 ft. Tube

Handheld Unit

3.5 in. LCD Monitor

3.3 ft. Extension Tube

Magnet Accessory Clip

Mirror Accessory Clip

Hook Accessory Clip

Accessory Collar

Video Cable

Power Adapter

USB Cable

FEATURE DESCRIPTION

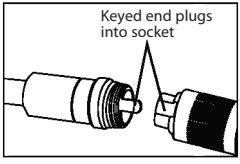
Camera Unit

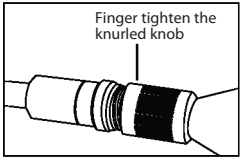
Monitor

Installation

Installing the Camera Flexible Tube

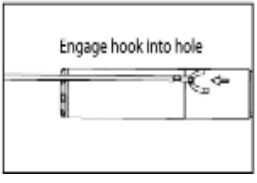
When connecting the camera tube to the handheld unit, make sure that the keyed ends are properly aligned. Once they are lined up, finger tighten the knob to hold the connector in place.

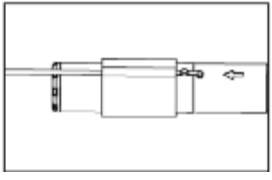




Install the Accessories

The three (3) included accessories (mirror, hook and magnet) are all attached to the tube in the same way as illustrated below:



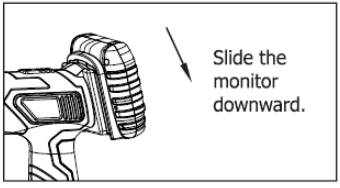


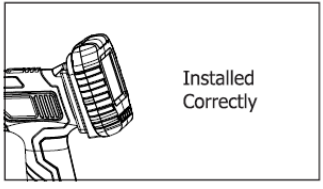
Place hook into hole at end of tube. Place rubber ring around camera head and hook.

INSTALLATION

Install Monitor for Wired Use

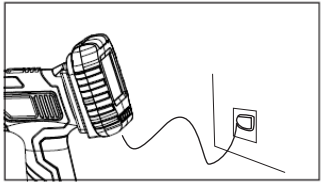
This product also supports wired use by connecting the monitor to the camera.





Connect AC Adapter

Connect the adapter to the monitor and then plug the adapter into a wall outlet. The power indicators on the handheld unit and the monitor will light red, which indicates the monitor and the handheld unit are charging at the same time and they will turn off after fully charged. The product can be used while charging.

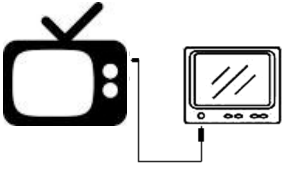


NOTE: Monitor must be attached to handheld unit when charging.

INSTALLATION

Video Out

Insert the video cable into the Video Out jack on the side of the unit. Insert the other end of the video cable to a video in on a TV or other video monitor system. The unit will provide high quality video to an external monitor.



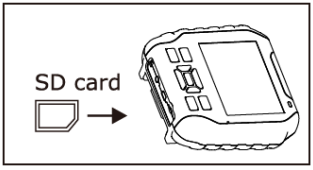
Install Extension Tube

To connect the extension tube, first align the keyed end with the slot in the handle. Use slight force to push them together. Once properly aligned, twist the threaded knob clockwise until the connection is securely in place. Repeat this process to connect the other end of the extension tube to the flexible camera tube.

INSTALLATION

Insert SD Card (Optional)

After the SD Card is inserted properly, the monitor will indicate icon; otherwise, icon will appear.

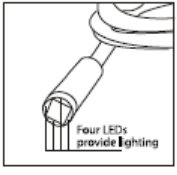


Connect USB Cable

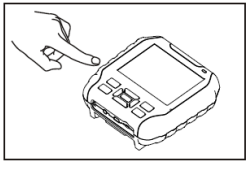
Use the USB cable to connect the monitor to a PC. The USB online icon appears on the PC. Open My Computer, find the Mobile Disk icon. The video/picture files in the SD card can be copied, cut or played back.

Operation

Rotate the ON/OFF switch to turn on the camera. The power indicator on top of the handheld unit will illuminate. The switch then acts as a dimmer of the LED's, that surrounds the camera and provide high quality lighting.



Press and hold on the Power ON/OFF button on monitor for 2 seconds, the power indicator will be green and the picture will display on LCD display.

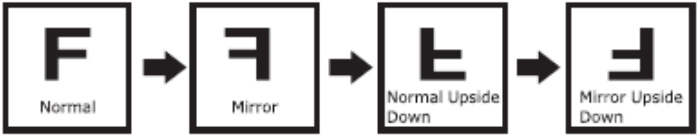


Quick press the power button to turn ON/OFF icons and image orientation.

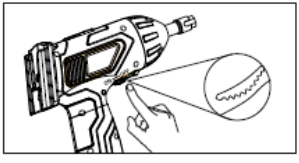
- Quick press 1st to turn OFF icons
- Quick press 2nd-4th to orientate the images
- Quick press 5th to recover the image and turn on the icons
- Continue presses will repeat above operations

OPERATION

Image orientation as below:



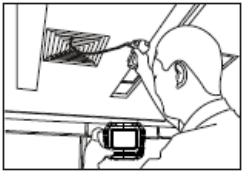
Rotate the ON/OFF switch to adjust display brightness.

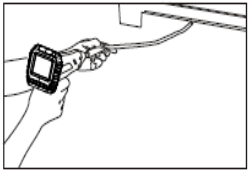


Press the button to digital zoom the image. Zoom capacity of 1.5x, 2x and 3x.

OPERATION

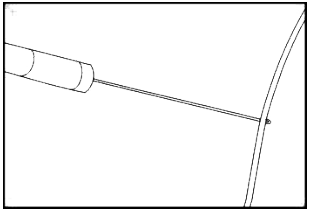
Gently guide the tube into the desired location. Slight adjustments can be made while maneuvering the head in a forward direction.





IMPORTANT: The flexible tube can be bent to accommodate exploration in a variety of locations.

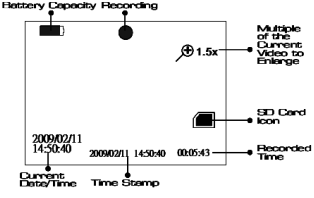
The accessories can be used to retrieve small items such as screws or rings.



Recording Video

1. In real-time monitoring mode, press the button to begin recording.
2. Press again to stop recording and save video.

NOTE: The video will be automatically saved as an individual file every 30 minutes. “Memory Full” appears on the LCD screen to indicate that the SD card memory is full.



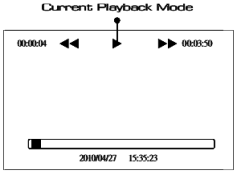
Taking photos

In real-time monitoring mode, press the button to take a photo.
NOTE: “Memory Full” appears on the LCD screen to indicate that the SD card memory is full.

Playback Video/Picture

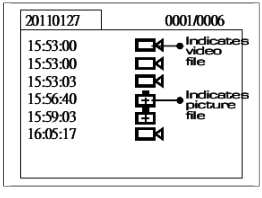
1. In real-time monitoring mode, press the button to toggle to the video/picture folder.
2. Press the ◄ and ► buttons to select your desired folder, and then the press **OK** button to toggle to the right interface:

NOTE: Icon next to a file name indicates that the file is a video.
Icon next to a file indicates that the file is a picture.



For playback video:
Press the ◄ or ► button to select your desired video, and then press **OK** button to playback.

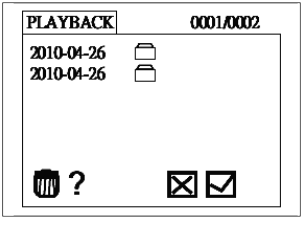
Pause: press the **OK** button once to pause, press again to resume play.
Fast Forward: press and hold on the ► button for about 2 seconds.
Fast Backward: press and hold on the ◄ button for about 2 seconds.
Stop/Exit: press the **MENU** button.



For viewing images:
Press the ◄ or ► button to select your desired image, press **OK** or **MENU** button to view and press again to exit.

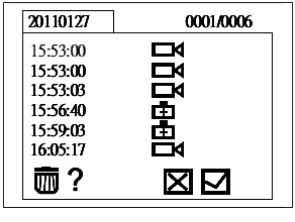
Deleting Video/Picture

1. In real-time monitoring mode, press the ▶ button to toggle to the video/picture folder.
2. Press the ◄ or ► button to select your desired folder, and then press **OK** button.
3. Press the ◄ or ► button to select your desired file, and then press the 🗑 button.
4. Press the ◄ or ► button to toggle between ☒ and ☑, that is, to cancel or delete. Once you have highlighted your desired selection, press the **OK** button.



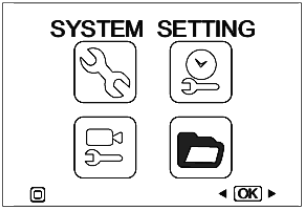
Deleting Folder

Deleting a folder is done in the same way as deleting a single file.



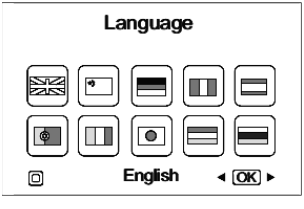
How to enter the Setting Mode

In real-time monitoring mode, press the **MENU** button:



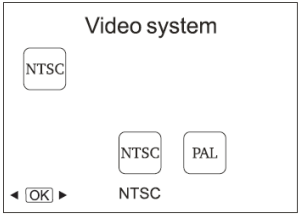
Language Setting

1. In the setting mode, press the ◄ or ► button to select '**SYSTEM SETTING**', and then press **OK** button.
2. Press the ◄ or ► button to select '**Language**', and then press **OK** button, the following interface will appear:
3. Press the ◄ or ► button to select your desired language
4. Press **OK** button to confirm and press **MENU** button to exit.



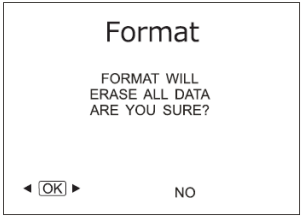
Video System Setting

1. In the setting mode, press the ◄ or ► button to select '**SYSTEM SETTING**', and then press **OK** button.
2. Press the ◄ or ► button to select '**Video System**' and then press **OK** button.
3. Press the ◄ or ► button to toggle between NTSC and PAL. Once your desired system is selected, press **OK** button to confirm and press the **MENU** button to exit.



Formatting

1. In the setting mode, press the ◄ or ► button to select '**SYSTEM SETTING**', and then press the **OK** button.
2. Press the ◄ or ► button to select 'Format', and then press **OK** button.
3. Press the ◄ or ► button to toggle between YES and NO, that is, to format or cancel. Press the **OK** button to confirm and press the **MENU** button to exit.



Default Setup

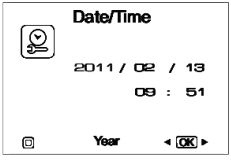
1. In the setting mode, press the ◄ or ► button to select '**SYSTEM SETTING**', and then press **OK** button.
2. Press the ◄ or ► button to select '**Default Setup**' and then press **OK** button.
3. Press the ◄ or ► button to toggle between **YES** and **NO**, that is to restore default or cancel.
4. Press the **OK** button to confirm and press the **MENU** button to exit.

View Version Information

1. In the setting mode, press the ◄ or ► button to select '**SYSTEM SETTING**', and then press **OK** button.
2. Press the ◄ or ► button to select '**Version**' and then press **OK** button. You will now be able to view the version details of your product.

Date/Time Setting

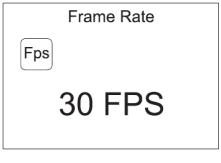
1. In the setting mode, press the ◄ or ► button to select '**Date/ Time**' and then press **OK** button, The right interface will appear:



2. Press **OK** button to select Date or Time; Press the ◄ or ► button to adjust selection; Press the **MENU** button to confirm and exit.

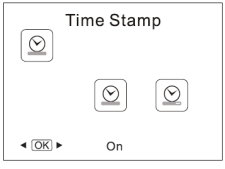
Frame Rate Setting

1. In the setting mode, press the ◄ or ► button to select '**RECORDER SETTING**', and then press the **OK** button.
2. Press the ◄ or ► button to select '**Frame Rate**' and then press the **OK** button.
3. Press the ◄ or ► button to toggle between different frame rates. Once your desired rate is selected, press **OK** button to confirm and press the **MENU** button to exit.



Time Stamp Setting

1. In the setting mode, press the ◄ or ► button to select '**RECORDER SETTING**', and then press **OK** button.
2. Press the ◄ or ► button to select 'Time Stamp' and then press **OK** button.
3. Press the ◄ and ► buttons to toggle between On and Off. Once your desired selection is made, press the **OK** button to confirm and press the **MENU** button to exit.



Event Playback

1. In the setting mode, press the ◄ or ► button to select '**EVENT PLAYBACK**', and then press the **OK** button.
2. For other operations see Playback of Video/Picture, Deleting Video/Picture, and Deleting Folder section for guidance.

FCC INFORMATION

CAUTION: Do not expose the monitor or handheld unit dripping or splashing liquids. Turn off camera and monitor when not in use. Use only the AC adaptor and cable supplied with the unit. Properly dispose of the batteries. Exposure to high temperatures can cause the batteries to explode. Do not dispose of the batteries in a fire. When stored, place tape over the terminals to prevent direct contact with other objects. Some countries have regulations concerning battery disposal. Please follow all applicable regulations.

FCC Information

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,

(2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT: FCC requirements state that changes or modifications not expressly approved by Whistler could void the user's authority to operate the equipment.

FCC ID: TW5GB8863

Troubleshooting

Why won't the monitor turn on?

- Make sure that the monitor has been charged at least overnight before first use. Press the reset button on the unit.

Message on monitor says to "See Manual for Troubleshooting".

- Make sure that the handheld unit is turned on and that the camera tube is properly attached to the handheld unit.

The power light comes on but nothing shows on the screen?

- This could be due to weak batteries in the handheld. Replace batteries.
- Is the camera tube fully inserted to the handheld unit? When connecting the camera tube to the handheld unit, make sure the keyed ends are properly aligned. Once they are lined up, press in firmly and then finger tighten the knob to hold the connector in place.

Why is my picture upside down?

- Simply press the image orientation button or move the camera tube to properly orient the image.

What is the maximum depth the waterproof camera can be submerged?

- Approximately 12 feet - the camera extension limit of the unit. Camera tube has a rating of IP67.

TROUBLESHOOTING

Why does the video look "Scrambled"?

- There are two video formats that the inspection camera can be set to: NTSC format which is used in North America. The PAL format is used in Europe and other overseas countries. Enter the menu selection and check the video format to make sure the monitor is in NTSC format.

What format are the pictures and movies saved as?

- Still images are saved in a .jpg format. Movies are saved in a .avi format, with video resolution at 640x480 pixels.

Video Output, will display live video or will it only display playback of recorded video?

- When connected to a different monitor the unit will display live video as well as picture and recorded playback.

SPECIFICATIONS

	Model No.	WIC4750
Camera	Image Sensor	CMOS
	Total Pixels	640x480
	Horizontal View Angle	48 degree
	Transmission Frequency	2468MHz
	Minimum Illumination	0 Lux
	Modulation Type	FM
	Bandwidth	18MHz
	Tube Diameter	9mm
	Unobstructed Effective Range	32.8 ft.
	Waterproof Capacity	IP67 (for camera tube only)
	Consumption Current (Max.)	200mA
	Charge Time (Min.)	3 hours
	Work Time (Min.)	4 hours
	Dimensions (W x D x H)	8 x 7.2 x 2.2 (in.) (Exclude Flexible Tube)
	Weight (Approximately)	1.02 lbs.
Monitor	LCD Screen Type	3.5" TFT-LCD
	Effective Pixels	320 (R.G.B.) X 240
	Video System	NTSC/PAL
	Transmission Frequency	2468MHz
	Consumption Current (Max.)	500mA
	Charge Time (Min.)	3 hours
	Work Time (Min.)	2 hours
	Picture/Video Resolution	640x480 pixels
	Frame Rate	30 frame/second
	Memory	SD Card
	Picture Format	JPG
	Video Format	AVI
	Video Size	<27M byte/minute
	Dimensions (W x D x H)	4.4 x 4.4 x 1.5 (in.)
	Weight (Approximately)	0.51 lbs.
Total	Power Supply	Built-in Li-battery
	USB Power Adapter	5V /1500mA
	Operating Temperature	0℃~+40℃/+32℉~+104℉
	Operation Humidity	15% ~ 85% RH

WARRANTY

Consumer Warranty

This Whistler product is warranted to the original purchaser for a period of one (1) year from the date of original purchase against all defects in materials and workmanship, when purchased from an authorized Whistler retailer. **This limited warranty is void if the unit is abused, misused, modified, installed improperly, or if the housing and/or serial numbers have been removed.** There are no express warranties covering this product other than those set forth in this warranty. All express or implied warranties for this product are limited to one (1) year. *Whistler is not liable for damages arising from the use, misuse, or operation of this product including but not limited to loss of time, inconvenience, loss of use of your product or property damage caused by your product or its failure to work, or any other incidental or consequential damages including personal injury.*

DO NOT RETURN ITEM TO STORE WHERE PURCHASED.
FOR WARRANTY INFORMATION, CONTACT WHISTLER CUSTOMER SERVICE AT 1-800-531-0004.
Representatives are available to answer your questions Monday – Friday from 8:00 a.m. to 5:00 p.m. CST

Service Under Warranty

During the warranty period, defective units will be repaired or replaced (with the same or a comparable model), at Whistler's option, without charge to the purchaser when returned prepaid, with dated proof of purchase to the address below. Units returned without dated proof of purchase will be considered out of warranty and therefore are not covered by the described Limited Warranty. (Refer to Service Out of Warranty section.)
Due to the specialized equipment necessary for testing Whistler products, there are no authorized service centers other than Whistler. When returning a unit for service under warranty, please follow these instructions:

WARRANTY

1. Ship the unit in the original carton or in a suitable sturdy equivalent, fully insured, with return receipt requested to:

Whistler Repair Dept.
1412 South 1st St.
Rogers, AR. 72756

Please allow 3 weeks turnaround time.

IMPORTANT: Whistler will not assume responsibility for loss or damage incurred in shipping. Therefore, please ship your unit insured with return receipt requested. **CODs will not be accepted!**

2. Include with your unit the following information, clearly printed:
   - Your name and physical street address for shipping (no PO Boxes), a daytime telephone number, and an email address (if applicable).
   - A detailed description of the problem (e.g.,"device will not power ON").
   - A copy of your dated proof of purchase or bill of sale.

3. Be certain your unit is returned with its serial number. Units without serial numbers are not covered under warranty.

IMPORTANT: To validate that your unit is within the warranty period, make sure you keep a copy of your dated proof of purchase. For warranty verification purposes, a copy of your dated store receipt must accompany any Whistler product sent in for warranty work.

Service Out Of Warranty

Units will be repaired at "out of warranty" service rates when:
- The unit's original warranty has expired.
- A dated proof of purchase is not supplied.
- The unit has been returned without its serial number.
- The unit has been misused, abused, modified, installed improperly, or had its housing removed.

WARRANTY

The minimum out of warranty service fee for your Whistler WIC4750 is $75.00 (U.S.). If you require out of warranty service, please return your unit as outlined in the section "Service Under Warranty" along with a cashier's check or money order in the amount of $75.00. Payment may also be made by MasterCard, VISA or American Express. **Personal checks are not accepted.**

In the event repairs cannot be covered by the minimum service fee, you will be contacted by a Whistler technical service specialist who will outline options available to you.

IMPORTANT: When returning your unit for service, be certain to include a daytime telephone number and an email address (if applicable).

Customer Service

If you have questions concerning the operation of your Whistler product, or require service during or after the warranty period, please call Customer Service at **1-800-531-0004**.

Representatives are available to answer your questions Monday - Friday from 8:00 a.m. to 5:00 p.m. (CST) or visit the F.A.Q.'s at www.**whistlergroup**.com.

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