

USER GUIDE

WIC-1750 Wireless Inspection Camera




WHISTLER

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WELCOME

Congratulations on your purchase of our inspection video camera with color LCD monitor with video out capabilities. Please read the user guide carefully before using this product. This product is designed as a remote inspection device, appropriate for use in surveying pipes or other hard-to-reach places, equipment or furnishing installation, car repair, etc.

If you have any question concerning the operation of this Whistler product please call:

Customer Service
1-800-531-0004
Monday - Friday 8:00AM - 5:00PM CT
or visit:
www.whistlergroup.com

INTRODUCTION

Please keep your purchase receipt in a safe place. You may register your product online at www.whistlergroup.com. For warranty verification purposes, a copy of your dated store receipt must accompany any unit sent in for warranty work. If the unit is returned without a dated store receipt, an out-of-warranty service charge will be applied.

NOTE: Your warranty period begins at the time of purchase. The warranty is validated only by dated store receipt! Please record the serial numbers (located on the back on the monitor and bottom of the handheld unit) in the space provided in the warranty section of this guide.

Enjoy your Whistler Inspection Camera.

Sincerely,

The Whistler Group, Inc.

PACKING LIST



9mm Waterproof
Camera Assembly



2.7" LCD
Color Monitor



USB Cable



Video Cable



Magnet
Accessory
Clip



Mirror
Accessory
Clip



Hook
Accessory
Clip

FEATURE DESCRIPTION

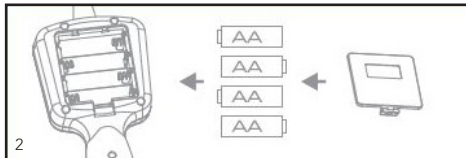
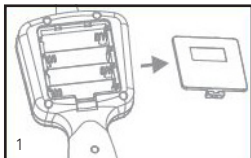
Getting Familiar with WIC-1750



INSTALLATION

Install Batteries

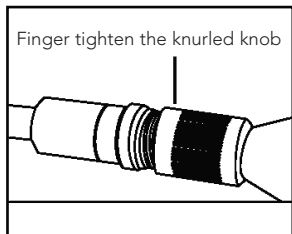
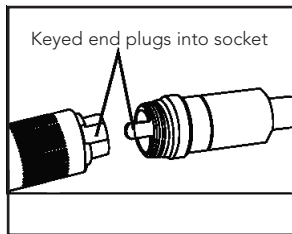
1. Remove the cover.
2. Insert four (4) new AA batteries into the appropriate slots. Proper battery orientation is indicated on the battery compartment.
3. Replace battery cover.



INSTALLATION

Install the Camera with Flexible Tube

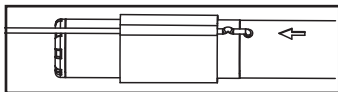
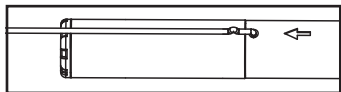
When connecting the camera tube to the handheld unit, make sure that the keyed ends are properly aligned. Once they are lined up, finger tighten the knob to hold the connector in place.



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.

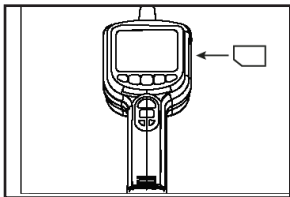


INSTALLATION

To Insert SD Card

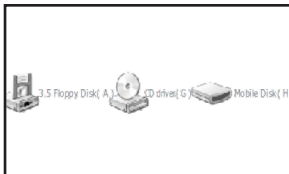
After SD card is inserted into SD card slot successfully, an SD card  icon will appear on the monitor screen; otherwise, the 'no SD card'  icon will show.

NOTE: If the device fails to read the SD card due to late insertion or some problem of the SD card, the screen displays "FORMAT SD CARD". If the SD card is in normal condition, press OK; otherwise, press YES to format the SD card.



To Connect USB Cable

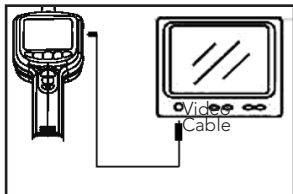
Use a USB cable to connect the product to any PC with a USB slot. Your computer should automatically recognize the new hardware, which you may browse by double-clicking on the My Computer icon on your desktop, and then navigating into the Mobile Disk directory.



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.



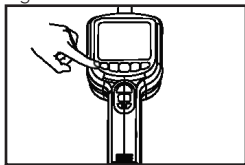
OPERATION

Operation

1. Press the power switch to turn the camera on (refer to Fig 1).
2. The power indicator will illuminate and the LCD will become viewable.
3. If the image on the LCD is unclear, try adjusting either the brightness or mirror controls on the monitor.
4. LEDs Brightness Control: The 5 levels of LED brightness can be adjusted by pressing the LEDs Brightness Control button.
5. To rotate the orientation of the image displayed on the LCD by 90 degrees, press the Mirror button. There are four (4) possible image orientations that you can toggle through by pressing this button.
6. When in use, the tube should easily maneuver itself into position (refer to Fig 3). Do not apply excessive force.
7. The accessories included with the unit can be used to retrieve small items like dropped rings, screws or grabbing wires (refer to Fig 4).

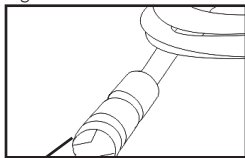
OPERATION

Fig 1



Power On Switch

Fig 2



LEDs Provide Illumination

Fig 3

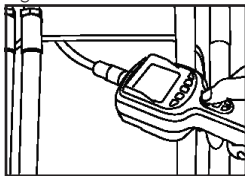
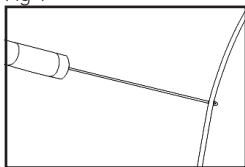


Fig 4



TIP! The flexible tube can be bent to accommodate exploration in a variety of locations.

IMPORTANT! Do not immerse the monitor in water. Store in a dry place. Such measures reduce the risk of electric shock and damage. Only the lens and tube are water resistant when the unit is fully assembled.

Image Rotation


To rotate the orientation of the image displayed on the LCD by 90 degrees, quickly press the Mirror button (same as Power Switch button).

There are four possible image orientations that you can toggle through by pressing this button.



NOTE: please just have a quick press (less than 1 second); pressing button longer will power off unit.

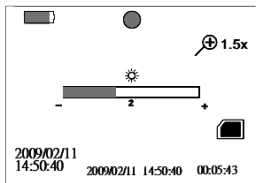
OPERATION

Zoom in Picture


In real-time monitoring mode, press the  button to zoom in (1.0X, 1.5X, 2.0X,3.0X) the picture.

LEDs Brightness Control

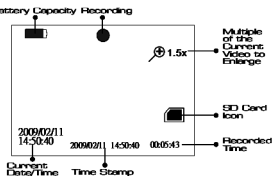
The 5 levels of LED brightness can be adjusted by pressing the  and  button in real-time monitoring or recording video mode.



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

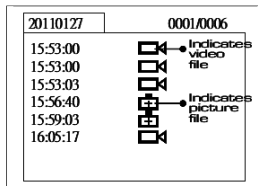
In real-time monitoring mode, press the  button to take a photo.



NOTE: "Memory Full" appears on the LCD screen to indicate that the SD card memory is full.

OPERATION



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.

3. For playback video:

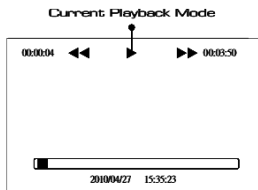
Press the  or  button to select your desired video, and then press **OK** button to playback.

Pause: press the **OK** button once to pause, press again to resume play;



Fast Forward: press and hold on the  button until the Current Playback Mode Icon switch to ;

Rewind: press and hold on the  button until the Current Playback Mode Icon switch to ;

Stop/Exit: press the **MENU** button.














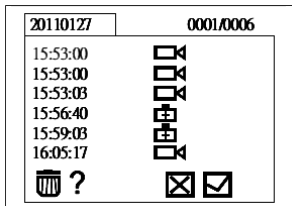
4. For viewing images:

Press the  or  button to select your desired image, press **OK** or **MENU** button to view and press again to exit.

OPERATION

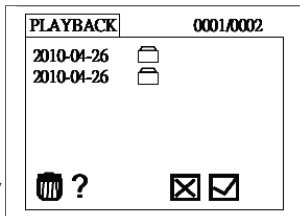
Deleting Video/Picture

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.



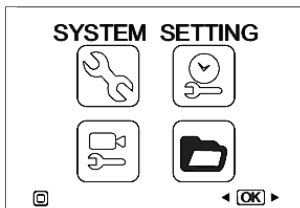
Deleting Folder

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



How to enter the Setting Mode

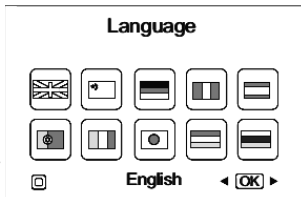
In real-time monitoring mode, press the **MENU** button:



OPERATION

Language Setting

1. In the setting mode, press the \leftarrow or \rightarrow button to select 'SYSTEM SETTING', and then press **OK** button.
2. Press the \leftarrow or \rightarrow button to select 'Language', and then press **OK** button, the following interface will appear:
3. Press the \leftarrow or \rightarrow 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 \leftarrow or \rightarrow button to select 'SYSTEM SETTING', and then press **OK** button.
2. Press the \leftarrow or \rightarrow button to select 'Video System' and then press **OK** button.
3. Press the \leftarrow or \rightarrow 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 \leftarrow or \rightarrow button to select 'SYSTEM SETTING', and then press the **OK** button.
2. Press the \leftarrow or \rightarrow button to select 'Format', and then press **OK** button.
3. Press the \leftarrow or \rightarrow 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.

OPERATION

Default Setup

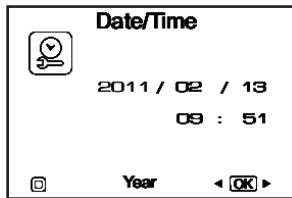
1. In the setting mode, press the **←** or **→** button to select 'SYSTEM SETTING', and then press **OK** button.
2. Press the **←** or **→** button to select 'Default Setup' and then press **OK** button.
3. Press the **←** or **→** button to toggle between **YES** and **NO**, that is to restore default 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.



OPERATION

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.

SPECIFICATIONS

Imaging Sensor	CMOS
Total Pixels	640 x 480 (NTSC)
Horizontal Viewing Angle	36 Degrees
Minimum Illumination	0 Lux
Night Vision Range	0.5m/1.64ft
Power Supply	4 x AA batteries
Tube Diameter	9mm
Waterproof Capacity	IP67 (for lens/tube only)
LCD Screen Type	2.7" TFT-LCD
Effective Pixels	480 x 234
Video System	NTSC
Consumption Current (Max.)	150mA
Dimensions (H x W x D)	3.14"H x 8.56"W x 13.38"D
Approx. Weight	385g/15.4 oz
Operating Temperature	-10 C~50 C/14 F~122 F
Operating Humidity (Max.)	15~85%RH

All specifications are subject to minor change without prior notice.

FCC INFORMATION

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

WARNINGS

- Turn off the system if it is not in use.
- This product can only be completely disconnected from its power source by removing the batteries.
- Attention should be given to the environmental aspects of battery disposal.
- Remove the batteries when cleaning the unit.
- Remove the batteries before storing the unit for a long time.
- When necessary, REPLACE ALL FOUR (4) BATTERIES in this unit with ones of the same type, not one (1) or two (2) batteries at a time. **NOTE:** Do not mix battery types.
- Use only the size and type of battery specified.
- Be sure to install the battery with the correct polarity as indicated in the battery compartment.
- Properly dispose of the batteries. Exposure to high temperatures can cause the batteries to explode, so do not dispose of in a fire. Place tape over the terminals to prevent direct contact with other objects. Some countries have regulations concerning battery disposal.
- Please follow all applicable regulations.

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.

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.

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.

WARRANTY

When returning a unit for service under warranty, please follow these instructions:

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.
 -

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.

WARRANTY

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.

The minimum out-of-warranty service fee for your Whistler WIC5000 is \$35.00 (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 \$35.00. 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 FAQ at

www.whistlergroup.com.

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www.whistlergroup.com.

CORPORATE HEADQUARTERS

1716 SW Commerce Dr. Ste.8

Bentonville, AR 72712

Toll Free (800) 531-0004

TEL (479) 273-6012

FX (479) 273-2927

www.whistlergroup.com

CUSTOMER RETURN CENTER

1412 South 1st St.

Rogers, AR 72756

Consumer Service Tel (800) 531-0004

Email: info@whistlergroup.com

P/N 501750

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