

WIC-1750
User Guide

WIC-1750 INSPECTION CAMERA

MULTI-PURPOSE




WHISTLER

TABLE OF CONTENTS

Introduction	3
Feature Descriptions	4
Installation	5 - 7
Operation	8 - 16
FCC Information	16
Troubleshooting	17 - 18
Warranty Information	19 - 22
Specifications	23

INTRODUCTION

Dear Whistler Customer,

Thank you for choosing a Whistler product. We are dedicated to providing products that represent both quality and value. Please read the user guide carefully before using this product.

If you have any question concerning the operation of this Whistler product please FAQ page on our website or call:

Customer Service

1-800-531-0004

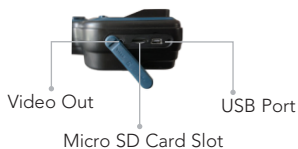
Monday - Friday • 8:00 am - 5:00 pm CT

or visit our website

www.whistlergroup.com

Sincerely,
The Whistler Group, Inc.

FEATURES DESCRIPTIONS



INSTALLATION

Installation

Install Batteries

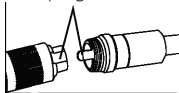
1. Remove the cover.
2. Insert four (4) new AA batteries into the appropriate slots. Proper battery orientation is indicated on the battery compartment.
3. Replace battery cover.



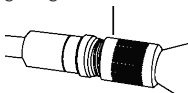
Install the Camera with Flexible Tube

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.

Keyed end plugs into socket



Finger tighten the knurled knob

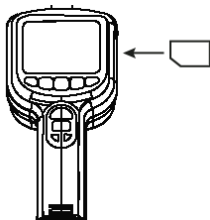


INSTALLATION

To Insert Micro SD Card

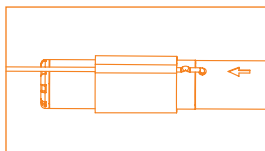
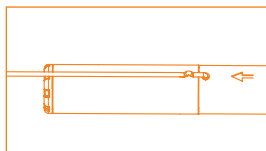
After card is inserted into the card slot successfully, an SD card icon will appear on the monitor screen; otherwise, the 'no SD card' icon will show.

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



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

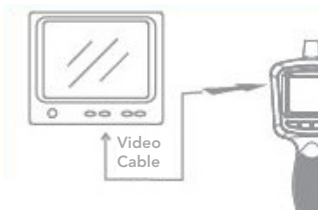
To Connect USB Cable

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.



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.



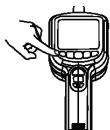
OPERATION

Operation

1. Press and hold 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. Refer to the LED's brightness control section of this guide.
5. To rotate the orientation of the image displayed on the LCD refer to the Image Rotation section of this guide.
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).

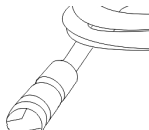
OPERATION

Fig 1



Power On Switch

Fig 2



LEDs Provide Illumination

Fig 3

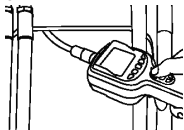
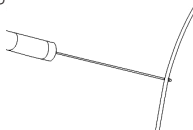


Fig 4



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/Mirror


To rotate the orientation of the image displayed on the LCD by 180°, quickly press the rotate button (same as Power Switch button).

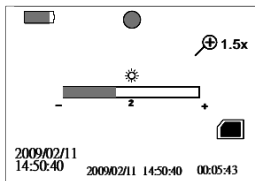
There are four possible image orientations that you can toggle through by pressing this button.

NOTE: Please just use 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, 2.5X, 3X) the picture.

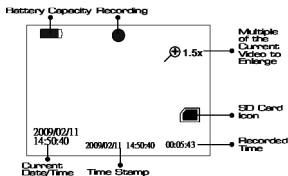


LEDs Brightness Control

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

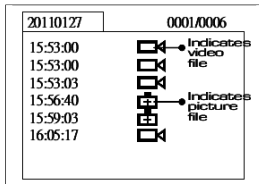
In real-time monitoring mode, press the  button to take a photo.



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:

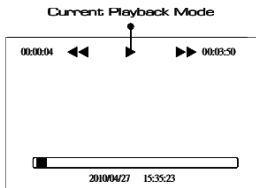
Press the  or  button to select your desired video, and then press **OK** button to playback.

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.














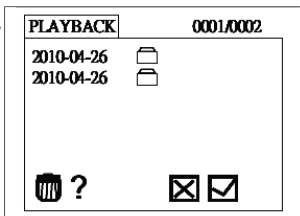
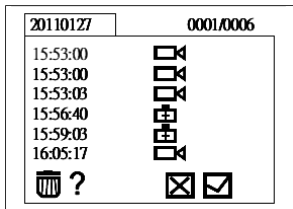
4. For viewing images:

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.

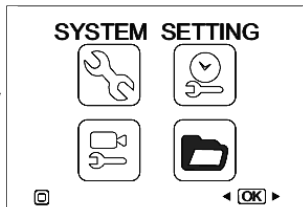


Deleting Folder

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

How to enter the Setting Mode

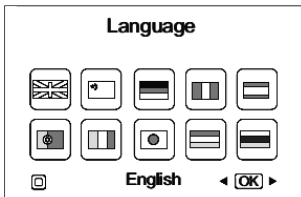
In real-time monitoring mode, press the **MENU** button:



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.

OPERATION

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.

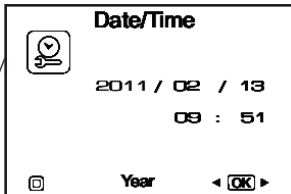
View Version Information

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.

OPERATION

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.

OPERATION

Time Stamp Setting

1. In the setting mode, press the \leftarrow or \rightarrow button to select 'RECORDER SETTING', and then press **OK** button.
2. Press the \leftarrow or \rightarrow button to select 'Time Stamp' and then press **OK** button.
3. Press the \leftarrow and \rightarrow 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 \leftarrow or \rightarrow 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

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.

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 User Guide 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 640 x 480 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 INFORMATION

Consumer Warranty

This Whistler product is warranted to the original purchaser for a period of one year from the date of original purchase against all defects in materials and workmanship. **This limited warranty is void if the unit is abused, modified, installed improperly, if the housing has been removed, or if the serial number is missing.** 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 the above time. Whistler is not liable for damages arising from the use, misuse, or operation of this product.

NOTE: Units that cannot be repaired will be replaced with the same or similar model. Replacement unit's warranty will be based on the original unit's purchase date.

Service Under Warranty

During the warranty period, defective units will be repaired without charge to the purchaser when returned with a dated store receipt to the address below. Units returned without a dated store receipt will be handled as described in section "Service Out-Of-Warranty."

WARRANTY INFORMATION

Due to the specialized equipment necessary for testing, there are no authorized service stations for Whistler products other than Whistler.

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

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!**

1. Include with your unit the following information, clearly printed:
 - Your name and street address (for shipping via UPS), 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 store receipt or bill of sale.
2. Be certain your unit is returned with its serial number.

WARRANTY INFORMATION

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 store receipt. You may register your warranty online at www.whistlergroup.com, however, for warranty verification purposes, a copy of your dated store receipt must accompany any unit 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 store receipt is not supplied.
- The unit has been returned without its serial number.
- The unit has been abused, modified, installed improperly, or had its housing removed.

The minimum out-of-warranty service fee for your Whistler WIC-1750 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 certified check or money order in the amount stated above. Payment may also be made by MasterCard, VISA or American Express; **personal checks are not accepted.**

WARRANTY INFORMATION

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.

If you elect not to have your unit repaired, it will be returned to you along with your certified check or money order.

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. (CT).

www.whistlergroup.com

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/PAL
Consumption Current (Max.)	150mA
Dimensions (H x W x D)	10.4"H x 3.25"W x 1.9" D
Approx. Weight	408g/14.4 oz
Operating Temperature	-10 C~50 C/14 F~122 F
Operating Humidity (Max.)	15~85%RH

Specifications are subject to change without notice.

CORPORATE HEADQUARTERS

1716 SW Commerce Dr. Ste. 8

Bentonville, AR 72712

Toll Free (800) 531-0004

TEL (479) 273-6012

www.whistlergroup.com

CUSTOMER RETURN CENTER

1412 South 1st St.

Rogers, AR 72756

Email: info@whistlergroup.com