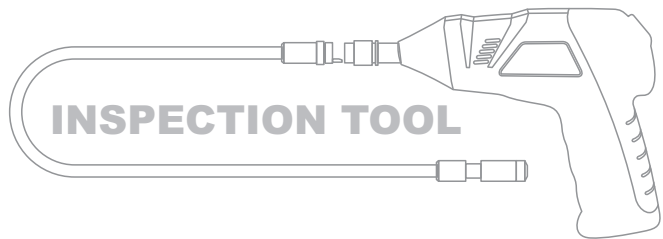


EXPLORER STANDARD



Model: 8802LE,8803LE

EU Environmental Protection

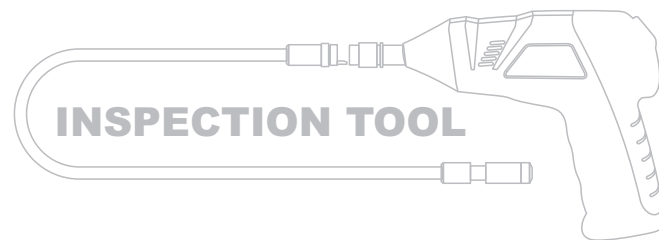
Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



EXPLORER STANDARD

USER MANUAL

Inspection Video Camera with
Color LCD Monitor



Model: 8802LE,8803LE

Version 1.4

Please read this user manual carefully before using this product.
Failure to understand operation procedures may result in injury.

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* 8802LE = GL8802(camera) + GL7802(monitor)	
8803LE = GL8803(camera) + GL7802(monitor)	

GENERAL SAFETY INFORMATION

WARNING! Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS!

- ※ Prevent object and liquid entry. Never spill liquid of any kind on the video display unit. Liquid increases the risk of electrical shock and damage to the product.
- ※ The unit is not shock-resistant. Do not use Explorer Standard as a hammer and avoid high impact resultant from things such as dropping the unit from height
- ※ Do not immerse camera handle or monitor in water. Avoid moisture, and store product in a dry place. Such measures reduce the risk of electric shock and damage. The lens and the tube are water resistant when the unit is fully assembled, but the monitor and camera are not.
- ※ Do not use the camera if condensation forms inside the lens. Let the water evaporate before using again.

Welcome

Congratulations on your purchase of our inspection video camera with color LCD monitor, The EXPLORER STANDARD. Please read the user manual 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.

Packing List



Handle x 1



LCD Monitor x 1

(optional)



Video cable



Magnet Bracket



Extension Tube

Only for GL8802



Mini 17mm Waterproof LED Lens



Hook x 1



Magnet x 1



Mirror x 1

(Optional)



Extension Tube

Only for GL8803



Mini 9mm Waterproof LED Lens



Hook x 1



Magnet x 1



Mirror x 1



Rubber ring x 1

Structure

Camera

Extension Tube Interface

Flexible Tube

17mm Waterproof LED Lens

Power Indicator

Signal Output

Power Switch

Battery Slot

Monitor

Video Output

Power Indicator

LCD ON/OFF

Power Switch

Image Orientation

Brightness

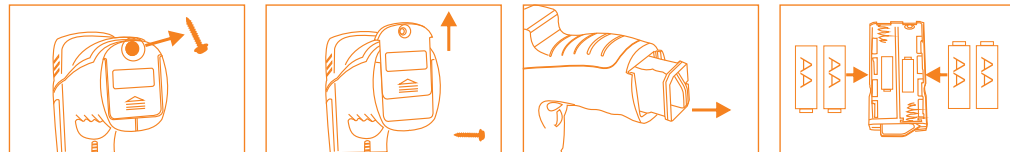
Contrast

Signal Input

Installation

To Install Batteries

1. Using a Philips head screwdriver, remove screw and cover as illustrated below:

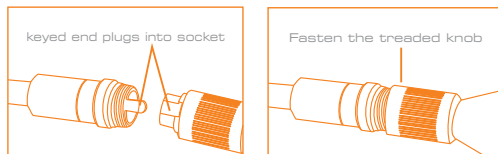


2. Remove battery compartment and insert four (4) AA batteries into their appropriate slots, with proper orientation, as indicated on the battery compartment.
3. Reinstall battery compartment and replace battery cover and screw

NOTE! Dry your hands before installation or replacing batteries.

To Attach Flexible Tube with Camera Handle

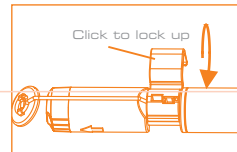
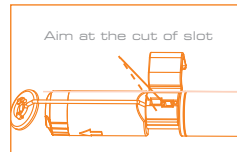
To connect the flexible tube camera with control handle, first make sure that the keyed end of the tube is aligned with the slot in the handle, then use slight force to push them together. Once properly aligned, twist the treaded knob clockwise until the connection is securely in place.



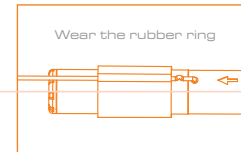
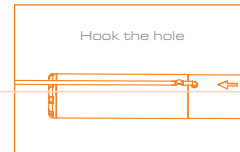
To Install Accessories

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

For GL8802



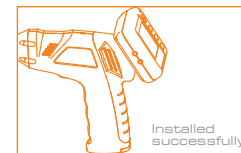
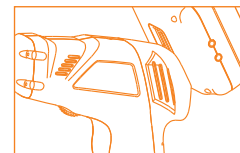
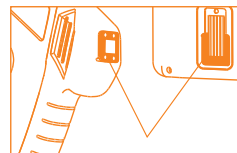
For GL8803



For GL8802: to prepare accessory for installation, push down on stem-side of black interface while pulling away from adjacent side. This will open the base of the accessory. Next, align inside of stem-side to either treaded surface at the base of camera head. Tighten to secure the accessory in place.

To Install Monitor

Explorer Standard supports wired use by connecting the monitor to the camera handle.



Align monitor docking station with flanges on back of camera

Make sure flanges enter wide side of docking station

Push together while sliding the monitor downward

To Install Extension Tube (The extension tube is optional)

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 treaded knob clockwise until the connection is securely in place. Repeat this process to connect the other end of extension tube to flexible camera tube.

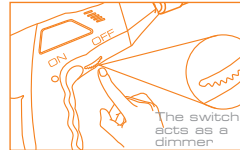
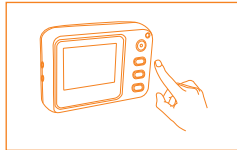
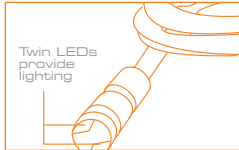
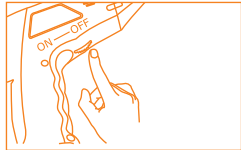
Video Output

Insert video cable into the video out socket of the monitor, insert the other end of the cable into the video in jack of any compatible TV or display device. The LCD monitor is now capable of outputting high quality video to another source.



Operation

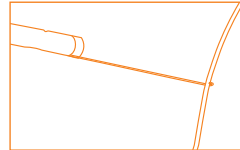
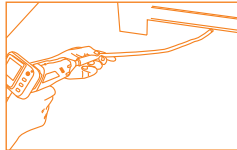
1. As you roll the power switch to turn the camera on, the power indicator on the camera handle will light. The rolling switch then acts as a dimmer for the twin LEDs that surround the camera on the one end of the flexible tube.
2. Once the power has been activated and monitor properly connected, pressing the power button on the monitor will cause the indicator light to turn green and the picture to display on the LCD. For better image effect, adjust brightness, contrast, and orientation by toggling the buttons on the monitor face.



3. When in use, the tube should easily maneuver itself into position. Do not apply excessive force.

TIP!

1. The flexible tube can be bent into numerous shapes that may help you explore areas you otherwise thought were impossible to see.
2. The accessories included with EXPLORER STANDARD can be used to retrieve small items like dropped rings or screws.



Specifications

	Model No.	8802LE	8803LE
camera	Imaging Sensor	CMOS	
	Total Pixels	704 x 576 (PAL); 712 x 486 (NTSC)	
	Horizontal Viewing Angle	50°	45°
	Minimum Illumination	0 Lux	
	Power Supply	4 x AA batteries	
	Waterproof Capacity	IP67 (for lens/tube only)	
	Tube Diameter	17mm	9mm
	Dimensions (W x D x H)	186 x 145 x 41 (mm) (Excluding Flexible Tube)	
monitor	Approx. Weight	440g	360g
	LCD Screen Type	2.36" FT-LCD	
	Effective Pixels	480 x 234	
	Video System	PAL/NTSC	
	Video Output Level	0.9-1.3V _{rms} @75ohm	
	Dimensions (W x D x H)	100 x 70 x 30 (mm)	
	Approx. Weight	88g	
	Operating Temperature	-10°C~50°C / 14°F~122°F	
	Operating Humidity (Max.)	15~85%RH	

* Actual transmission range of wireless monitoring may vary according to the weather, location, interference or building construction.

* All specifications are subject to minor change without prior notice.

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 unplugging the power adapter.
- Do not cut the DC power cable of provided with this product to fit with another power source.
- 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 new ones, not one (1) or two (2) batteries at a time.
- 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 batteries. Exposure to high temperatures can cause 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.

The graphics included in this user manual are subject to minor change without notice.