

model no. 057-4664-2

MASTERCRAFT

INSPECTION CAMERA

IMPORTANT: Please read this manual carefully before using this inspection camera and save it for reference

INSTRUCTION MANUAL

2

WARNING

model no. 057-4664-2 | contact us 1-800-689-9928

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.

SAVE THESE INSTRUCTIONS

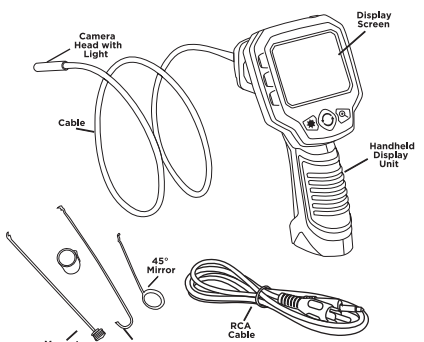
This manual contains important operating instructions. Read all instructions and follow them with use of this product.

3

FUNCTIONS

MASTERCRAFT

This inspection camera features a micro-camera which sends colour video images to the LCD so that areas which are difficult to access (cavities, shafts, masonry or inside cars, for example) can be checked.




NOTE:  
The camera focus is set to **3 cm - 7 cm**. Objects outside this range may appear blurred.

4

FUNCTIONS

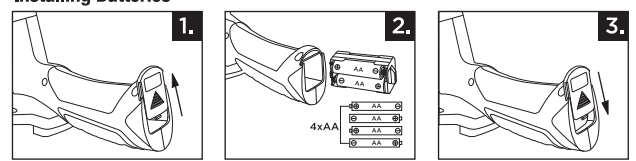
model no. 057-4664-2 | contact us 1-800-689-9928

LCD



a Battery status  
b Intensity of LED lighting (5 brightness levels)

Installing Batteries



1. Slide the battery cover off  
2. Remove the battery case, insert four AA batteries.  
3. Slide the battery case back in and replace the battery cover.

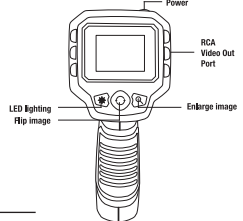
5

GENERAL OPERATING INSTRUCTIONS

MASTERCRAFT

Press and hold the Power button for 3 seconds to turn the camera on.

**Functions during image transmission**  
Line up the camera head on the flexible cable and move it to the required position.  
If lighting conditions are poor, switch on the LED lighting by pressing \* button.  
Zoom in on distant or small objects by pressing Q button.  
The manual flip function enables the image to be flipped horizontally and vertically by pressing R button.



**Live Viewing**  
View on Display Screen or use RCA cable to view on external monitor.

1. Press and hold the Power button to turn camera on.

2. LED lighting: Press \* button to dim and turn off light.

3. Flip image: Press the R button to flip image horizontally and vertically.

4. Enlarge image: Press the Q button to enlarge the image.

6

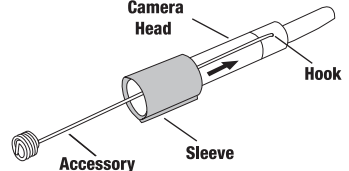
WARNING

model no. 057-4664-2 | contact us 1-800-689-9928

**TO PREVENT SERIOUS INJURY FROM ELECTRIC SHOCK:**  
**Make sure that the camera is OFF before performing any procedure in this section.**

1. Attaching Accessories:  
a. Carefully slide the accessory onto the camera head.  
b. To remove accessory, carefully slide the accessory off the camera head.

2. Connecting to External Monitor with RCA Cable:  
Plug one end into the RCA video out port on camera, then plug other end into RCA video in port on monitor.



When finished, press and hold the **Power** button to turn the Camera off, then clean and store according to **“Inspection and Maintenance.”**

7

INSPECTION AND MAINTENANCE

MASTERCRAFT


1. **BEFORE EACH USE**, inspect the general condition of the tool. Check for:  
• condensation in camera head,  
• cracked or damaged cable,  
• cracked or broken parts, and any other condition that may affect safe operation.

**Cleaning and Storage**

1. **BEFORE STORING**, use a mild detergent on a clean cloth to remove any oil, grease or dirt from the camera, especially on the buttons and ports, being careful to not put excessive pressure on the display screen.  
2. Remove batteries.  
3. Store the camera, cables and accessories in a locked area out of the reach of children.

**Troubleshooting**

Problem	Possible Causes	Likely Solutions
Display is on, but does not show image.	Camera head is dirty.	Clean camera head.
1. Light is dim at maximum brightness. 2. Display turns itself off. 3. Camera will not turn on.	Low batteries.	Replace batteries.

 Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect power supply before service.

8

SPECIFICATIONS

model no. 057-4664-2 | contact us 1-800-689-9928

Power supply	4 x AA batteries
LCD size	2.7" TFT colour LCD
Operating temperature	0 to 45°C (32 to 113°F)
LCD resolution	320 x 240 pixels
Camera	300K Pixel digital camera
Camera head size	9 mm
LED lights	4 x Adjustable LED
Sensor	1/9" VGA CMOS
Camera head rating	IP67
Storage temperature	-10 to 60°C (14 to 140°F)
Video output	RCA Cable

**Please Read the Following Carefully**  
THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST IN THIS DOCUMENT AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER NOR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

9


PARTS LIST

MASTERCRAFT


Part	Description	Qty
1	Handheld Display Unit	1
2	Cable with 9 mm Imager Head	1
3	RCA Cable	1
4	45° Mirror Attachment	1
5	Hook Attachment	1
6	Magnet Attachment	1

This Mastercraft product carries a one-year(1) warranty against defects in workmanship and materials. This product is not guaranteed against wear or breakage due to misuse and/or abuse.

Made in China  
Imported by Mastercraft Canada Toronto, Canada M4S 2B8

 Do not dispose of the device in normal domestic waste. Dispose of the device with a registered waste disposal firm or through your communal waste disposal facility. Observe current regulations. If in doubt, consult your waste disposal facility.

**Battery disposal**  
Batteries may not be disposed of with normal domestic waste. All consumers are obliged to dispose of batteries at the collection point in their community/district or with the original supplier. The purpose of this obligation is to ensure that batteries can be disposed of in an environmentally friendly manner. Only dispose of batteries when they are fully discharged.

 Dispose of the packaging materials in an environmentally responsible manner.

WARNING