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› Meike MK950C TTL Speedlite Camera Flash User Manual

MEKE MK-950C

Meike MK950C TTL Speedlite Camera Flash User Manual

Model: MK-950C

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Meike MK950C TTL Speedlite Camera Flash. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage to the unit or your camera. The Meike MK950C is designed to be compatible with various EOS cameras, offering advanced flash photography capabilities.



Image 1.1: Front view of the Meike MK950C TTL Speedlite Camera Flash. This image displays the overall design of the flash unit, including the flash head and main body.

2. SAFETY PRECAUTIONS

- Do not disassemble or attempt to repair the flash unit yourself. Refer to qualified service personnel.
- Keep the flash unit dry. Do not expose it to rain, moisture, or high humidity.
- Avoid direct eye exposure to the flash light, especially at close range, as it can cause temporary vision impairment.
- Use only specified batteries. Incorrect battery types or improper installation can lead to leakage, overheating, or explosion.
- Keep out of reach of children.
- Do not operate the flash in the presence of flammable gases or liquids.

3. PACKAGE CONTENTS

Please check that all items are present in your package:

- Meike MK950C TTL Speedlite Camera Flash
- Protective Bag
- Mini Stand
- User Manual (this document)

4. PRODUCT OVERVIEW AND PARTS IDENTIFICATION

Familiarize yourself with the various parts of the Meike MK950C flash unit:



Image 4.1: Labeled diagram of the Meike MK950C flash unit. This diagram identifies key components such as the LCD display, control buttons, flash head, battery cover, PC terminal, external power socket, and hot shoe.

1. **LCD Display:** Shows current settings and status.
2. **Test Button (PILOT):** Fires a test flash and indicates charging status.
3. **Mode Button:** Cycles through flash modes (TTL, Manual, Multi).
4. **Charging Indicator:** Lights up when the flash is ready to fire.
5. **Adjustment Buttons (<left>, <right>):** Used to navigate menus and adjust settings.
6. **SET Button:** Confirms selections.
7. **Power ON/OFF Button:** Turns the flash unit on or off.
8. **Zoom Button:** Adjusts the flash zoom head position.
9. **Wide-angle Diffuser:** Pulls out to spread light for wider coverage.
10. **Reflector Panel:** Pulls out to create catchlights in eyes.
11. **Flash Head:** The light-emitting part of the unit.
12. **Battery Cover:** Access for battery installation.
13. **PC Terminal (for input):** Connects to cameras or triggers via a PC sync cable.
14. **External Power Socket (connect SD-8A socket):** For connecting an external power pack to reduce recycle time.
15. **Hot Shoe:** Mounts the flash onto the camera's hot shoe.

5. SETUP

5.1 Battery Installation

1. Open the battery cover located on the side of the flash unit.
2. Insert four AA-size batteries (alkaline or Ni-MH rechargeable) according to the polarity indicators inside the battery compartment.
3. Close the battery cover securely.

5.2 Mounting to Camera Hot Shoe

1. Ensure both the flash and camera are turned off.
2. Slide the flash unit's hot shoe into the camera's hot shoe mount until it clicks into place.
3. Tighten the locking ring on the flash unit to secure it firmly to the camera.

5.3 Connecting External Power Pack

For faster recycle times and extended shooting, an external power pack (e.g., SD-8A) can be connected.

1. Locate the external power socket on the side of the flash unit.
2. Connect the appropriate cable from your external power pack to this socket.



Image 5.1: Side view of the Meike MK950C, showing the PC terminal and external power socket. These ports allow for wired synchronization and connection to external power sources.

5.4 Connecting PC Synchronous Port

The standard PC synchronous port allows for wired flash synchronization with cameras or studio triggers that support this connection.

1. Locate the PC terminal on the side of the flash unit.
2. Connect a PC sync cable from your camera or trigger to this port.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press and hold the **Power ON/OFF** button to turn the flash unit on or off. The LCD display will illuminate upon power-on.





Image 6.1: Close-up of the Meike MK950C control panel and LCD display. This image highlights the buttons for PILOT, MODE, ZOOM, ON/OFF, and the adjustment buttons, along with the SET button.

6.2 Mode Selection

Press the **Mode** button to cycle through the available flash modes:

- **TTL (Through-The-Lens):** Automatic flash exposure based on camera metering.
- **M (Manual):** Allows manual adjustment of flash output power.
- **Multi (Stroboflash):** Fires a series of rapid flashes during a single exposure for creative effects.



Image 6.2: Overview of Meike MK950C key features, including GN58, TTL/i-TTL, Strobeflash, Exposure Compensation, and Manual Setting. This graphic illustrates the primary operational capabilities of the flash unit.

6.3 Zoom Adjustment

Press the **Zoom** button to adjust the flash head's zoom position. This allows the flash to match the focal length of your lens for optimal light coverage. The zoom range is typically displayed on the LCD.

6.4 Exposure Compensation

In TTL mode, you can adjust flash exposure compensation using the adjustment buttons to fine-tune the flash output for desired brightness.

6.5 High-Speed Continuous Shooting

The MK950C supports high-speed continuous shooting at 8 frames per second (FPS) when the flash output level is set to 1/8 or below. This feature is useful for capturing fast-moving subjects.

6.6 Power Saving Mode

The flash unit features an improved power saving mode. In this mode, the flash will automatically shut down sooner when idle to conserve battery life. For non-saving mode, the automatic shutdown time is extended.

6.7 Super Speed Charging Recycle

The flash unit boasts a fast charging recycle time. It takes approximately 3 seconds to recycle after a full power output. Even without new batteries, the recycle speed is typically 4-5 seconds. Connecting an external power pack can further accelerate the charging speed.

6.8 Flash Head Rotation

The flash head can be rotated vertically and horizontally to bounce light off ceilings or walls, creating softer and more natural illumination.

- **Vertical Rotation Angle:** 0–90 degrees
- **Horizontal Rotation Angle:** 90–180 degrees

Diffuser Plate

It can spread even bright light with no dark corner



Image 6.3: Diagram illustrating the vertical and horizontal rotation capabilities of the Meike MK950C flash head. This flexibility allows for bounce flash techniques.

6.9 Using the Diffuser Plate and Reflector Panel

The built-in wide-angle diffuser and reflector panel can be pulled out from the flash head.

- **Wide-angle Diffuser:** Pull out the diffuser to spread the flash light evenly, especially useful for wide-angle lenses or to soften harsh light. It helps to eliminate dark corners in wide shots.
- **Reflector Panel:** Pull out the reflector panel to create a catchlight in the subject's eyes when using bounce flash.



Image 6.4: Illustration of the diffuser plate extended from the Meike MK950C flash head. The diffuser helps to spread light evenly and prevent dark corners in images.

7. MAINTENANCE

- Clean the flash unit regularly with a soft, dry cloth. Do not use solvents or abrasive cleaners.
- Ensure the hot shoe contacts are clean and free of debris for reliable communication with the camera.
- Remove batteries if the flash unit will not be used for an extended period to prevent leakage.
- Store the flash in a cool, dry place, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flash does not fire	- Batteries are depleted or incorrectly installed. - Flash is not securely mounted on the camera hot shoe. - Camera flash settings are incorrect. - Flash is in sleep mode.	- Replace batteries or check installation. - Re-mount and tighten the locking ring. - Check camera's flash mode and settings. - Press the PILOT button or any other button to wake the flash.
Flash output is too weak/strong	- Incorrect flash exposure compensation. - Flash mode (TTL/Manual) is not appropriate for the scene. - Flash zoom setting does not match lens focal length.	- Adjust flash exposure compensation. - Switch to TTL for automatic exposure or adjust manual power. - Adjust flash zoom to match lens focal length.
Long recycle time	- Batteries are low. - High flash output setting.	- Replace batteries. - Use an external power pack. - Reduce flash output power.
Flash head does not rotate smoothly	Obstruction or dirt.	Check for any obstructions and gently clean the rotating mechanism. Do not force rotation.

9. SPECIFICATIONS

Feature	Specification
Model	MK-950C
Guide Number	Not explicitly stated in specifications, but image 6.2 indicates GN58.
Compatible Mountings	Canon EOS (as per product title), Hot Shoe Mount
Flash Modes	TTL, Manual, Multi (Stroboflash)
Wireless Communication Technology	Optical Pulse (Slave mode)
Vertical Rotation Angle	0-90 degrees
Horizontal Rotation Angle	90-180 degrees
Power Source	4 x AA batteries
Recycle Time	Approx. 3 seconds (full power output)
Item Weight	1.04 pounds

Feature	Specification
Package Dimensions	8.35 x 3.66 x 2.72 inches
Manufacturer	HK Meike

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your proof of purchase for any warranty claims.

Manufacturer: MEKE

For further assistance, visit the official Meike website or contact their customer service department.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question