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> Meike MK-MT24II Macro Close-up Twin Lite Flash User Manual

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Model: MK-MT24II

INTRODUCTION

The Meike MK-MT24II Macro Close-up Twin Lite Flash system is designed for macro photography, providing versatile and precise lighting control. This system includes a TTL transceiver and two remote flash units, offering flexible positioning and advanced synchronization capabilities for various camera models.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x MK-GT620 TTL Transceiver
- 6 x Adapter Rings (52mm, 55mm, 62mm, 67mm, 72mm, 77mm)
- 2 x MK-R200 Remote Flash Units



Image: All components included in the Meike MK-MT24II Macro Twin Lite Flash package, neatly arranged with their carrying case and box.

SETUP GUIDE

1. Battery Installation

The MK-R200 remote flash units and the MK-GT620 TTL transceiver require AA/AAA Ni-MH batteries (not included). Ensure correct polarity when inserting batteries.

- **MK-R200 Flash Units:** Each requires 2x AAA Ni-MH batteries.
- **MK-GT620 Transceiver:** Requires 2x AA Ni-MH batteries.

2. Attaching the Transceiver to Camera

Slide the MK-GT620 TTL transceiver onto your camera's hot shoe mount until it clicks into place. Secure it if your camera's hot shoe has a locking mechanism.



Image: Close-up view of the MK-R200 remote flash units and the MK-GT620 TTL transceiver, showing their controls and battery compartments.

3. Attaching Flash Units to Lens

Select the appropriate adapter ring (52mm, 55mm, 62mm, 67mm, 72mm, or 77mm) that matches your camera lens filter thread. Screw the adapter ring onto the front of your lens. Then, attach the main ring to the adapter ring. Finally, slide the two MK-R200 remote flash units onto the main ring, positioning them as desired.



Image: The Meike MK-MT24II system components, including the two flash units, the main ring, and various adapter rings for different lens sizes.



Image: The Meike MK-MT24II Macro Twin Lite Flash system fully assembled on a camera, showing the two flash heads attached to the lens via the adapter ring.

OPERATING INSTRUCTIONS

1. Powering On and Linking

Turn on both the MK-GT620 transceiver and the MK-R200 flash units. They should automatically link. Ensure the ID is set to the default 0000 for initial setup.

2. Group and Channel Settings

The system supports 4 channels and 3 groups (A/B/C). Both the transceiver and flash units must be set to the same channel. You can assign different power levels to each group, allowing for precise lighting control.

*For product installation
under
macro mode*



GP:A



GP:B



Image: A diagram illustrating the wireless connection between the MK-GT620 transceiver and two MK-R200 flash units, labeled Group A and Group B, indicating their independent control.

3. Flash Mode and Intensity Adjustment

The MK-MT24II supports TTL (Through-The-Lens) automatic flash metering. You can also manually adjust flash intensity with 7 levels (1/64 to 1/1 output). The R200 units can rotate 60° horizontally and 45° vertically for flexible light positioning. Advanced features include High Speed Sync, Front-curtain Sync, FE lock, and Rear-curtain Sync, accessible through your camera's menu.



Image: A photographer in a field, kneeling and using the Meike MK-MT24II flash system attached to their camera for macro photography, demonstrating its outdoor application.



Image: An example of creative lighting using the Meike flash system to illuminate a series of colorful bottles, showcasing its ability to produce vibrant and controlled light.

MAINTENANCE

Cleaning

Wipe the flash units and transceiver with a soft, dry cloth. Do not use solvents or abrasive cleaners. Keep the hot shoe contacts clean to ensure proper communication with the camera.

Storage

When not in use for extended periods, remove batteries from all units to prevent leakage. Store the system in a cool, dry place, away from direct sunlight and extreme temperatures.

Battery Care

Use high-quality Ni-MH rechargeable batteries for optimal performance and recycle time. Fully charge batteries before

use. Battery life will vary based on flash power output and usage frequency.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashes not firing	Low or dead batteries. Units not powered on. Incorrect channel/group settings. Poor hot shoe connection.	Replace or recharge batteries. Ensure all units are powered on. Verify transceiver and flashes are on the same channel and group. Clean hot shoe contacts and ensure transceiver is fully seated.
Long recycle time	Low battery power. Using non-rechargeable or low-capacity batteries.	Recharge or replace batteries. Use high-quality Ni-MH rechargeable batteries.
Inconsistent flash output	Interference from other wireless devices. Flashes too far from transceiver. Obstructions between units.	Change channels. Reduce distance between units (stable within 15m). Ensure clear line of sight.

SPECIFICATIONS

Feature	Detail
Guide Number	10 (ISO 100.m), 14 (ISO 200.m)
LED Light	0.5W, 5500K±200, Ra 90
Groups & Channels	Group A/B/C, Channels 1/2/3/4
Wireless ID	Default 0000
S1/S2 Transmission Distance	Indoor >20m, Outdoor >10m
Wireless Control Distance	Stable within 15m (alignment >100m in open environment)
Cover Angle	Covers light of 24mm lens
Recycle Time	4s (1/1 output, 2.4-2.8V)
Battery (R200)	2x AAA Ni-MH (not included)
Battery (GT620)	2x AA Ni-MH (not included)
R200 Weight	Approx. 105g
R200 Dimensions (L*W*H)	80*60*75mm
Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 70°C
Flash Sync Speed	1/200 or 1/250

COMPATIBILITY

The Meike MK-MT24II Macro Close-up Twin Lite Flash is compatible with a wide range of cameras, including:

- **EF-Mount Digital SLR Cameras:** EOS Rebel T6s, T6i, T6, T5i, T4i, T3i; EOS 60D, 70D, 80D; EOS 7D, 7D MK II; Rebel T5i, T4i, T3i, T3, T2i, T1i, XSi, XTi, SL1; EOS 700D, 650D, 600D, 1100D, 550D, 500D, 450D, 400D, 100D, 300D; 5D, 5D4, 6D, 7D, etc.
- **RF Mount Mirrorless Cameras:** EOS R, EOS RP.

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