

Minolta 3600HS

Minolta Maxxum 3600HS TTL Shoe Mount Flash User Manual

Model: 3600HS

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Minolta Maxxum 3600HS TTL Shoe Mount Flash. This electronic flash unit is designed to provide powerful and versatile illumination for your photography needs.

The Maxxum 3600HS TTL Flash offers significant power, capable of lighting subjects at distances up to 26 meters when used with an AF 85mm f/1.4 G(D) lens with 85mm flash coverage. Its automatic power zoom function adjusts flash coverage for focal lengths from 24mm to 85mm. An included Wide Angle Adapter extends coverage to 17mm focal length. The compact design of the flash head ensures ease of handling and comfort during use.

2. SAFETY INFORMATION

Please read and understand all safety precautions before using the flash unit. Improper use can lead to injury or damage to the product.

- Do not attempt to disassemble or modify the flash unit. Internal high-voltage components can cause electric shock.
- Keep the flash unit dry. Exposure to water or moisture can cause malfunction or electric shock.
- Avoid direct eye exposure to the flash light, especially at close range, as it can temporarily impair vision.
- Use only recommended batteries. Incorrect battery types or improper insertion can lead to leakage, overheating, or explosion.
- Keep out of reach of children.

3. FLASH COMPONENTS

Familiarize yourself with the various parts of your Minolta Maxxum 3600HS flash unit.



Figure 3.1: Front View. This image shows the front of the Minolta Maxxum 3600HS flash, featuring the main flash tube and the red AF assist beam emitter below the 'MINOLTA' logo.



Figure 3.2: Top Control Panel. This image displays the top of the flash head, highlighting the control panel with buttons for ZOOM, HSS (High-Speed Sync), WL (Wireless), and the ON/OFF switch. Various indicators for flash modes (AUTO, M.ZOOM) and channels (CH1, CH2) are also visible.



Figure 3.3: Hot Shoe Mount. This image shows the rear of the flash unit, focusing on the hot shoe mount for attachment to a camera and the battery compartment cover.

4. SETUP

4.1 Battery Installation

1. Locate the battery compartment cover, typically on the side or rear of the flash unit.
2. Open the cover according to the indicator (e.g., slide or press and lift).
3. Insert four (4) AA-size batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

4.2 Mounting to Camera

1. Ensure both the camera and flash unit are powered off.
2. Slide the flash's hot shoe mount into the camera's hot shoe slot until it clicks into place or is firmly seated.
3. If your flash has a locking mechanism (e.g., a locking wheel or lever), secure it to prevent accidental detachment.

5. OPERATION

5.1 Power On/Off

To power on the flash, slide the ON/OFF switch to the 'ON' position. The flash will begin charging, and an indicator light will illuminate when ready to fire.

5.2 Flash Modes

The Minolta Maxxum 3600HS supports various flash modes for optimal exposure:

- **TTL (Through-The-Lens) Mode:** This is the standard automatic mode where the camera measures the

light through the lens and controls the flash output for correct exposure.

- **Automatic Power Zoom:** The flash head automatically adjusts its zoom position to match the focal length of your lens, ensuring efficient light distribution. This covers 24mm to 85mm.
- **Wide Angle Adapter:** For focal lengths wider than 24mm, attach the included wide-angle adapter to extend coverage down to 17mm.
- **High-Speed Sync (HSS):** Use the HSS button to enable high-speed synchronization, allowing flash photography at shutter speeds faster than the camera's normal sync speed. This is useful for freezing fast action or using flash in bright ambient light.
- **Wireless (WL) Mode:** The flash can be used as a wireless remote flash. Refer to your camera's manual for specific wireless flash control settings. Use the WL button to activate and select channels (CH1, CH2).

5.3 Bounce Flash

The flash head can be tilted upwards to bounce light off a ceiling or wall. This technique creates softer, more natural-looking illumination by diffusing the light source. Adjust the flash head to the desired angle for bounce photography.

6. MAINTENANCE

6.1 Cleaning

To clean the flash unit, gently wipe it with a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water and then wipe dry. Do not use organic solvents such as alcohol or paint thinner, as these can damage the finish.

6.2 Storage

When storing the flash for extended periods, remove the batteries to prevent leakage. Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your flash unit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flash does not fire.	Batteries are dead or incorrectly inserted. Flash is not fully charged. Flash is not securely mounted.	Replace batteries or ensure correct polarity. Wait for the ready indicator light. Re-mount the flash firmly on the camera hot shoe.
Images are too dark (underexposed).	Subject is too far away. Flash output is too low. Incorrect flash mode.	Move closer to the subject. Ensure flash is in TTL mode. Check camera settings for flash compensation.
Images are too bright (overexposed).	Subject is too close. Flash output is too high.	Increase distance from subject. Check camera settings for flash compensation.
Red-eye effect.	Direct flash into subject's eyes.	Use bounce flash or a red-eye reduction feature on your camera if available.

If the problem persists after trying these solutions, consult a qualified service technician.




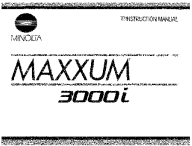
8. SPECIFICATIONS



- **Model:** Minolta Maxxum 3600HS
- **Manufacturer:** Minolta
- **Compatible Mountings:** Shoe Mount
- **Flash Type:** TTL Shoe Mount Flash
- **Power Output:** Lights subjects up to 26 meters (with AF 85mm f/1.4 G(D) lens)
- **Zoom Coverage:** Automatic, 24mm to 85mm (17mm with wide-angle adapter)
- **Wireless Communication:** RF (Radio Frequency)
- **Color Temperature:** Daylight balanced
- **Product Dimensions:** 6.9 x 4.5 x 3.5 inches
- **Item Weight:** 1.19 pounds

9. WARRANTY AND SUPPORT

Specific warranty information for the Minolta Maxxum 3600HS TTL Shoe Mount Flash is not available in the provided product data. For warranty claims or technical support, please refer to the original purchase documentation or contact Minolta customer service directly.

Related Documents - 3600HS

	Minolta 3600HS (D) Program Maxxum Flash Instruction Manual Comprehensive instruction manual for the Minolta 3600HS (D) Program Maxxum Flash, covering setup, operation, exposure modes, applications, safety precautions, and performance specifications. Learn how to use your flash effectively with various Minolta camera models.
	Minolta 3600HS (D) Flash Unit Instruction Manual Comprehensive user manual for the Minolta 3600HS (D) external flash unit, covering setup, operation, exposure modes, advanced features like High-Speed Sync and Wireless Flash, and safety precautions.
	Minolta Maxxum 9000: Comprehensive Owner's Manual and User Guide Explore the advanced features of the Minolta Maxxum 9000 SLR camera with this comprehensive owner's manual. Learn about autofocus, metering modes, exposure control, and system accessories for optimal photography.
	Minolta Maxxum 3000i Instruction Manual This instruction manual provides comprehensive guidance on operating the Minolta Maxxum 3000i autofocus SLR camera, covering its key features, accessories, and essential usage information.

	<p>Minolta MAXXUM FLASH 5600HS (D) Instruction Manual</p> <p>Comprehensive instruction manual for the Minolta MAXXUM FLASH 5600HS (D), detailing its features, operation, applications, and safety precautions for photographers.</p>
	<p>Minolta MAXXUM Camera User Manual</p> <p>Comprehensive guide to operating the Minolta MAXXUM camera, covering features like autofocus, program modes, film handling, and accessories. Learn to maximize your photography with this advanced camera system.</p>