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Hama 00005061

Hama Selen 1 Exposure Meter User Manual

Model: 00005061

INTRODUCTION

This manual provides comprehensive instructions for the proper use, setup, operation, and maintenance of your Hama Selen 1 Exposure Meter. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

PRODUCT OVERVIEW

The Hama Selen 1 is a compact and reliable exposure meter designed to assist photographers in achieving accurate light measurements for their photographic endeavors. It provides readings for film sensitivity, shutter speed, and aperture settings.



Figure 1: An image showing the Hama Selen 1 Exposure Meter. It is a compact, white and black device with a prominent circular dial on its front face. The dial features various settings for film sensitivity (ISO), aperture (f-stop), and shutter speed (time). A small window at the top of the device likely indicates the light reading.

SETUP

1. **Unpacking:** Carefully remove the Hama Selen 1 Exposure Meter from its packaging. Inspect for any signs of damage.
2. **Initial Inspection:** Ensure all components are present and the device appears intact.
3. **Power Source:** This device is typically self-powered (e.g., via a selenium cell) and does not require batteries. No battery installation is necessary.
4. **Setting Film Sensitivity (ISO):** Rotate the outer dial to align the desired film ISO sensitivity with the indicator. The meter supports ISO values from 6/9° to 6400/39°.

OPERATING INSTRUCTIONS

The Hama Selen 1 Exposure Meter operates by measuring incident light and providing corresponding aperture and

shutter speed combinations for correct exposure.

1. **Set Film Sensitivity:** As described in the Setup section, first set the ISO value corresponding to your film or camera sensor.
2. **Measure Light:** Point the light-sensitive cell (located on the front of the meter, typically under the clear window) towards the subject or the light source, depending on whether you are taking an incident or reflected light reading. For incident light, point it towards the camera from the subject's position.
3. **Read the Meter:** The needle in the display window will indicate a light value.
4. **Determine Exposure Settings:** Rotate the dial until the light value indicated by the needle aligns with the corresponding mark on the dial. Once aligned, you can read various combinations of aperture (f-stop) and shutter speed (time) that will result in a correct exposure for the set ISO.

Key Operating Ranges:

- **Film Sensitivity:** ISO 6/9° to 6400/39°
- **Shutter Speed:** 1/1000 second to 8 seconds
- **Light Value:** 2 to 20
- **Measurement Range (at ISO 100/21°):** Aperture / Shutter Speed combinations from 1.0/1/60 to 32/1/60

Note: Always ensure the light-sensitive cell is clean and unobstructed for accurate readings.

MAINTENANCE

- **Cleaning:** Use a soft, dry, lint-free cloth to gently wipe the exterior of the meter. For the light-sensitive cell and display window, use a lens cleaning cloth to avoid scratches. Do not use abrasive cleaners or solvents.
- **Storage:** Store the exposure meter in a cool, dry place, away from direct sunlight and extreme temperatures. Protect it from dust and moisture.
- **Handling:** Avoid dropping the meter or subjecting it to strong impacts, as this can affect its calibration and internal mechanisms.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Inaccurate Readings	<ul style="list-style-type: none">◦ Light cell obstructed or dirty.◦ Incorrect ISO setting.◦ Meter not pointed correctly.	<ul style="list-style-type: none">◦ Clean the light cell.◦ Verify and adjust ISO setting.◦ Ensure proper aiming for incident or reflected light.
Needle does not move	<ul style="list-style-type: none">◦ Insufficient light.◦ Internal malfunction.	<ul style="list-style-type: none">◦ Test in brighter conditions.◦ If problem persists, contact support (see Support section).

SPECIFICATIONS

Brand	Hama
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Model	00005061
Item Model Number	00005061
Package Dimensions (L x W x H)	23.01 x 14.15 x 3.51 cm
Weight	95.25 grams
Film Sensitivity Range	ISO 6/9° to 6400/39°
Shutter Speed Range	1/1000 - 8 seconds
Light Value Range	2 - 20
Measurement Range (at ISO 100/21°)	Aperture / Shutter Speed: 1.0/1/60 - 32/1/60
Manufacturer	Hama
Date First Available on Amazon.com.be	22 April 2022
Spare Parts Availability	Information not available
Software Updates Guaranteed Until	Information not available

WARRANTY INFORMATION

Information regarding the specific warranty terms for the Hama Selen 1 Exposure Meter is not available in the provided product details. Please refer to the product packaging or contact Hama directly for warranty details.

SUPPORT

For further assistance, technical support, or inquiries regarding your Hama Selen 1 Exposure Meter, please visit the official Hama website or contact their customer service department. Specific contact information is not available in the provided product details.