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Nikon SB-28 Speedlight Flash Instruction Manual

Model: SB-28

INTRODUCTION

This manual provides detailed instructions for the proper use and care of your Nikon SB-28 Speedlight Flash. Designed for compatibility with Nikon cameras, the SB-28 offers advanced flash capabilities to enhance your photography. Please read this manual thoroughly before using the flash unit to ensure safe and effective operation.

PRODUCT OVERVIEW

The Nikon SB-28 is a versatile shoe-mount flash unit. Key features include TTL exposure control, wired and wireless connectivity options, and a guide number of 100. It is designed to provide reliable illumination for various photographic situations.



Figure 1: Nikon SB-28 Speedlight Flash. This image shows the front view of the black flash unit with its head tilted upwards, revealing the flash tube and the Nikon Speedlight SB-28 branding on the body.

SETUP

1. Battery Installation

The SB-28 requires four AA or AAA batteries for operation. Ensure batteries are inserted with correct polarity as indicated inside the battery compartment. Close the battery compartment securely after installation.

2. Mounting the Flash Unit

Attach the SB-28 to your Nikon camera's hot shoe mount. Slide the flash unit fully into the hot shoe and secure it using the locking mechanism, if present, to prevent accidental detachment during use.

OPERATING INSTRUCTIONS

The Nikon SB-28 offers various modes and settings for diverse lighting needs.

- **Power On/Off:** Use the power switch to turn the flash unit on or off.
- **Exposure Control:** The SB-28 supports TTL (Through-The-Lens) exposure control, which automatically adjusts flash output for optimal exposure. Consult your camera's manual for specific TTL compatibility and settings.
- **Flash Modes:** Explore different flash modes such as Manual, Auto Aperture, and Rear-Curtain Sync. Refer to the flash unit's display and controls for mode selection.
- **Zoom Head:** The flash head features a zoom function to match the lens focal length, optimizing light coverage. Adjust manually or allow automatic adjustment if supported by your camera.
- **Bounce Flash:** The flash head can be tilted and rotated for bounce flash photography, allowing for softer, more natural lighting by reflecting light off ceilings or walls.
- **Wireless Operation:** The SB-28 supports wireless connectivity via optical pulse technology, enabling off-camera flash setups.
- **Self-Timer:** The unit includes a self-timer function.

For detailed instructions on specific functions and advanced settings, please refer to the on-unit display and controls.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the flash unit. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid using solvents or abrasive cleaners.
- **Storage:** When not in use for extended periods, remove the batteries to prevent leakage. Store the flash in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the flash unit to strong impacts, as this can damage internal components.

TROUBLESHOOTING

- **Flash Not Firing:**
 - Check battery levels and ensure they are correctly inserted.
 - Verify the flash is securely mounted on the camera's hot shoe.
 - Ensure the flash unit is powered on.
 - Check camera settings to confirm flash is enabled.
- **Incorrect Exposure:**
 - Confirm TTL mode is active if desired, or adjust manual power settings.
 - Check for obstructions in front of the flash or camera's metering sensor.
 - Ensure the flash head zoom matches the lens focal length.
- **Flash Overheating:**
 - Rapid consecutive flashes can cause overheating. Allow the unit to cool down.

If problems persist, consult a qualified service technician.

SPECIFICATIONS

Brand	Nikon
Model Name	SB-28
Compatible Mountings	Nikon
Camera Flash Type	Hotshoe
Exposure Control Type	TTL
Guide Number	100
Flash Sync Speed	1/250
Connectivity Technology	Wired, Wireless
Wireless Technology	Optical Pulse
Number of Batteries Required	4 AA or AAA batteries
Battery Average Life	6 Hours
Has Self-Timer	Yes
Item Dimensions (D x W x H)	2.7"D x 3.6"W x 5"H
Item Weight	11.2 ounces
Color	Black
Water Resistance Level	Not Water Resistant

WARRANTY AND SUPPORT

For information regarding warranty coverage, service, or technical support for your Nikon SB-28 Speedlight Flash, please refer to the official Nikon website or contact Nikon customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.