

[Manuals.plus](#) /

› [JINBEI](#) /

› JINBEI Speedlight Hi900 J308 Instruction Manual

JINBEI J308

JINBEI Speedlight Hi900 J308 Instruction Manual

1. INTRODUCTION

Thank you for choosing the JINBEI Speedlight Hi900 J308. This high-power clip-on strobe offers a maximum output of 80Ws and a Guide Number of 60, providing robust illumination for various photographic needs. Its rapid recycling time of 0.05 to 1.5 seconds at full power ensures excellent performance for continuous shooting. The wide power adjustment range, from full power down to 1/256, allows for precise and versatile lighting control to adapt to diverse shooting environments. This manual will guide you through the setup, operation, and maintenance of your Speedlight to ensure optimal performance and longevity.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the JINBEI Speedlight Hi900 J308. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not disassemble or modify the unit. Repairs should only be performed by authorized service personnel.
- Keep the unit dry. Do not expose it to rain, moisture, or high humidity.
- Avoid direct eye exposure to the flash. The intense light can cause temporary vision impairment.
- Do not operate the flash near flammable gases or liquids.
- Ensure the battery pack is inserted correctly and charged using the specified charger.
- Keep out of reach of children.

3. PRODUCT OVERVIEW

Familiarize yourself with the main components of your JINBEI Speedlight Hi900 J308.



Figure 3.1: Front view of the JINBEI Speedlight Hi900 J308, highlighting the flash head and the main body with the JINBEI logo.



Figure 3.2: A side view of the JINBEI Speedlight Hi900 J308, illustrating the LCD display panel and various control buttons for adjusting settings.



Figure 3.3: This close-up image details the hot shoe connection pins of the JINBEI

Speedlight Hi900 J308, designed for secure mounting and communication with compatible cameras.



Figure 3.4: The dedicated battery pack for the JINBEI Speedlight Hi900 J308, showing its contacts and form factor for insertion into the flash unit.

4. SETUP

4.1. Battery Installation

1. Locate the battery compartment on the Speedlight unit.
2. Open the battery compartment cover.
3. Insert the provided battery pack (Figure 3.4) into the compartment, ensuring the contacts align correctly.
4. Close the battery compartment cover securely.

4.2. Mounting the Speedlight to Your Camera

The JINBEI Speedlight Hi900 J308 features an integrated hot shoe compatible with multiple camera brands, including Nikon systems (Figure 3.5).

複数のブランドのカメラと互換性のある インテグレートッドホットシュー



Figure 3.5: A diagram demonstrating the integrated hot shoe's compatibility with various camera brands, ensuring broad usability for the JINBEI Speedlight Hi900 J308.

1. Ensure your camera is powered off.
2. Slide the Speedlight's hot shoe (Figure 3.3) into your camera's hot shoe mount until it clicks into place.
3. Tighten the locking mechanism (if present) on the Speedlight to secure it to the camera.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

- To power on, press and hold the power button until the LCD screen illuminates.
- To power off, press and hold the power button again until the screen turns off.

5.2. Flash Modes

The Speedlight supports the following flash modes:

- **TTL (Through-The-Lens) Auto:** The flash automatically adjusts its output based on the camera's metering system.
- **M (Manual):** Allows you to manually set the flash output level from 1/1 (full power) to 1/256.

5.3. Power Adjustment

In Manual mode, use the control dial or buttons (refer to Figure 3.2) to adjust the flash output level from 1.0 to 9.0 (equivalent to 1/256 to 1/1 power).

5.4. Zoom Function

The Speedlight features an 8-step zoom function, allowing you to match the flash coverage to your lens's focal length (24/28/35/50/70/80/105/200mm). Adjust this setting via the controls on the unit.

5.5. Sync Modes

Select from the following synchronization modes:

- **Front-curtain Sync:** The flash fires immediately after the first shutter curtain opens.
- **Rear-curtain Sync:** The flash fires just before the second shutter curtain closes, useful for creating motion blur effects.
- **HSS (High-Speed Sync):** Allows the flash to synchronize with shutter speeds faster than the camera's maximum sync speed.

5.6. Modeling Lamp

The integrated LED COB 3W modeling lamp (5000K±200K) can be used to preview lighting effects before taking a shot. Activate and adjust its brightness via the control panel.

5.7. Wireless Control

The Speedlight supports 2.4GHz wireless control, allowing remote triggering and adjustment of flash settings. The transmission distance is approximately 100m. Refer to your wireless trigger’s manual for pairing instructions.

5.8. Flash Head Rotation

The flash head offers flexible positioning for bounce flash and creative lighting.



Figure 3.6: This diagram illustrates the flexible movement of the flash head, capable of rotating -5 to 90 degrees vertically and 360 degrees horizontally for versatile lighting angles.

- **Vertical Rotation:** The flash head can be tilted from -5 to 90 degrees.
- **Horizontal Rotation:** The flash head can be rotated 360 degrees horizontally.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Speedlight.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the flash. For stubborn dirt, a slightly damp cloth can be used, followed by a dry one. Do not use solvents or abrasive cleaners.
- **Battery Care:** Store the battery pack in a cool, dry place when not in use. If storing for extended periods, charge the battery to approximately 50% capacity every few months to maintain its health.
- **Storage:** When not in use, store the Speedlight in its protective case or a dry, dust-free environment.

7. TROUBLESHOOTING

If you encounter issues with your JINBEI Speedlight Hi900 J308, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Flash does not fire.	Low battery, incorrect camera settings, flash not securely mounted.	Charge or replace battery. Check camera flash settings. Re-mount flash securely.
Flash output is inconsistent.	TTL metering issues, unstable power supply.	Ensure clean contacts between flash and camera. Try manual mode to verify. Ensure battery is fully charged.
Flash recycling time is slow.	Low battery, high power output setting.	Charge battery. Reduce flash power output.
Wireless control not working.	Incorrect channel/group settings, out of range, interference.	Verify channel and group settings on both flash and trigger. Ensure within 100m range. Avoid sources of 2.4GHz interference.

If the problem persists after trying these solutions, please contact customer support.

8. SPECIFICATIONS

Detailed technical specifications for the JINBEI Speedlight Hi900 J308.

Feature	Specification
Brand	SUNTECH (JINBEI)
Model Number	J308
Output / Guide Number	80Ws / GN60
Recycling Time	0.05 1.5s
Output Level (M/HSS)	1.0 9.0 (1/256 1/1)
Output Level (TTL)	±3.0EV
Zoom Function	8 steps (24/28/35/50/70/80/105/200mm)
Flash Modes	TTL (Auto) / M (Manual)
Sync Modes	Front-curtain Sync / Rear-curtain Sync / HSS
Color Temperature	6000K±150K
Flash Duration (t=0.5 Standard)	1/800 1/10000s
Flash Duration (t=0.5 High-Speed Flash)	1/1500 1/50000s
Modeling Lamp	LED COB 3W (5000K±200K)
Wireless Control	2.4GHz, Technical Conformity Mark certified
Wireless Transmission Distance	Approx. 100m

Feature	Specification
Compatible Mount	Nikon SB 700 (Hot Shoe Type)
Included Components	Battery Pack
Battery Pack Lifespan	5 years (approximate)
ASIN	B0D9D4XBS8

9. WARRANTY AND SUPPORT

The JINBEI Speedlight Hi900 J308 is covered by a manufacturer’s warranty. Please retain your proof of purchase for warranty claims.

- **Warranty Coverage:** The manufacturer’s warranty covers defects in materials and workmanship under normal use. Specific terms and duration may vary by region.
- **Customer Support:** For technical assistance, troubleshooting beyond this manual, or warranty service, please contact the retailer where you purchased the product or visit the official SUNTECH website for support contact information.

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

Open the live page

<https://manuals.plus/asin/B0D9D4XBS8>

More documents and user manuals: <https://manuals.plus/>