

 **westcott**[®]
FJ80[™] **SE**
SPEEDLIGHTS

QUICK START GUIDE

Visit fjwestcott.com/firmware to download the latest firmware

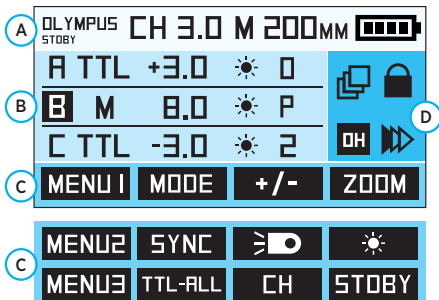
Included Components & Overview

FJ80-SE Speedlight, FJ80-SE Lithium-ion Battery, Battery Charger, Shoe Stand, Twist Lock Adapter Ring, Color Correction Gel, USB-A to USB-C Cable, Travel Case



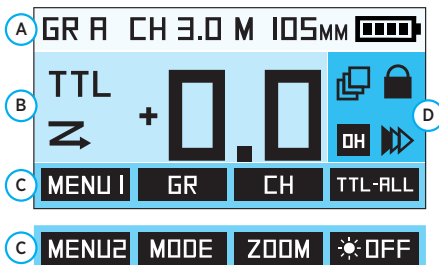
LCD Display & Menus

Host Menu



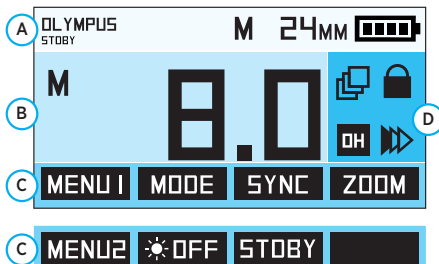
- (A) Camera Brand, Standby/Link, Channel, Zoom, Battery
- (B) Group, Mode, Power, Modeling Lamp
- (C) **Menu 1:** Mode, Power Output, Zoom
Menu 2: Sync, Speedlight Enable/Disable, Modeling Lamp
Menu 3: FJ Wireless Enabled, Channel, Standby On/Off
- (D) Continuous Capture, Lock, Overheat, Sync Mode

Client Menu



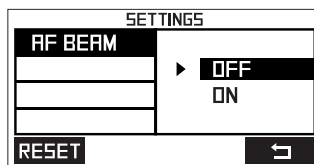
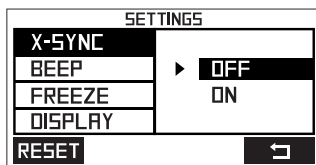
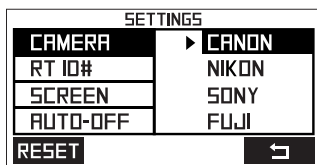
- (A) Group, Channel, Zoom
- (B) Mode, Client Mode Indicator, Power
- (C) **Menu 1:** Group, Channel, FJ Wireless Enabled
Menu 2: Mode, Zoom, Modeling Lamp
- (D) Continuous Capture, Lock, Overheat, Sync Mode

Speedlight Menu



- (A) Camera Brand, Standby/Link, Zoom
- (B) Mode, Power
- (C) **Menu 1:** Mode, Sync, Zoom
Menu 2: Modeling Lamp, Standby
- (D) Continuous Capture, Lock, Overheat, Sync Mode

Settings Menu



Introduction

This guide covers setup, controls, and basic operation. Visit fjwestcott.com/documentation and scroll to the Support section to download the complete FJ80-SE User Manual.



Warning

- **IMPORTANT:** During operation, the temperature of the speedlight lens and various components of the FJ80-SE speedlight may increase. Please use caution while using to avoid severe burns or injuries.
- Use only with the Westcott FJ80-SE Lithium-ion Battery and Charger.
- Do not touch the speedlight lens after immediate use to avoid potential injury.
- Never leave unattended around children and/or pets.
- Always confirm proper installation, locking, and unlocking when adding or removing from the camera hot shoe. Failure to completely rotate could result in damaging the locking pin.
- Keep away from fire, water, and moisture.
- Do not submerge in water.
- Avoid drastic temperature changes before, during, or after use.
- Always remove the FJ80-SE Lithium-ion Battery from the FJ80-SE Speedlight during travel/storage to avoid accidental operation, which could lead to overheating or permanent damage.
- Do not force adjust or add excessive weight to the speedlight head.
- Only use the FJ80-SE Speedlight with FJ80 Series compatible mounts, brackets, modifiers and/or accessories.
- The maximum operating temperature is 14-131°F (-10-55°C).
- Continued battery usage beyond the expected charge cycles will result in diminished performance and a decreased ability to hold a charge.
- To maintain optimal performance, avoid charging and using the battery outside the stated operating temperature range.
- To preserve battery longevity, store it at ~75% capacity in a dry environment at room temperature.
- When the battery is not in use, recharge it to ~75% capacity at least once every 3 months.
- Do not store batteries with loose items, especially metal objects, as this could pose a risk of electrical shock or fire.
- Do not attempt to modify any Westcott products. Contact Westcott for assistance.

Heat Protection

The FJ80-SE is equipped with a self-monitoring system ensuring safe operation during continued full-power use during a short time frame.

- Stage 1: Once the speedlight reaches an internal operating temperature of 185°F (85°C), the screen will display **OH**. The recycle time will also increase by 3.2 seconds in an effort to cool the unit while allowing for continued operation.
- Stage 2: Once the speedlight reaches an internal operating temperature of 215°F (102°C), the screen will display **OH**. The recycle time will also increase by an additional 3 seconds in an effort to cool the unit while allowing for continued operation.
- Stage 3: Once the speedlight reaches an internal operating temperature of 221°F (105°C), the screen will display **OH**. The recycle time will also increase by an additional 8 seconds in an effort to cool the unit while allowing for continued operation.

Note: The LED modeling lamp will be disabled during OH to assist in minimizing the internal temperature.

Getting Started

Charging the FJ80-SE Lithium-ion Battery

1. Ensure the FJ80-SE is powered **OFF** by sliding the **Power** slider down until the screen turns off.
2. Remove the battery by locating and pressing the release button on the side of the device.
3. Gently pull the battery away from the FJ80-SE battery well.
4. Connect one end of the USB cable to the battery charger.
5. Connect the other end into the AC adapter.
6. Plug the adapter into a wall outlet. The charger will blink green.
7. Align the gold contacts on the FJ80-SE battery with the contacts on the FJ80-SE charger.
8. Carefully insert the battery into the charger and gently press until it locks into place, causing the LED indicator to illuminate red.
9. Safely remove the battery from the charger once the LED indicator light turns solid green.
10. Remove the battery from the charger by holding the charger and gently pulling it upwards.
11. Reinsert the charged battery by aligning the gold contacts on the battery with those in the battery bay. Gently press the battery back into the FJ80-SE.

Battery Charger LED Indicator Light Colors

Blinking Green

No Battery Inserted: The charger is connected to a power outlet and is prepared to charge the FJ80-SE Battery.

Solid Green

With Battery Inserted: The FJ80-SE Battery is fully charged and can be removed from the charger.

Solid Yellow

With Battery Inserted: The FJ80-SE Battery is correctly inserted and at 50% charge level.

Solid Red

With Battery Inserted: The FJ80-SE Battery is correctly inserted and is currently charging.

Powering On

1. Ensure the battery is securely inserted to the FJ80-SE battery bay.
2. Turn the speedlight **ON** by sliding the **Power** slider upwards. The FJ80-SE will power on and a start-up screen will appear.

Note: The FJ80-SE LCD screen may have a removable clear screen protector. You can remove this protector at your convenience by gently pulling it away from the display.

Note: Achieving the maximum burst count requires that the screen intensity be set to **MIN** in the **Settings** menu.

Updating Firmware

The FJ80-SE is designed with a USB-C port to allow for firmware updates only. Future firmware updates may result in performance enhancements and modified menu options.



The FJ80-SE's firmware version is displayed on the start-up screen. Please visit [fjwestcott.com/firmware](https://www.fjwestcott.com/firmware) to update your FJ80-SE to the latest firmware. Follow the instructions included with the firmware download to update.

IMPORTANT

- If the FJ80-SE doesn't display as an external device after connecting to a computer, disconnect the USB cable from both devices, restart the computer and firmware update process.
- It's recommended that the firmware update installation process be completed only when the connected computer's power level is $\geq 25\%$. Loss of power of any type during this process could render the FJ80-SE inoperable and require professional repair.
- Removing the USB cable from the FJ80-SE without properly ejecting the device from your computer could render the trigger inoperable and require professional repair.
- Copying the firmware from your computer to the FJ80-SE may take a few minutes and/or halt the copying process. Should this happen, close the copy progress window and try again. Further copying issues may require the computer to be restarted.

Mounting

Attaching to a Camera

1. Confirm the FJ80-SE is **OFF**.
2. While looking at the display screen, rotate the FJ80-SE's locking dial clockwise (left to right) to loosen.
3. Slide the base of the FJ80-SE into the camera's hot shoe with the display facing the same direction as the rear of the camera.
4. Rotate the FJ80-SE locking dial counterclockwise (right to left) until it's securely mounted to the camera.
5. Turn on the camera and lightly press the shutter release button. The Link icon (🔗) will display on the speedlight screen signifying proper connection between the camera and speedlight.

Note: Compatible with Sony cameras in Manual mode. Sony Adapter (#4711) sold separately allows for TTL and HSS. Dedicated FJ80-SE for Sony cameras also available (#4664).

Detaching from a Camera

1. Confirm the FJ80-SE is **OFF**.
2. Rotate the FJ80-SE's locking dial clockwise (left to right).
3. Securely grasp the sides of the FJ80-SE Speedlight, gently slide the speedlight towards the rear of the camera to remove it from the hot shoe.

IMPORTANT: Ensure the locking pin is fully retracted before inserting or removing the FJ80-SE from a camera, shoe stand, or any brackets to avoid damaging the locking pin.

Attaching & Removing Accessories

FJ80-SE Cold Shoe Stand: Mounting & Removing

1. While looking at the display screen, rotate the FJ80-SE's locking dial clockwise (left to right) to loosen.
2. Slide the metal base of the FJ80-SE into the cold shoe stand with the display facing the same direction as the channel opening on the back of the shoe stand.
3. Rotate the FJ80-SE locking dial counterclockwise (right to left) until it's securely mounted to the cold shoe stand.
4. Remove the FJ80-SE Speedlight by rotating the FJ80-SE locking dial clockwise (left to right).
5. Securely grasp the sides of the FJ80-SE Speedlight, gently slide the speedlight towards the rear of the cold shoe stand and remove it from the cold shoe stand.

FJ80 Series Twist Lock Modifiers: Attachment and Removal

1. Ensure that the FJ80-SE's articulating flash head and lens are clear of any obstructions.
2. Align the four tabs on the modifier with the slots on the face of the FJ80-SE. Gently insert and twist clockwise until it locks into place. (Some modifiers may require an adapter ring.)
3. To remove the modifier, twist it counterclockwise until it is fully unlocked. Pull the modifier away from the speedlight head.

Note: Make sure the FJ80-SE has cooled down before adding or removing modifiers.

Accessories (Sold Separately)



5" Reflector
#4748



Diffusion Dome
#4757



Snoot with Honeycomb Grid
#4746

Warranty

Westcott's warranty obligations for this product are limited to the following terms.

The F.J. Westcott Co. ("Westcott") warrants this Westcott branded product against defects in materials and workmanship under normal use for a period of ONE (1) YEAR from the date of retail purchase from Westcott or an authorized retailer by the original end-user purchaser ("Warranty Period"). If a defect arises and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, Westcott will either (1) repair the defect at no charge, using new or refurbished replacement parts, or (2) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product. This Limited Warranty applies only to products manufactured by or for Westcott that can be identified by the Westcott trademark, trade name, or logo affixed to them.

This warranty does not apply to: (a) damage caused by accident, abuse, misuse, flood, fire, earthquake, mold, or other external causes; (b) damage caused by operating the product outside the permitted or intended uses described by Westcott; (c) a product or part that has been modified to alter functionality or capability without the written permission of Westcott; or (d) cosmetic damage, including but not limited to scratches, dents and broken plastic.

Disclaimer: By purchasing, borrowing and/or using this product for any event, both public or private, you, the customer, accepts all responsibility and releases Westcott, and its associates, of any and all liability in the event of manufacturer's defect, malfunction or misuse of the product which may lead to further injuries or complications unforeseen by the user. Westcott is not responsible for any potential or incurred damage caused by failure to properly mount, hang, or store the product, which includes, but is not limited to damage to cameras, electronics, electrical equipment, buildings, building materials, personal injury, death, or disability, fire damage, or any and all other damage not mentioned previously.

Please contact Westcott Customer Support for a Return Authorization Number "RMA" prior to requesting warranty service. This RMA must be clearly written on the outside of the box to the left of the shipping label. Items sent in without pre-authorization or that do not fall under the limited warranty will be returned at the expense of the sender.

Phone: 419-243-7311

Email: support@fjwestcott.com

Shipping: F.J. Westcott Co, 1425-B Holland Rd. Maumee, OH 43537

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