

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

QUICK START GUIDE

Visit fjwestcott.com/firmware to download the latest firmware

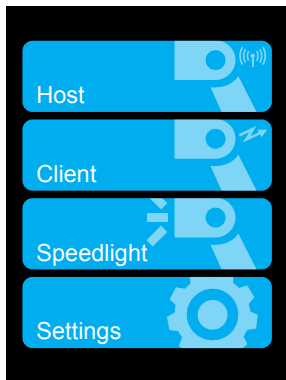
Included Components & Overview

FJ80 II Speedlight, FJ80 II Lithium Polymer Battery, Battery Charger, Shoe Stand, USB-A to USB-C Cable, Travel Case



LCD Display & Menus

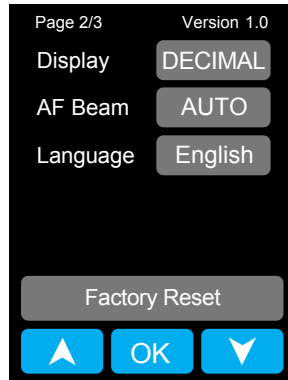
Main Menu



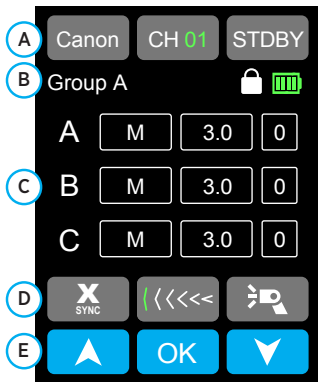
Settings Menu



Settings Menu



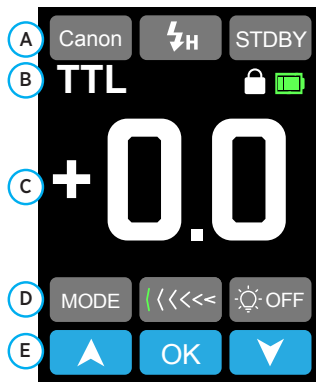
Host Menu



Client Menu



Speedlight Menu



- A** Camera Brand Selection, Channel Selection, Standby
- B** Group Selection, Lock Icon, Battery Icon Indicator
- C** TTL / M Group Designations, Power Output Value / FEC ± 3 , Modeling Lamp Control
- D** Sync Function Selection, Zoom Selection, Host Speedlight Enable/Disable
- E** Selection Control Arrows, OK Button

- A** FJ Wireless Enabled, Channel Selection, Group Selection
- B** Flash Mode Icon, Lock Icon, Battery Icon Indicator
- C** Power Output Value / FEC ± 3
- D** Sync Function Icon
- E** Mode Selection, Zoom Selection, Modeling Lamp Setting
- F** Selection Control Arrows, OK Button

- A** Camera Brand Selection, Sync Function Selection, Standby
- B** Flash Mode Icon, Lock Icon, Battery Icon Indicator
- C** Power Output Value / FEC ± 3
- D** Mode Selection, Zoom Selection, Modeling Lamp Setting
- E** Selection Control Arrows, OK Button

Introduction

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



Warning

- **IMPORTANT:** During operation, the temperature of the speedlight lens and various components of the FJ80 II speedlight may increase. Please use caution while using to avoid severe burns or injuries.
- Use only with the Westcott FJ80 II Lithium Polymer 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 II Lithium Polymer Battery from the FJ80 II 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 II Speedlight with FJ80 Series compatible mounts, brackets, modifiers and/or accessories.
- Do not attempt to modify any Westcott products. Contact Westcott for assistance.
- The maximum operating temperature is 14-122°F (-10-50°C).

Dual-Stage Heat Protection

The FJ80 II is equipped with a self-monitoring system ensuring safe operation during continued full-power use during a short timeframe. The monitoring system provides a staged automatic protection scenario;

- Stage 1: Once the speedlight reaches an internal operating temperature of 212°F (100°C), the screen will display a yellow **OH**. The recycle time will also increase to 2 seconds in efforts to cool the unit while allowing for further operation.
- Stage 2: Once the strobe reaches an internal operating temperature of 266°F (130°C), the screen will display a red **OH** icon. The recycle time will increase an additional 2 seconds in efforts to cool the unit while allowing for further operation.
- Once the unit has cooled, the red **OH** will disappear from the touchscreen, and it will then be safe to continue operation.

Note: The LED modeling lamp will be disabled during **OH** in efforts to minimize heat.

Getting Started

Charging the FJ80 II Lithium Polymer Battery

1. Ensure the FJ80 II is **OFF** by long-pressing the **Power** button until the LCD screen turns off.
2. Remove the battery from the FJ80 II by pressing the two release buttons on the sides of the battery and gently pull the battery away from the FJ80 II battery port.
3. Connect the USB-C Cord to the FJ80 II Battery Charger and plug the AC adapter into a wall outlet.
4. Align the metal contacts on the back of the FJ80 II battery with the contacts on the FJ80 II charger; while pressing the buttons on the side of the battery, gently insert the battery into the charger and gently press down until the battery locks into place.
5. The battery is charged and can be safely removed from the charger when all of the LED indicator lights turns green.
6. Remove the battery from the charger by pressing the side release buttons and gently pulling away from the charger.

Battery Charger LED Indicator Light Colors:

Green:

- *No Battery Inserted:* One indicator illuminated green means the charger is plugged into a power outlet and ready to charge the FJ80 II Li-po Battery.
- *Battery Inserted:* The FJ80 II Battery is fully-charged and ready to be removed from the charger.

Orange:

- *Battery Inserted:* The FJ80 II Battery is correctly inserted and charging.

Attaching the Lithium Polymer Battery

Attach the FJ80 II Battery into the speedlight by aligning the metal contacts on the back of the battery to the contacts on the FJ80 II battery port and *gently* press the battery into the port until it clicks into place.

Powering On

1. Ensure the FJ80 II battery has been fully charged.
2. Ensure the battery is securely attached to the FJ80 II.
3. Turn the speedlight **ON** by long-pressing the **Power** button, then tap the blue power logo on the screen until the start-up screen appears.

Note: The FJ80 II LCD Touchscreen is protected by a removable clear screen protector that can be removed at any time by gently pulling the film away from the display.

Mounting

Attaching to a Camera or the Cold Shoe Stand

1. Ensure the FJ80 II is **OFF** and rotate the dial all the way to the right.
2. Slide the FJ80 II Speedlight base into the camera's hot shoe or cold shoe stand with the touchscreen facing the same direction as the rear of the camera or channel opening on the back of the shoe stand. (Note: Using the FJ80 II M on Sony cameras **REQUIRES** the #4711 FJ Adapter for Sony Cameras.)
3. Rotate the **Shoe Lock** dial left until it's securely mounted to the camera. Do not overtighten.

Detaching from a Camera or the Cold Shoe Stand

1. Ensure the FJ80 II is **OFF**.
2. Rotate the **Shoe Lock** dial left to right. (Note: Ensure that the dial has been completely moved to the right. Otherwise, the locking pin may be permanently damaged upon removal of the speedlight.)
3. Securely grasp the sides of the FJ80 II Speedlight, gently slide the speedlight towards the rear of the camera or cold shoe stand, and completely remove it from the camera's hot shoe or cold shoe stand.

Note: Never force or remove the FJ80 II into or away from the camera's hot shoe.

Attaching & Removing Modifiers

FJ80 Series Twist Lock Modifiers: Attachment and Removal

1. Ensure that the FJ80 II'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 II. 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 II has cooled down before adding or removing modifiers.

Accessories (Sold Separately)



5" Reflector
#4748



Diffusion Dome
#4757



Snoot with Honeycomb Grid
#4746

Updating Firmware

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



The FJ80 II's firmware version is displayed on the start-up screen. Please visit fjwestcott.com/firmware to update your FJ80 II to the latest firmware. Follow the instructions included with the firmware download to update.

IMPORTANT

- If the FJ80 II doesn't display as an external device after connecting to a computer, disconnect the USB cable from both devices and 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 II inoperable and require professional repair.
- Removing the USB cable from the FJ80 II 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 II 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.

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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