

westcott[®]

FJ100[™]

STROBE

QUICK START GUIDE

Visit fjwestcott.com/firmware to download the latest firmware

Included Components & Overview

Strobe, Tilter Bracket, FJ Mini AC/DC Battery, AC/DC Adapter, USB Cable, Travel Case

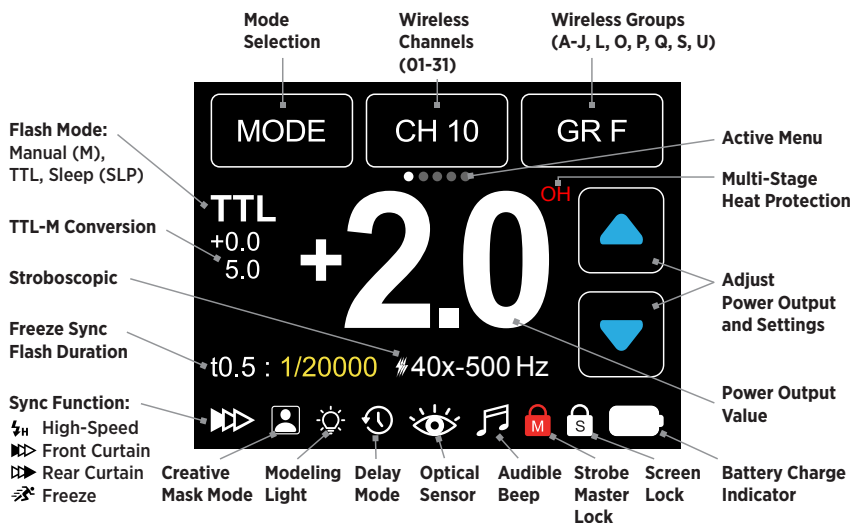


Introduction

This guide provides an overview of setup, controls, and basic operation. For detailed instructions, visit fjwestcott.com/manuals to access the complete User Manual and video instruction guide.



Touchscreen Display & Menus



Menu Options

- **MENU 1:** Modes, Channels, Groups
- **MENU 2:** Sync Functions, Modeling Light Output, Zoom
- **MENU 3:** Creative Mask Mode, Creative Mask Frames, Creative Mask Sequence
- **MENU 4:** Delay Mode, Delay Time, Master Lock
- **MENU 5:** Stroboscopic Mode, Stroboscopic Times, Stroboscopic Hz

Quick Tips

- To navigate through the menus, swipe the menu buttons at the top of the screen
- Access the Settings menu by swiping down from the top of the screen
- To close a tab, tap the  icon, tap the open tab title, or tap another tab
- Access the Help Screen in an open tab by pressing the  icon

Warning

- **IMPORTANT:** During operation, the flash tube, LED modeling light, and certain components of the FJ100 strobe may become hot. Exercise caution to avoid burns or injury.
- Use only with the FJ Mini Battery and the included AC/DC Adapter with charging cord.
- To prevent injury, avoid touching the Fresnel lens or LED modeling light immediately after use.
- Never leave strobe unattended, especially in the presence of children or pets.
- Keep away from fire, water, and moisture. Do not submerge in water.
- Protect from drastic temperature changes before, during, or after use to prevent potential damage.
- Remove the FJ Mini Battery during travel or storage to prevent accidental activation, overheating, or damage.
- Avoid overtightening the tilter bracket tension knob or umbrella tension screw.
- Ensure the FJ100 strobe is securely mounted before operation.
- Use only compatible modifiers and accessories, ensuring they are properly attached before use.
- Do not attempt to modify any Westcott products. For assistance, contact Westcott support.
- Operate the strobe in temperatures ranging from 32°F to 113°F (0°C to 45°C) for optimal performance.

Heat Protection System

The FJ100 Strobe features an advanced multi-stage heat protection system designed to ensure consistent and safe performance during extended use. In the unlikely event that the strobe approaches a critical temperature threshold, an automatic shutoff feature is activated to prevent overheating. The display will show OH (overheat) as a clear visual indicator.

- **Stage 1:** Once the strobe reaches an internal operating temperature of 201.2°F (94°C), the screen will display a yellow OH indicator. The recycle time will also increase by 3 seconds in an effort to cool the unit while allowing for continued operation.
- **Stage 2:** Once the strobe reaches an internal operating temperature of 206.6°F (97°C), the screen will display a yellow OH indicator. The recycle time will also increase by an additional 5 seconds in an effort to cool the unit while allowing for continued operation.
- **Stage 3:** Once the strobe reaches an internal operating temperature of 212°F (100°C), the screen will display an orange OH indicator. The recycle time will also increase by an additional 7 seconds in an effort to cool the unit while allowing for continued operation.
- **Stage 4:** Once the strobe reaches an internal operating temperature of 217.4°F (103°C), the screen will display a red OH indicator. The recycle time will also increase by an additional 10 seconds in an effort to cool the unit while allowing for continued operation.

Once the unit has cooled, the red OH will disappear from the touchscreen, and it will then be safe to continue operation.

The LED modeling light will be disabled during OH to assist in reducing the internal temperature.

Getting Started

Charging the FJ Mini Battery

This battery can be charged either while detached or connected to the strobe via the AC/DC Adapter and Cord.

1. Ensure the FJ100 is powered off by pressing and holding the Power button on the side of the strobe until the screen turns off.
2. Remove the battery by locating and pulling the release tab on the underside of the strobe.
3. Gently pull the battery away from the FJ100 battery bay.
4. Connect one end of the USB cable to the battery.
5. Connect the other end of the USB cable to the USB AC/DC Adapter.
6. Plug the AC/DC Adapter into a wall outlet.
7. The LED indicator on the battery will blink red when charging.
8. Safely remove the USB cable from the battery once the LED indicator light turns solid green.

Battery LED Indicator Light Colors:

Solid Green: The FJ Mini Battery is fully charged and can be removed from the AC/DC Adapter.

Blinking Red: The FJ Mini Battery is correctly inserted and is currently charging.

Inserting the Battery

Insert the battery by aligning the contacts on the battery with those in the battery bay. Gently press the battery into the FJ100.

AC Power Operation

1. Verify that the battery charge level is at least 25% before connecting to AC power.
2. Power off the FJ100 by pressing and holding the Power button on the side of the strobe until the screen turns off.
3. Connect one end of the USB cable to the battery.
4. Connect the other end of the USB cable to the AC/DC Adapter.
5. Plug the AC/DC Adapter into a wall outlet.
6. Power on the FJ100 by pressing and holding the Power button on the side of the strobe until the screen illuminates.

DC Power Operation

1. Ensure the FJ Mini Battery is fully charged for optimal performance.
2. Confirm that the battery is securely inserted into the FJ100 Strobe.
3. Power on the FJ100 by pressing and holding the Power button on the side of the strobe until the screen illuminates.

Mounting

Mounting to a Light Stand or Easy Boom

1. Rotate the tilter bracket knob counterclockwise until the light stand receptacle is positioned perpendicular to the strobe body. Retighten knob.
2. Loosen the tension knob located on the lower part of the tilter bracket by turning it counterclockwise.
3. Insert the 5/8" (16mm) light stand or Easy Boom spigot into the tilter bracket's receptacle.
4. Secure the strobe by tightening the lower tension knob clockwise until it is firmly attached to the light stand. Ensure the strobe is stable and properly aligned before use.

Attaching & Removing Modifiers

The FJ100 Strobe is compatible with Westcott accessories featuring a twist lock mount, as well as softboxes up to 1.3 lbs. when used with a Westcott Switch Insert (Westcott Mini) #2545. It also features an 8mm umbrella mount compatible with umbrella-based modifiers up to 1.3 lbs. For larger modifiers, use a Westcott S-Bracket 2 #2553.

Attaching a Modifier

1. Ensure the strobe is powered OFF and has cooled for 10 minutes.
2. Grasp the adapter ring attached to the modifier and align its four-square mounting blocks with the openings located on the face of the strobe.
3. Insert the adapter ring and turn clockwise until the adapter ring locks into place.

Removing a Modifier

1. Ensure the strobe is powered OFF and cooled for at least 10 minutes.
2. Firmly hold the adapter ring attached to the modifier to ensure a secure grip.
3. Rotate the modifier's adapter ring counterclockwise until the four-square mounting blocks align with the openings on the strobe's adapter ring. Once aligned, carefully pull the modifier away from the strobe to detach it.

Attaching an Umbrella-Based Modifier

1. Ensure the strobe is powered OFF and has cooled for 10 minutes.
2. Grasp the umbrella's shaft and slide into the strobe's umbrella receptacle on the tilter bracket.

The umbrella receptacle will accept an 8mm umbrella shaft.

Removing an Umbrella-Based Modifier

1. Ensure the strobe is turned OFF and has cooled for 10 minutes.
2. Hold the umbrella shaft securely and gently slide it out of the umbrella receptacle.

Never force attachment or removal of modifiers or adapter rings. Remove them carefully to protect the Fresnel lens and components to prevent damage.

Updating Firmware

The strobe is equipped with a USB-C port dedicated to firmware updates. Firmware updates may bring performance enhancements, new or modified menu options, and improvements to the overall interface.



The strobe's firmware version is displayed on the start-up screen. It is recommended to regularly check for the latest firmware at **fjwestcott.com/firmware** to ensure your strobe is up to date. Follow the instructions included with the firmware download to update.

Important Notes for the Firmware Update Process

- If the strobe does not appear as an external device after connecting to the computer, disconnect the USB cable from both the strobe and the computer. Restart your computer and try the firmware installation process again from the beginning.
- Perform the firmware update only when the computer's power level is at or above 50%. Any loss of power during the update process can potentially make the strobe inoperable, requiring professional repair.
- Always properly eject the FJ100 Strobe from your computer before disconnecting the USB-C cable. Failure to do so may corrupt the firmware installation and render the strobe unusable, requiring professional repair.
- Depending on your operating system and running applications, transferring the firmware file may take several minutes or could temporarily stall. If the transfer process halts, close the progress window and attempt the transfer again. If the issue persists, restart your computer and repeat the process.

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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