

# Quick start guide

## Raven

FUSION TLC

## Welcome to the nest!

We're delighted to invite you to our community of avid photographers and creators. The Raven is designed for those who defy convention and push the limits of what's possible behind the lens.

We created the Raven with one goal in mind: bring *total light control* to your fingertips. We can't wait to see what you create.

The following guide is a quick start guide. To access the full documentation and see inspiring stories about the Raven, navigate to [FusionTLC.com/support](https://FusionTLC.com/support) or scan:



Enjoy your new Raven!

Jim Clark and Jason Lin, founders

# United States and Canada

**WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Mounting and cable connections detailed in this document represent the intended usage, however, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and the receiver.
3. Consult the dealer or an experienced radio or television technician for help.

This device complies with Part 15 of the FCC rules and also with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Part 15.21: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

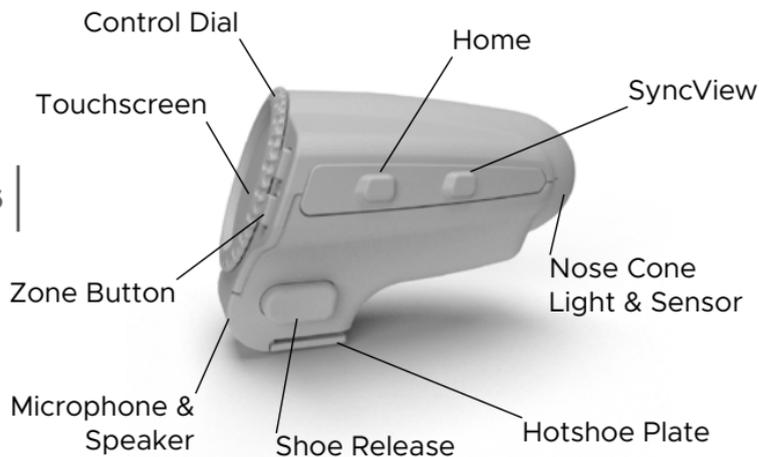
WiFi FCC ID: 2AC7Z-ESPWROOM32D  
WiFi IC: 21098-ESPWROOM32D

FCC ID: 2AWL4-R1  
IC: 26969-R1

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## Physical Orientation



Zone Control Display



Quick Settings Menu

## Getting Started

### Turning on the Raven

Press and hold the **Home** button for 1 second. The FusionTLC icon and logo will appear while the Raven boots up. The Raven will then launch the **Zone Control Display**.

### Turning off the Raven

Press and hold the **Home** button for 5 seconds. A slide-to-power-off button will appear. Slide the button to the right with your finger.

### Mounting Raven on Camera

Confirm that the make of the camera and model of Raven are identical (e.g. Nikon camera and Nikon-Raven). The make of the Raven is described on the label on the underside of the Raven. Press and hold the **Shoe Release** on both sides of the Raven and then slide the Raven onto the hotshoe mount of the camera. Do not force the Raven onto the hotshoe mount.

## Navigating Interface

### Zone Control Display

**Enable a zone:** a zone that is enabled will display an intensity value in its respective quadrant. If a zone is not enabled, no intensity value will be displayed. If a zone is enabled, the Raven will trigger it. To enable a zone, press and hold the **Zone Button** for 3 seconds OR tap and hold the zone field on the touchscreen for 3 seconds. The same process is used to disable a zone.

**Select a zone:** a zone that is selected will display a white circle around the zone letter. To select a zone, press the **Zone Button** once or tap the zone on the touchscreen. The same process is used to deselect a zone.

**Edit a zone:** select the zones you wish to edit. Then tap the central zone edit icon:



You will then be taken to the zone edit menu.

### Zone Edit Screen

The zone edit menu contains the following options in clockwise order starting at top:

- (1) disable selected zone(s)
- (2) enable/disable TTL
- (3) enable/disable SpeedCycle
- (4) enable/disable MultiPop
- (5) enable/disable modeling light control
- (6) enable/disable manual mode



### Quick Settings Menu

This menu is accessed by swiping from top to bottom while in the **Zone Control Display**. The quick settings menu contains the following options in clockwise order starting at top:

- (1) select primary brand channel
- (2) cloud software update
- (3) screen brightness
- (4) primary/secondary brand selection
- (5) speaker on/off
- (6) nose cone light on/off



## Connecting a Flash

### Prepare Raven

In the **Quick Settings Menu**, tap the **primary/secondary brand selection** button at the bottom. Select your primary and secondary flash brand from the list of available flash brands. If you are only utilizing one flash brand, select “None” for the secondary.

Select the zone(s) for which you want to utilize a flash brand. Edit these zones to correspond to the desired use (i.e. TTL, Multi-Pop, etc).

Advanced: select the channel you’d like to control the flash with in the **Quick Settings Menu** by selecting the **primary brand channel** button.

### Prepare Flash

Place the flash in the same mode (TTL or Manual) and zone as the zone on the Raven you’d like to connect. If using PocketWizard, the remote must be in TTL mode.

### Test Connection

Press the **Test** button on the Raven to send a test flash command to all active zones. If a flash does not fire, confirm the following:

- (1) Flash & Raven zones are the same and in same control mode
- (2) Flash is powered on and able to receive control signals
- (3) Flash is compatible with Raven. For compatibility, see [FusionTLC.com/compatibility](https://FusionTLC.com/compatibility) or scan:



- (4) Flash & Raven are updated to the latest

## Warranty

This FusionTLC product is covered by a one-year limited warranty. For details and to register, navigate to [FusionTLC.com/warranty](https://FusionTLC.com/warranty) or scan:



## Support

We're here to help you.  
Visit [FusionTLC.com/support](https://FusionTLC.com/support) or scan:

