

# Canon C100

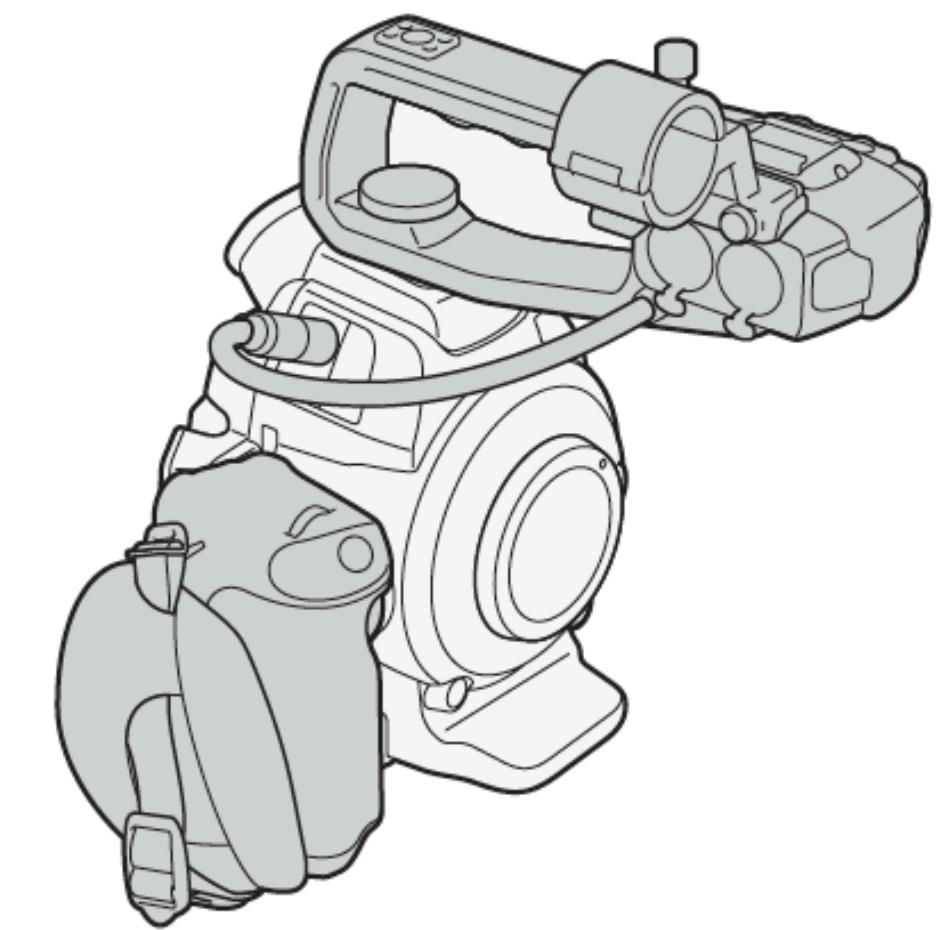
## Camera Assembly + Setup

Marty Lucas • March 22, 2022



# Camera Assembly

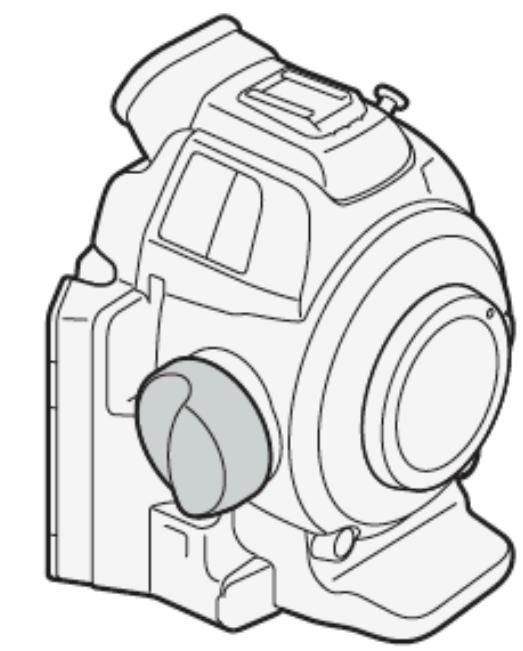
- Mount handle
- Adjust grip
- Check tension on strap
- Check lens mounting
- Insert battery
- Insert SD card



Configuration with handle: Attach the handle unit to use the built-in microphone, XLR terminals, microphone holder, etc. (☞ 73)



Light configuration with grip for hand-held shooting



You will not be able to change any settings that require using the joystick\*. Also, the control dial (☞ 59, 60) and MAGN. button/Assignable button 7 (☞ 85) cannot be used to operate the camcorder.

\* These include all settings in the menus (☞ 27, 127), white balance, ISO speed/gain and shutter speed (☞ 52), custom picture settings (☞ 88), etc.

# Pre-shooting setup

# Shooting setup

# Continuous Adjustment

You can think of the camera setup as something you can break into three groups. The first you do for the whole project, the second before your filming day starts. The third group you play with all the time.

# C 100 Camera Setup

## Bit Rate/ Frame Rate

### Selecting the Bit Rate

The bit rate selected determines also the resolution (frame size) and audio recording mode of the recordings.

Operating modes: **CAMERA** **MEDIA**

- 1 Open the [Bit Rate] submenu to set the bit rate and resolution.  
[ Other Functions] ➔ [Bit Rate]
- 2 Select the desired option and then press the joystick.
  - The selected bit rate will appear on the upper right of the screen.

### Selecting the Frame Rate

Operating modes: **CAMERA** **MEDIA**

- 1 Open the [Frame Rate] submenu to set the frame rate.  
[ Other Functions] ➔ [Frame Rate]
- 2 Select the desired option and then press the joystick.
  - The selected frame rate will appear on the upper right of the screen.

[ Other Functions]

[Bit Rate]

[24 Mbps LPCM]

[ Other Functions]

[Frame Rate]

[60i] or [50i]\*

\* Depending on the country/region of purchase.

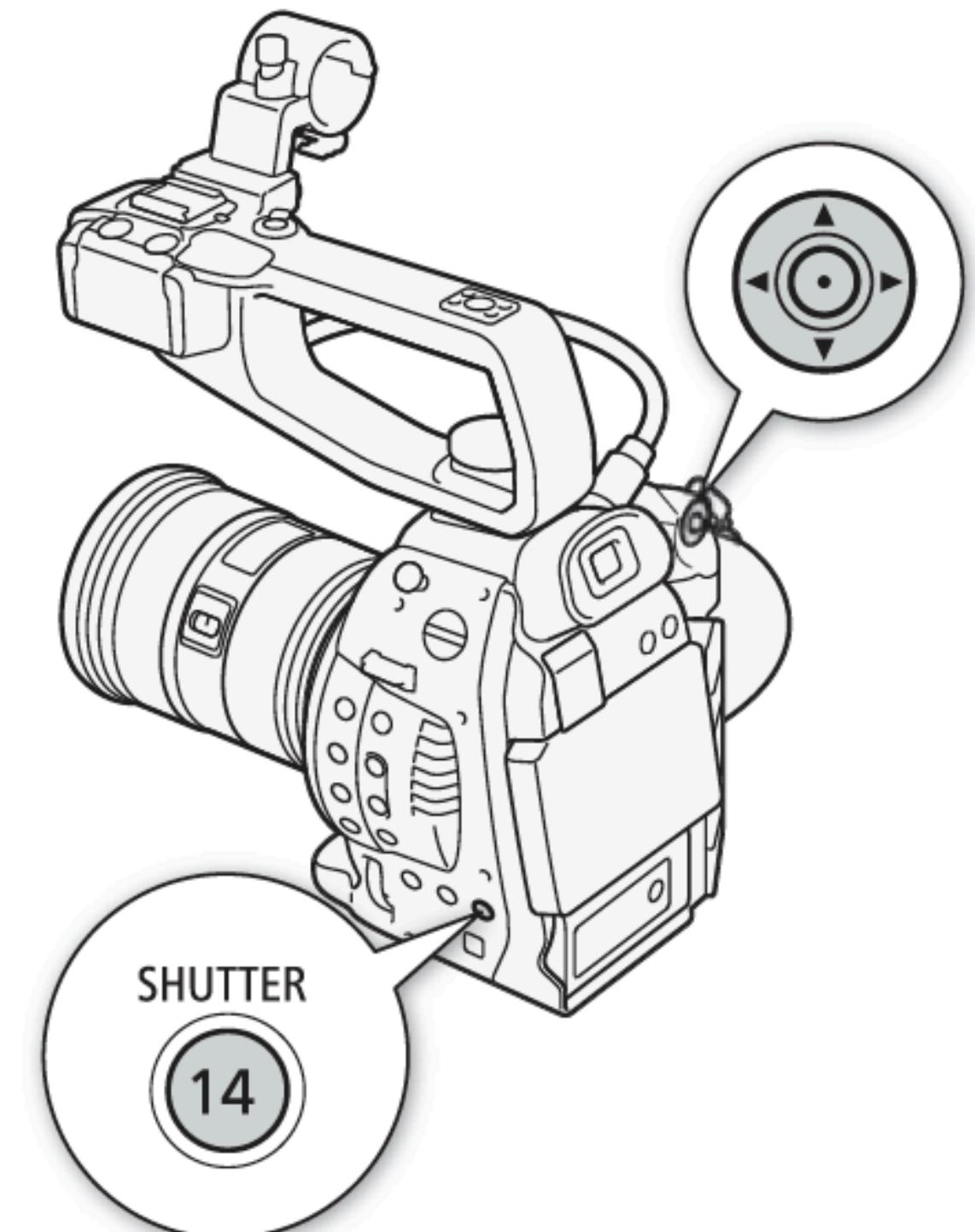
# C100 Setup

## Shutter Speed

- Set shutter speed for 50% of the frame rate initially and plan to leave it there.

### Adjusting the Shutter Value

- 1 Press the SHUTTER button.
  - The current shutter value will be highlighted in orange.
- 2 Push the joystick up/down to select the desired shutter value (shutter speed, angle value or clear scan frequency) and then press the joystick.
  - The selected shutter value will be set and the display will return to normal.
  - You can also adjust the shutter value using only the joystick (☞ 52).



# C100 Setup

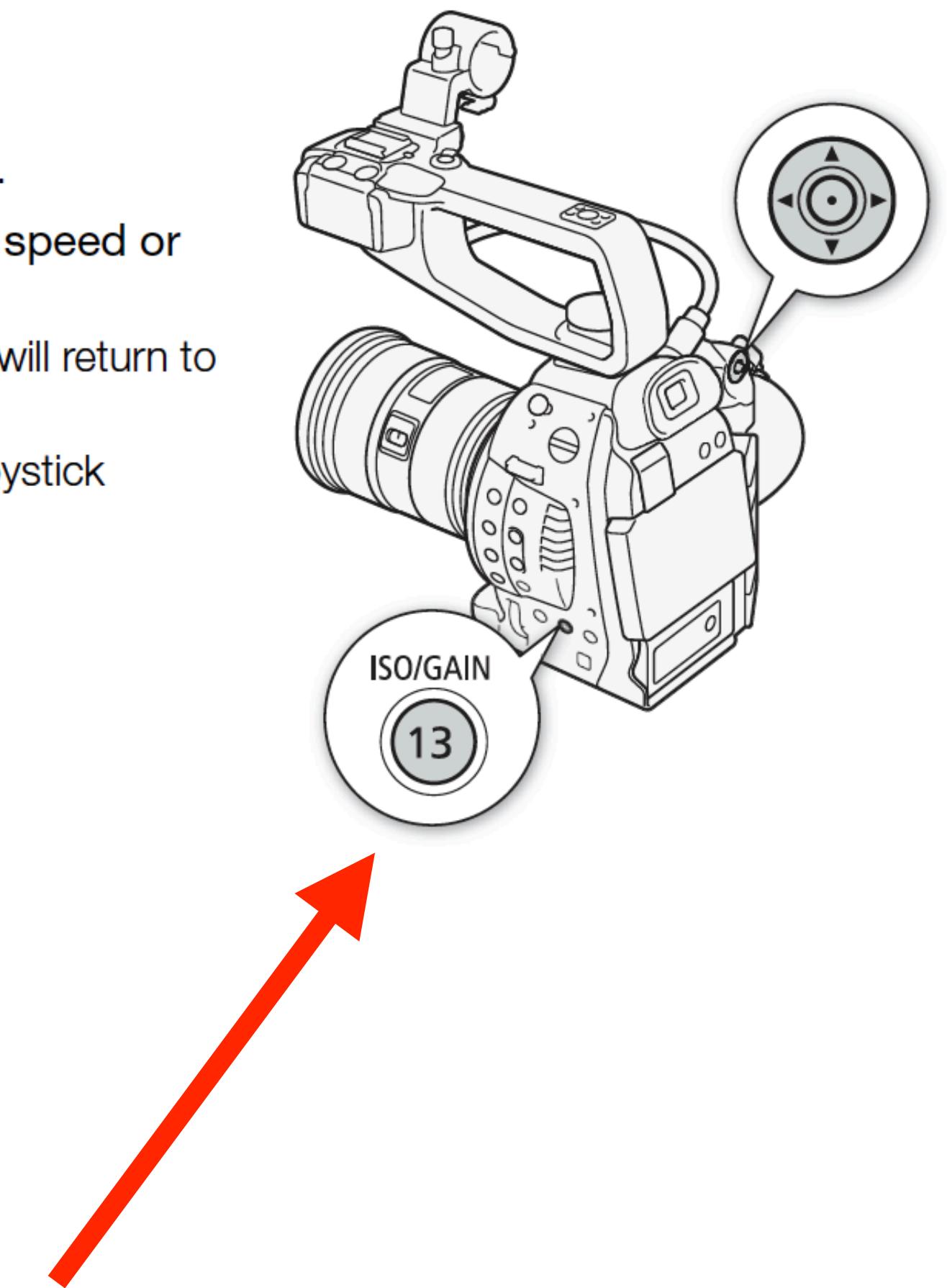
## ISO / Gain

- ISO is a measure of light sensitivity derived from film.
- The base ISO is 850, but it can go much higher in dark situations.
- Gain is a measure of light sensitivity derived from television cameras. The base Gain is 0dB

 NOTES

### Adjusting the ISO/Gain Value

- 1 Press the ISO/GAIN button.
  - The current ISO/gain value will be highlighted in orange.
- 2 Push the joystick up/down to select the desired ISO speed or gain value and then press the joystick.
  - The selected ISO/gain value will be set and the display will return to normal.
  - You can also adjust the ISO/gain value using only the joystick (52).



# C100 Setup

## Color Temperature & White Balance

- There are three different ways to set the color temperature
- Using *auto white balance* works in many situations, but poor with mixed light sources.
- You can set for a *fixed* color temp, daylight, tungsten, etc.
- You can do *manual* white balance settings and store them.



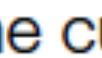
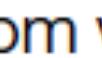
When you do a custom white balance, point the camera at a piece of white paper that you have placed carefully to reflect all of the different types of light that you see hitting your subject. Then hold the icon down until it stops flashing. You will see a number and that is the color temp that the camera has selected.

## Custom White Balance

### 1 Press the WB button.

- The white balance mode icon will be highlighted in orange.
- You can also select the white balance mode icon using only the joystick (52).

### 2 Push the joystick up/down to select the A or B icon.

- If a custom white balance has been stored previously, press the joystick to set the stored custom white balance. You do not need to perform the rest of the procedure.
- If a custom white balance has not yet been stored, the custom white balance icon  A or  B and default value (5,500 K) will flash slowly. Continue the procedure to establish the custom white balance.

### 3 Point the camcorder at a white object so that it fills the whole screen.

- Use the same lighting conditions you plan to use when recording.

### 4 Press the button.

- The  A or  B icon will flash quickly.
- Make sure the white object fills the screen until the procedure is completed.
- After the icon stops flashing, the procedure is completed. The setting is retained even if you turn off the camcorder.

