

Sony Alpha ZV-E10 Tutorial



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Introduction

- Sony ZV-E10
- Designed for content creators, vloggers and filmmakers
- Compact, lightweight, versatile
- Awesome settings

Session Overview

- Slides 4 - 7: Controls
- Slides 8 - 13: Setup/recommended settings
- Slides 14 - 16: Audio
- Slides 17: External equipment
- Slides 18 - 19: Conclusion

Controls - Top



Controls - Back

Complete function menu

Quick function menu

Select



Please note when in Menu/Fn, one returns to camera view by pressing the button again.

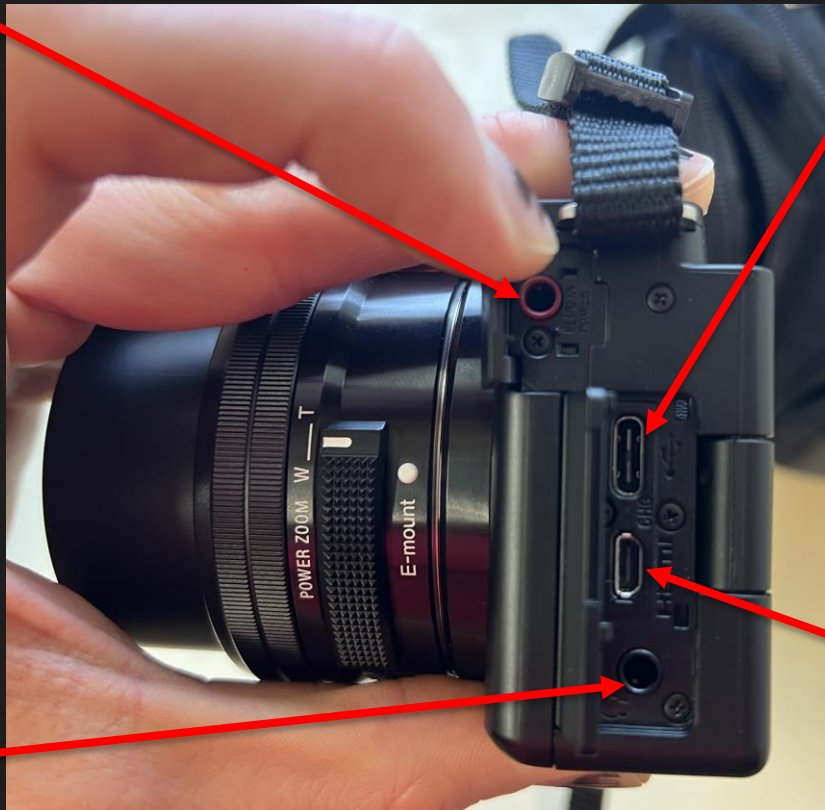
View media

Delete

Controls - Side

Audio input
jack

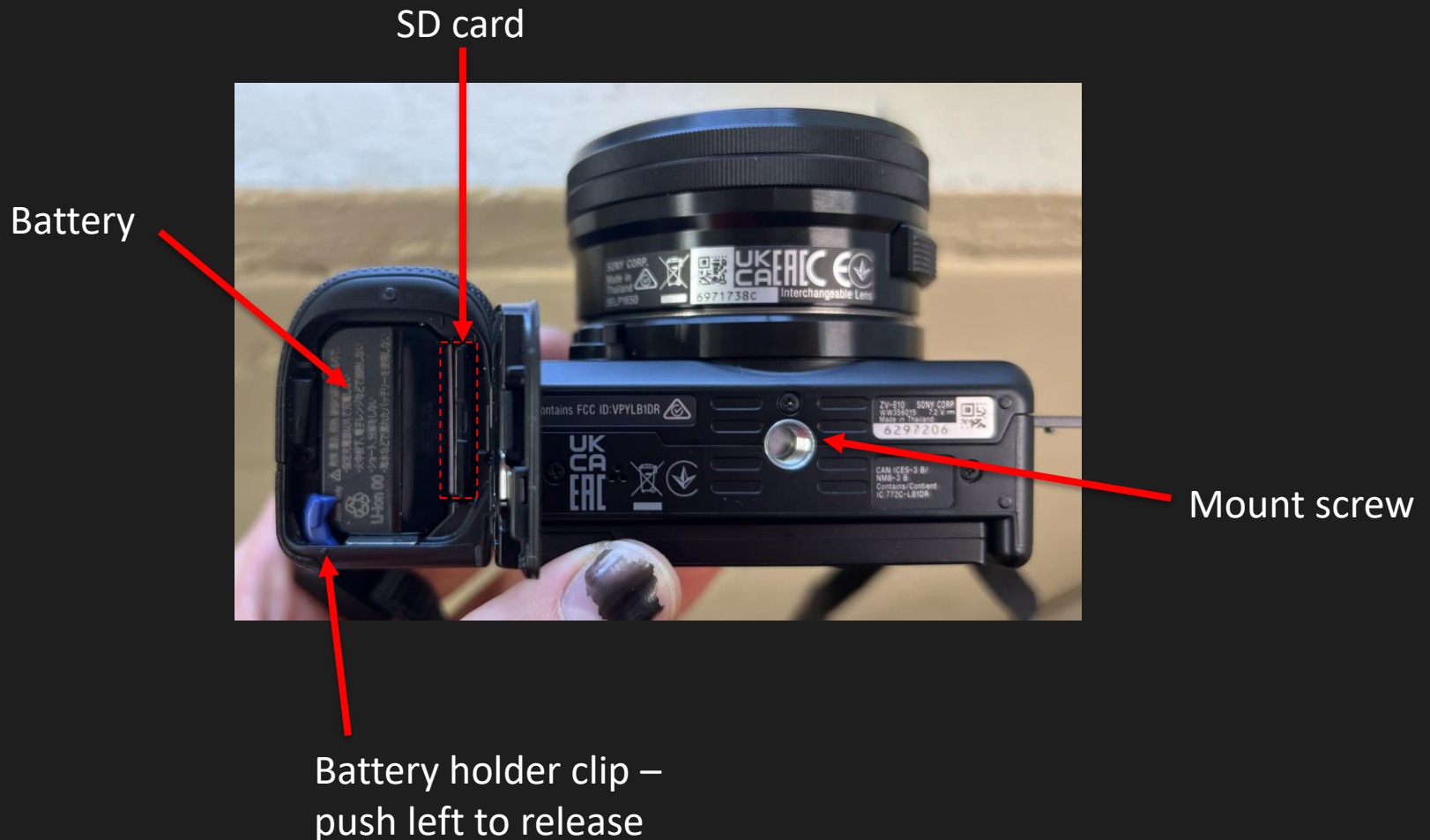
Charging port



Audio output
jack

Project
media/HDMI

Controls - Bottom



Settings – Menu Navigation Methodology

For every recommended setting, one must know the location to change it. If the recommended setting is found in the “Menu”, the command will begin with an “M”. See sample command below:

“M, 1, 1, Softskin effect = OFF”

This recommendation is telling you to go to the Menu, go to the 1st tab, go to the 1st page, and turn “Softskin effect = OFF”. In the command, the first number indicates the **tab number**, and the second number indicates the **page number**.



Tab #

Page #

The command for the current displayed setting would be:

“M, 2, 3, Audio Level Display = ON”

Slides 10-14 include recommended settings using this format.

Settings – Fn Navigation Methodology

Same thing for the Fn menu. If the recommended setting is found on the “Quick function menu”, the command will begin with an “Fn”. See sample command below:

“Fn, Shoot mode, Manual”

This recommendation is telling you to go to the “Quick function menu”, find “Shoot mode”, and select “Manual”. From “Fn” there are only 10 possible setting options so locating the desired one is easy. See image of “Quick function menu” screen below.

Note the shoot mode here is in manual as there is a subscript “M” next to the camera icon.



Settings – Automatic Shooting Mode

To initialize automatic shoot mode use:

“Fn, shoot mode, Intelligent”



Note the shoot mode here is in intelligent as there is a “i” before the camera icon.

In automatic shoot mode the Shutter, ISO, aperture, colours, white balance, etc., are done for you (see next slide for shutter, ISO, aperture def’ns). This mode is only recommended for complete beginners as setting up your settings manually often leads to better footage.

Settings – Manual Shooting Mode

Big three: Shutter, ISO, Aperture

Shutter speed: Controls how long the sensor is exposed to light. Faster speeds (e.g., 1/1000s) freeze motion, slower speeds (e.g., 1/30s) create motion blur.

To change shutter speed, use scroll wheel on back of camera (ref. S.5) when not in a setting.

ISO: Adjusts the camera's sensitivity to light. Low ISO (100) is best for bright conditions; high ISO (3200+) is best for dark conditions.

To change ISO, right click "ISO" on scroll wheel (ref. S.5) and select.

Aperture: Controls how much light enters through the lens. A lower number gives a blurry background; a higher number keeps more in focus.

To change aperture, turn aperture dial (ref. S.4).

Settings – Manual Shooting Mode

Recommended White balance:

"Fn, AWD, choose based on setting (inside, outside, cloudy, etc.)"

Confirm choice with "MM" (light meter. It is displayed at bottom middle of screen). Aim for MM = 0 to +1 (negative number indicates too dark, positive number indicates too bright).

Recommended Autofocus settings:

"Fn, Focus Area, Wide"

"Fn, Focus Mode, Automatic AF (recommended for photos), Continuous AF (recommended for video)"

Recommended Colour profile (photos):

"Fn, creative style, portrait or landscape"

"M, 1, 1, Softskin effect = OFF"

Settings – Manual Shooting Mode

Recommended File Type and Size:

“M, 2, 1, File Format: HD or 4K”

HD vs 4K will allow different framerates/options. Use 4K for maximum detail and flexibility cropping. Use HD for faster editing, smaller file sizes and high frame rate slow-motion.

“M, 1, 1, Aspect Ratio”

Choose Aspect Ratio based on where you will be displaying the media.

Slow-Motion: Two options: 1. Shoot in S&Q (slow-motion setting). 2. Slow footage afterwards. For option 1, when in S&Q, do the following:

“M, 2, 1, S&Q settings, Record Setting & Frame Rate”

Record Settings: This is what the camera will shoot .
Frame Rate: What the shot will be slowed down too.

If Record Setting < Frame Rate = slowed
If Record Setting > Frame Rate = sped up

Timelapse: 3. options: 1. Slow-Motion setting Record Setting > Frame Rate. 2. Speed up footage afterwards. 3. Photo interval shooting (highest quality).

Audio

Recommended Audio Settings:

“M, 2, 3, Wind noise reduction = off”

“Fn, Audio Rec level”.

Attach audio input device and speak loudly towards it. Do not allow your volume level to touch the red. Displayed below. Can adjust volume level using - and + symbols.



Don't allow audio to reach the red.

Audio – Shotgun Mic

- Directional Sound Pickup: Captures audio from the front while reducing side and rear noise.
- Ideal for Interviews & Vlogs: Focuses on the speaker's voice, minimizing background distractions.
- Better Option: Superior to camera's built in Mic
- Attachment: Attaches to top and then aux cord plugs into audio input jack (ref. S.6)



Audio – Wireless Direct Mic



- Wireless Transmission: Uses receiver attached to camera for cable free audio.
- Improved Mobility: Ideal for interviews, presentation, vlogs or anything where movement is needed.
- Reliable Connection: Connects to receiver through Bluetooth or Radio Frequency.
- Better Option: Avoids noise and again superior option to camera's built in mic.

External Equipment

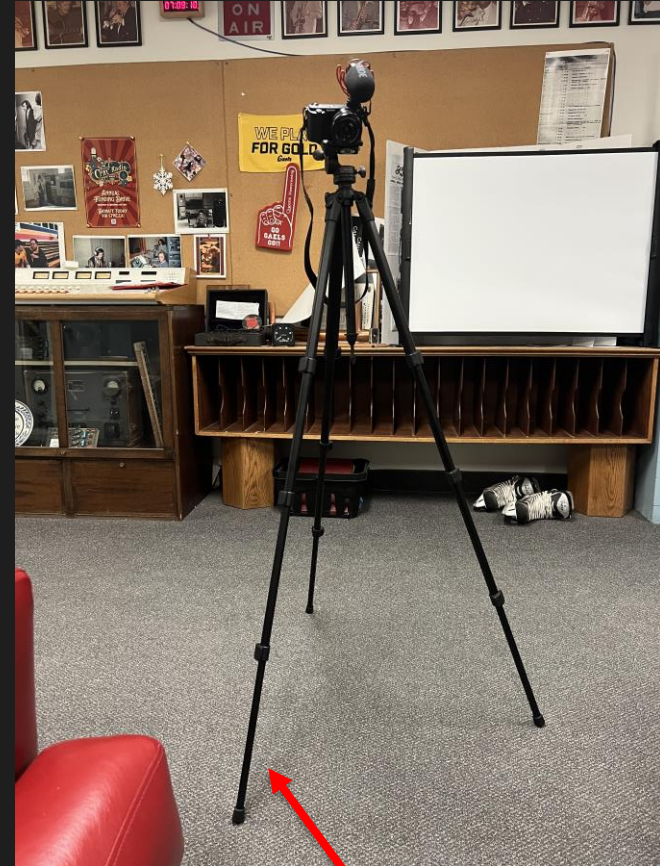


Windscreen if using
built in Mic



Camera Bag

Storage:
Left compartment: Audio gear
Right compartment: Camera



Tripod

IMPORTANT Reminder: Always put lens cover back on before storage!!!!

Resources & References

- Sony website: <https://www.sony.ca/en>
- YouTube tutorials
 - <https://www.youtube.com/watch?v=Mjm9b6rjbYg&t=927s> (this tutorial really helped me)
- Camera manual:
<https://www.sony.com/electronics/support/res/manuals/5027/14720adf8b80e68f1cedb3d09c9ffe5b/50278353M.pdf>

**Thank You and Happy
Filming!**