

Canon 7D filming

Lenses - (same concept at the Canon T3i)

1. Lenses have either a **red dot** or a **white box** on the back of them that must line up with the corresponding red dot or white box on the cam body. Press the lens release button on the front (1).



Lenses and cam bodies must ALWAYS have **covers** on them when not in use or else little specks of dust will get into spots that can't be cleaned off.

AF (auto focus) and MF (manual focus) – **switch to MF for filming (2)**

Stabilizer – **leave on**

Some lenses have a “lock” on them – turn that off

Camera body



On/off switch – on the top left side turns the camera on and off. The camera will shut off if you don't do anything for one minute.

Mode wheel – you can change it between M (all manual), Av (manual exposure, auto everything else), Tv (manual shutter speed, auto everything else), or the green box (all auto). Manual is the best choice for most control.

Still camera/video camera switch – on the back upper right, there is a switch around the button that says “start stop.” Make sure it is switched to the red camera picture for filming.

Exposure – turn the large dial on the back of cam to adjust. Make sure it is not on “lock.” Exposure is measured in F-stop.

The smaller the F-stop number (like 3.2) means the more light is let into the camera (**brighter**) AND the **shallower the depth-of-field** (meaning backgrounds and foregrounds will look more out-of-focus).

The larger the F-stop number (like 22) means the less light is let into the camera (**darker**) AND the **deeper the depth-of-field** (meaning more things in the shot are in focus).

White balance – press **WB button on top right** and then **dial the dial on the back**. You can select a specific color temperature by going to “K” and then turning the top dial to change.

Shutter speed – turn the dial on the front right. Shutter speed is measured in fractions of a second (like 1/30) but the number displayed will only show the denominator (like 30). The lower the number means the brighter the image. **60 is normal**. 30 may look a little **blurry** when subjects are moving but will let more light in. Higher numbers (like 120) will make images darker as well as more **jittery** and **crisp**. Use this for action.

ISO – press the **ISO button** and then turn the dial in front of it to adjust. It works like gain control on video cams. The higher the number means the brighter the image, but also the grainier the image. **100 or 200 are best**. Ideally, it should be set **no higher than 800** in most situations so your image quality will be better.

TO RECORD/STOP RECORDING – Press the button on the back top that says “start stop.”

Menu – use front dial (3) to switch screens, use arrow pad to navigate on page and set to select

4th page – movie rec size – 1920x1080 30

AF during filming – disable

7th page – format – reformat the card, ONLY do this if the ONLY stuff on the cam is yours