

XF705 Camera Features & Tips



This is how your camera should look when you check it out from the CAGE. Please **DO NOT** change these settings:

Focus (Largest Ring) = Manual

Zoom (Middle Ring) (May be adjusted from Ring to Rocker, based on preference)

Iris (Smallest ring) = Auto /Switch to (M) Manual if auto iris is too dark and readjust.

Shutter=Off

Gain= L or M, DO NOT switch to H

White Balance=B

Infrared=Off AGC=Off WB -Off Full Auto = Off

WFM = inactive

ZEBRA- use in association with IRIS zebra stripes indicate good light levels.

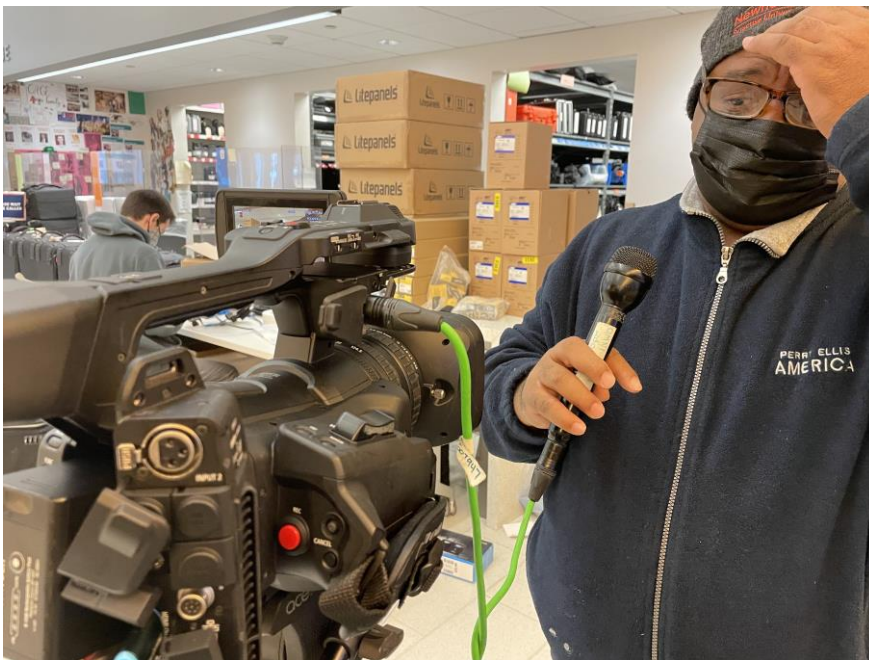
PEAKING – used with FOCUS red outline on image indicates subject in focus.

PUSH AF – use only in association with manual focus push button for instant focus.

ND FILTER –prevents excessive light from reaching the sensor so picture doesn't appear washed out reduces glare (use typically outdoor sunny day or snow on ground sun is bright.)

Key Lock:

If this button is switched to locked position, you will NOT be able to use any of the camera functions. Please ensure the **Key Lock** is on **UNLOCKED** at all times.



Microphones:

Microphones should always be plugged into **INPUT 1** towards the front of the camera.

Input 2 automatically follows input 1 always.

CH Input 2 – (Inactive do not use)

Ch. 1 and 2 tracks are the same audio used for clean interview sound

Ch. 3 and 4 are used for NAT sound - the camera will automatically record ambient sound on (Ch 3 &4)



Audio Adjustments

Select CH 1 for adjustment. - **M mode**
 A – Auto mode camera adjust levels.
 CH 2 follows 1
 Do not adjust.

SD Card Slots A&B

Must use Slot B for Camera Settings.
 Slot B can be used for Recordings also.
 Slot A always Camera Recordings.

AUDIO STATUS - push **Button shows all four Channels. Close door.**

TOP Buttons:



#8 = Changes audio input (changes from 1,2, to 3, 4 or 12, 34 back to 1,2)

#9 = Does not change anything

#10 = Turns headphone volume UP

#11 = Turns headphone volume DOWN

#12 = This is for camera settings. Use specified card. Ask Cage staff to set for you.

#13 = DELETES all content on SD Formats card/Initialize SD card.

SET - use to toggle or adjust inputs 8-13.

Menu – clear setting

Peaking = This is a helpful button you can use to make sure your subject is in focus (Optional) Peaking creates “red lines” around subject, you **CAN** leave it on while recording, or you can turn it on, make sure your subject is in focus, and then turn it off. Either way, the red lines **WILL NOT** show up on your footage.

Push AF (Auto Focus) = If you are in a hurry and need to put something in focus instantly, you can use this button. **Simply an instant focus setting**

(**Tip:** Zoom ALL the way into your subject/tightest shot possible, set focus manually, then press

PEAKING, and/or **Push AF**, to check verify focus, zoom out and record, everything in your zoom range should stay in focus)



Gain= Leave on L (0) or M (6), DO NOT set to H (12)

IRIS = start on auto iris use manual as needed; You can open the IRIS all the way up, if necessary, gain no higher than (M) medium never (H) unless emergency, no lighting.

Zebra= When you press this button you will see zebra lines, which indicate the level of IRE units you are recording approximately 70 -80 units when stripes appear good lighting levels.

Some zebra stripes indicate that there is **GOOD** lighting, **TOO MANY** zebra stripes indicate the subject may be overexposed/**POOR lighting**)

(**Tip:** You **DO NOT** need to see zebra stripes on your subject’s **forehead** in order to know whether you have good lighting or not depends on skin tone, zebra stripes are **OK** to show up in the background, they **DO NOT** have to appear on your subject’s face!)

ND Filter= The + or - buttons for the ND filter are generally used for **OUTSIDE** purposes or areas where the scene is **very well lit (e.g. very sunny day)**. **Only use if necessary.**

White Balancing= A common **mistake is for students to place a piece of white paper directly in front of the camera, right up against the lens. DO NOT** do this. The proper way to white balance is to have your subject hold up a piece of white paper in the same location of where you will be recording subject. **ZOOM all the way into the white object, focus it, then hit the White Bal. button** (once you press the button, wait a few seconds for the camera to white balance and stop blinking, it will give you a new kelvin setting see typical light sources and their associated temperature settings below.

Kelvin Temperature Light Sources

Color Temperature	Light Source
1000-2000 K	Candlelight
2500-3500 K	Tungsten Bulb (household variety)
3000-4000 K	Sunrise/Sunset (clear sky)
4000-5000 K	Fluorescent Lamp

(Tip: Leave White Bal. button on **B**. If you need to change locations and then go from inside to **outside** for example, **switch the white bal. button to A** when you are outside then white balance, and if you need to come **back inside** to record more content, **switch the white bal. back to B** and the camera will remember the white balance settings you already did when you first began recording (no need to re-white balance a **third** time if you returned to your initial location).

Pack Camera per image below = Canon XF705

