

## Typical Camera Adjustments

(you will make)

- White Balance
- Auto Focus vs. Manual Focus
- Iris – camera exposure



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## White Balance

- Setting that tells the camera what is white
  - All other colors are adjusted from there
- The color of light is measured in Kelvin temperature
  - Different sources of light have different “Temps”
    - Sunshine
    - Fluorescent lights
    - Studio lights
    - Incandescent



Kelvin Scale

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## Tech Know Episode 108



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## Kelvin Scale



- Sunshine
- Fluorescent lights
- Balanced Studio lights
- Incandescent lights

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## Setting White Balance

- Press Full Auto to switch to Manual mode
- Zoom in on something white
  - paper
  - wall
  - t-shirt?
- Press the AWB button



What's wrong with this shot?

## Focus

- Manual focus vs. Auto focus
  - How do they work?
- Advantages and disadvantages
  - Discussion



What's wrong with this shot? Why did it happen?

## Setting Manual Focus

- Press AF/MF button
- Switch to MF
- Set the "Focus/Zoom" switch to FOCUS
- Zoom in on the object and adjust the Focus Ring to a crisp focus



## Iris

- The size of the opening in the lens
- Allows MORE or LESS light to be recorded
- F 2.4 - 4.0 - 5.6 - 9.0 - 11.0 - 16.0
- Largest opening - Smallest opening
- Use this to control the exposure of your scene
- Let's see some examples



## Setting Manual Iris

- Press Full Auto to switch to Manual mode
- Press the IRIS A/M button to activate the IRIS control
- Scroll the IRIS wheel (slowly) to change the exposure level



## Production Notes - Episode 101



## Pre Roll / Post Roll

- Set up the shot
  - Check focus/iris/white balance
- Press **Record** 2-3 seconds then say "Action"
  - This is pre-roll
- After the action, leave 2-3 extra seconds & then press **Record**
  - This is post-roll
- When shooting production
  - Leave Pre and Post roll on **ALL shots**
  - Shoot for editing

## Practice

- Groups of 3
- Each practice with the camera
- Find and adjust the
  - Manual focus
  - Exposure settings (iris)
  - White balance (most important)
- Practice, practice, practice!