**PD-150/170 Menu Settings:**
Press the MENU button from behind the LCD monitor to display the menu. Use the SEL/PUSH EXEC black dial on the back of the camera to make adjustments.

**Timecode settings:**
TC Preset- all zeroes is good or use the hours to “label” your tape.

![Timecode settings menu](image1)

**TC Format-** use Non-Drop Frame (NDF).

![TC Format NDF](image2)

**TC Run-** to keep consistent timecode between recordings you use REC RUN.

![TC Run REC RUN](image3)
**Tape settings:**

**REC Mode** - We use the higher quality DVCAM setting.

**Audio Mode** - We use the higher quality FS48K setting.

**Audio Set** is a multi step setting. Select Audio Set to open the AGC menu.
AGC (Auto Gain Control) for both channels 1&2 should be turned off.

MAN Gain (Manual Gain) should be set to Separate so you can control the audio levels of each channel independently.

The audio switches should be set as shown for most circumstances:
- REC CH SELECT=CH1
- INPUT LEVEL (both inputs)=MIC
- +48V (both inputs)=ON
Auto Lock settings

To adjust Gain, Shutter Speed, White Balance and Iris manually you first must move the Auto Lock selector (silver switch) to the center position. After the adjustments have been made, you must move the switch to the Hold position, this prevents any accidental changes from occurring. Putting the switch in the Auto Lock (top) position puts all those settings into the Auto mode and the camera will make the adjustments automatically. This is not recommended.

(To adjust the settings below, the Auto Lock selector (silver switch) must first be set to the center position.)

**Gain**
- Press the Gain button on the rear of the camera.
- The Gain display is highlighted in the LCD screen.
- Turn the SEL/PUSH EXEC black dial on the back of the camera to make adjustments.
- The Gain setting should be set at 0db under normal circumstances.
- Increase the Gain to amplify the video image in low light.

**Shutter Speed**
- Press the Shutter Speed button on the rear of the camera.
- The Shutter display is highlighted in the LCD screen.
- Turn the SEL/PUSH EXEC black dial on the back of the camera to make adjustments.
- The Shutter setting should be set at 60 under normal circumstances.

**White Balance**
- Press the WHT BAL button on the rear of the camera.
- The white balance display is highlighted in the LCD screen.
- Use the SEL/PUSH EXEC black dial on the back of the camera to make adjustments.
- There are 3 White Balance settings: Indoor Preset, Outdoor Preset, and Manual.
The Manual setting is the most accurate setting.
- Choose the Manual setting, then point the camera at a white object (like a piece of paper). Try to fill the entire frame with white. The white paper should be in the same lighting as the subject being videotaped.
- Press and hold the SEL/PUSH EXEC black dial until the Manual indicator stops flashing. If the indicator will not stop flashing, try to increase the light levels.
- The white balance will be set to the current lighting conditions. You must repeat this procedure whenever the lighting conditions change.

**Iris**

- Press the Iris button on the left side of the camera.
- The iris setting will be highlighted in the LCD screen. It is displayed in F-stop measurements from Close to F1.6
- Use the silver IRIS Dial (next to the Iris button) to adjust the Iris.
- Do NOT press the Iris button again. Doing so puts the Iris into the auto setting.

When all adjustments have been made, slide the Auto Lock switch into the Hold position

**Audio adjustments**

- Press the Audio Level button on the rear of the camera.
- The audio adjustment screen appears in the LCD screen.
- Press the SEL/PUSH EXEC dial to choose which audio channel to adjust.
- Turn the SEL/PUSH EXEC dial to adjust the audio levels.
- Press the Audio Level button again to leave the audio adjustment screen.