The Sony V1U and Z1U have some differences. To tell the cameras apart, look at the LCD screen, if it at the top of the camera it is a Z1U, if it is on the side, it is a V1U.

**HVR-V1U Menu Settings:**
Press the MENU button on the back of the camera to display the menu. Use the SEL/PUSH EXEC silver dial on the back of the camera to make adjustments.

**CAMERA SET settings:**
**PROG. SCAN- OFF** This setting turns off the progressive scan recording mode.

**AUDIO SET settings:**
**XLR SET-** Select this option to adjust XLR settings.
**AU. MAN GAIN – SEPARATE** lets you adjust volume on the channels individually.

**INPUT 1(&2) LEVEL-MIC** tells the camera that a mic is attached to the input.
**IN/OUT REC settings:**
RECFORMAT-HDV 1080i records at High Definition 1080i resolution.

**TC/UB SET settings:**
TC PRESET lets you adjust the start TC number.
All zeros is fine, or use hours to “label” your tape.

**TC FORMAT-NDF** records in the Non Drop Frame counting scheme.
**TC RUN-REC RUN** only advances the TC while recording for continuous TC.

**TC MAKE-REGENERATE** advances the TC from the last value recorded on the tape.

**Auto Lock settings: (at back of camera)**
To adjust Iris, Gain, Shutter Speed, and White Balance manually, you first must move the Auto Lock selector 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 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 switch must first be set to the center position.)

**IRIS-**

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

**GAIN-**

- Press the Gain button at the back 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.
- 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 back of the camera.
-The white balance display is highlighted in the LCD screen.
-You can chose between Manual A, B, Outdoor preset (sun icon), or Indoor preset (lightbulb icon) by turning the SEL/PUSH EXEC black dial.
-Using Manual A or B, you can store 2 white balance settings in the camera. Select Manual A or B.
-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 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.

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

Audio level adjustments:

REC CH SELECT – CH1 records XLR input 1 to CH1 and XLR input 2 to CH2. Note: if you select CH1•CH2, XLR input 2 DOES NOT get recorded!

To adjust the audio levels, first put the channel into the MAN (manual) mode. Then use the Audio Level dials to increase or decrease the level.