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

HVR-Z1U 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.

AUDIO SET settings:
AUDIO MONI- CH1,CH2 lets you hear CH1 and CH2 sounds separately in the L and R channels.

MIC SELECT- XLR lets you use the external microphones. The built in mic is deactivated.

XLR SET—XLR CH SEL- CH1 records Input 1 to CH1 and Input 2 to CH2
**XLR AGC LINK-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:**
**REC FORMAT-HDV** 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:
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 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 knob 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.
-The Gain display is highlighted in the LCD screen.
-Select H (High) M (Medium) L (Low) on the gain switch.
-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 silver 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 left side of the camera.
- The white balance display is highlighted in the LCD screen.
- Set the WHT BAL switch to 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 WHT BAL button (above the A B switch) 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. You must repeat this procedure whenever the lighting conditions change.

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

**Audio level adjustments:**

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.