

PROCESSOR TECHNOLOGY CORPORATION

Sol-PC SINGLE BOARD TERMINAL COMPUTERTM

SECTION III

- (✓) Measure the DC voltage at pin 13 of U110 and write the measured voltage down. (Call this Voltage B.)
- (✓) Add Voltages A and B and divide the sum by 2. (Call the result Voltage C.) An example follows:

Voltage A (VR3 full CW): 3.45 V dc
Voltage B (VR3 full CCW): 1.80 V dc

$$A + B = 5.25 \text{ V dc}$$

$$\text{Voltage C} = 5.25 \text{ V dc} / 2 = 2.63 \text{ V dc}$$

- (✓) Adjust VR3 so that the voltage at pin 13 of U110 equals Voltage C. (In the preceding example this would be 2.63 V dc.)
- (✓) Step 71. If your recorder has only a microphone input, remove the I-to-J jumper you installed in Step 69 and install a jumper (#24 bare wire is recommended) between the I and H pins.

Otherwise, leave the I-to-J jumper in and go on to Step 72.

- (✓) Step 72. Install 100-pin edge connector, J11. Using two 4-40 x 7/16 binder head screws, install 100-pin edge connector in location J11 (center of PC board). Seat the pins in the mounting holes. Then thread screws from front (component) side of board into the threaded inserts that are pre-installed in the J11 mounting holes. Tighten screws and solder pins to board.

CONGRATULATIONS! At this point you have successfully assembled your Sol-PC Single Board Terminal Computer and tested it for proper operation. It is now ready for use.