CARD READ SENSOR CALIBRATION INSTRUCTIONS FOR MODEL ATT 310

The sensors in the Model ATT 310 will need to be re-calibrated when the following criteria are met.

If unit begins to:

1) Misread cards
2) Reject cards
3) If the card read sensor board is changed
4) If the control board is changed or is disconnected from the driver board

To re-calibrate the sensors if a unit is misreading or rejecting cards and the control board is not to be removed from the unit, please follow the instructions below:

1) With the unit plugged in, remove the top case of the clock.

2) Push the reset switch (SW6) on the control board. The print head will cycle and the unit will emit a beep and the display will read 12:00.

3) Turn on all 8 DPI switches on DIP SW2.

4) While holding down switch SW1, push the reset switch (SW6) once.

5) As soon as the LCD display cones on, release switch SW1. At this point, the display will show 12:00, but the print head will not cycle and there will not be a beep.

6) Take one ATT310 time card, (We recommend card No. S103), and looking at the back, cut off the 1/4" margin at the **TOP** so that the black bar code goes right to the top edge of the card.

7) Insert the **TOP EDGE** of the card into the ATT310 so that the large black stripe is facing down and under the black card guide. The ATT310 will beep twice if it reads the stripe correctly. If it does not read it correctly, it will beep once. (This step has calibrated the unit for the black stripe.)

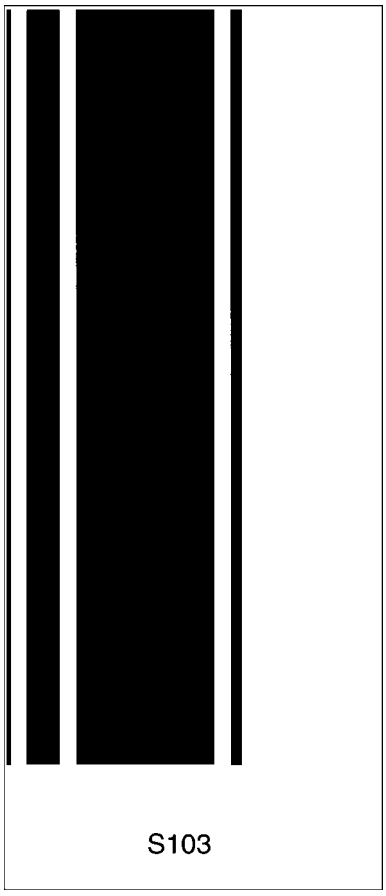
8) Next, turn off all 8 switches on DIP SW2 and turn on all 8 switches on DIP SW1.

8) Insert the time card so that the blank area on the right edge of the card is facing down and under the black
9) card guide. If the unit reads correctly, it will beep twice. If not, it will beep once. (This step calibrates the ATT310 for the blank area of the card) Once the unit has accepted the blank area of the card, **PRESS THE RESET SWITCH ONCE.**

10) Turn off all 8 switches on DIP SW1.

This completes the re-calibration where the control board has not been removed or replaced.

11)



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