



CLEVERBOARD 1 AND CALIBRATION.

From the results of recent tests carried out on the CleverBoard the following checklist of calibration or loss of calibration should be used.

1. Ensure there are no batteries in any pen jackets or the eraser if fitted into the right hand end. This was found to randomly cause errors of anything up to 600 mm.
2. Press the auto button on the projector remote and ensure the desktop displayed matches that of the computer monitor. It was noted that the wrong image was displayed by three different manufacturers. This was also random and could be as much as 60 mm.
3. Prior to calibrating, certainly for the first time carry out the following procedure.
 - a. go to "settings" "hardware" and "test environment". This is to ensure no external sources of infrared or ultrasonic radiation are present. This can occur at any time so should be checked if problems occur.
 - b. go to "settings" "page" "auto-size". Note the correct point of contact for the pen is the bottom right corner, just outside the angle marked on the whiteboard. This should not alter after the first time. The default for mimio software is 6' x 4' which will work for 60" & 72" boards OK, the image will not reflect the actual board size though. If the board size is smaller than the calibrated size, as is the case if the pen is touched to the projected point, this will cause problems. With the 92" board being 7' x 3' this must be done if the projection is on the right.
 - c. go to "tools" "mimioMouse" "preferences". Ensure that the option to "use previously calibrated settings" & "auto start on capture device connection" are not checked. This is a precaution to ensure that there will not be any residual calibration in the software.
 - d. go to "tools" "mimioMouse" "deactivate" answer OK for the question are you sure you want to deactivate. As with c above this is a precaution.
 - e. with the bullet loaded into a jacket which has a known good battery installed it should now be possible to calibrate.

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- f. go to "tools" "mimioMouse" "calibrate" and place the tip of the bullet onto the centre of the red crosses which will appear one at a time in sequence. Care should be taken to keep the jacket at right angles to the board at this stage. If the jacket is out of true then the calibration will be incorrect.
- g. if the red crosses do not move on when the jacket is taken away from the board then in the first instance try a new battery. If that still doesn't work then try a new jacket with a good battery. If the tip of the bullet is pressed there should be a buzzing sound from the jacket.
- h. once the board has been calibrated then go to "tools" "mimioMouse" "preferences" and check the 2 boxes "use previously calibrated settings" & "auto start on capture device connection". If the calibrated jacket is touched to the board after start-up then mimio software will launch. If it is not needed then it can be minimised and the jacket can be used as a mouse pointer.