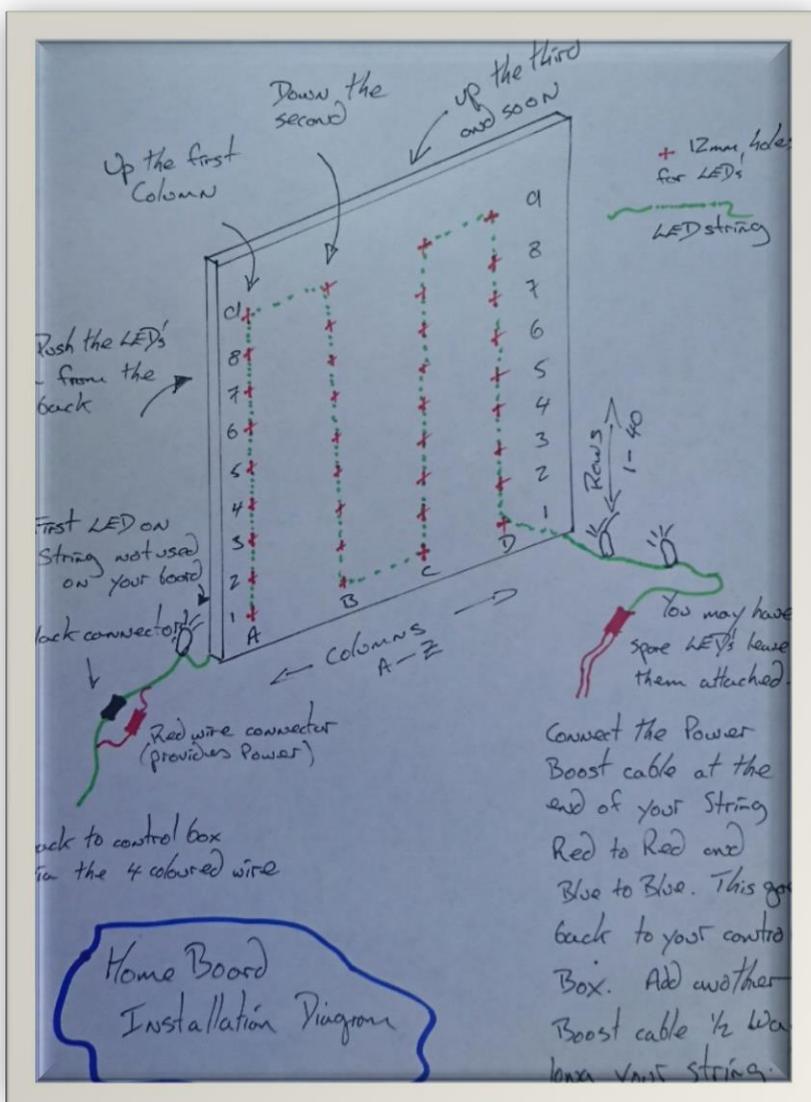


Installation info for a DTB Home wall

We would give yourself two days to complete the install. First drill the holes, tidy up and sand them down on day one. Second then install the LED's day two, it tends to be very physical and is best done with two people; one behind the board and one in front. See details below and please watch the videos, ensure you do as suggested in video 1 and test in a warm indoor environment prior to installation.

Any questions:

digitaltrainingboards@btinternet.com we will get back to you asap, include a phone number and we can ring if needed.



Basic diagram:

1. Drill 12mm holes for LEDs near the holds on your board, try to be consistent with your positioning. (We have found that below the hold to the right is the best place).
2. Install the LED's from the back starting on the left hand side of your board. The first LED string and the first column is the most important, it has its own unique set of LED's

3. Start with the male end connector of the string, see fig1

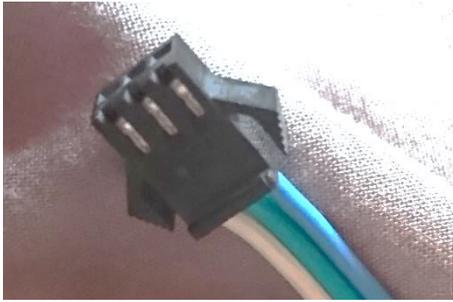


fig1

4. The first LED of the string you do not use, do not put it into a hole, start with the second one, this will be near the first hold on your board.
5. Continue up the column putting in LED's as you proceed, counting the number of LEDs (excluding that first one), this will be the number of rows you will need to input into the software later, so write it down.

fig 2

6. Once you have completed one column connect the Data cable to the male connector (here say in brackets which fig this is) of the LED string. Then connect the red wire of the data cable and red plug from the LED string together.

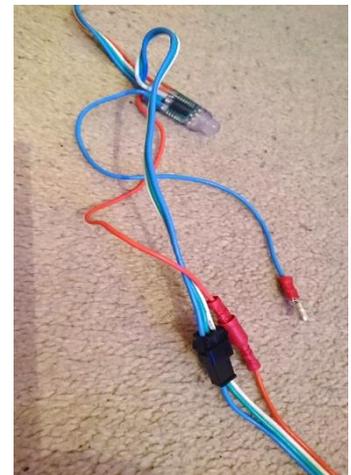


fig 3

7. Connect the other end of the data cable to the control box, the lower green part, see fig 3



8. Plug the mains plug into a mains socket, this operates the screen.



fig 4

9. Then plug in the mains adapter into the side of the box



10. The Control Unit will automatically boot up and the LEDs should light up. If they don't check your connections and try a different string of LED's and if this still does not work, contact DTB.

11. Click on "Settings" (top right) then enter the Admin Password, this is the word "home", once entered click on Setup and the following should appear



12. click on **SetUp Columns and Rows**, the first 2 lines of the file that opens are Columns(first line) and then Rows(second line), change these to whatever your board is going to be called, don't change anything else. You will need a USB keyboard to be able to do this, Click file save and then press the on/off button and reboot the system.

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13.Go into the “Create a Problems” page, by using the touch screen.

14.Select A1 and say yes to two hands, then your first LED should light up.

Load problems				Create your own problems				Register				Settings			
A22	B22	C22	D22	E22	F22	G22	H22	I22	J22	K22	L22	M22	N22	O22	P22
A21	B21	C21	D21	E21	F21	G21	H21	I21	J21	K21	L21	M21	N21	O21	P21
A20	B20	C20	D20	E20	F20	G20	H20	I20	J20	K20	L20	M20	N20	O20	P20
A19	B19	C19	D19	E19	F19	G19	H19	I19	J19	K19	L19	M19	N19	O19	P19
A18	B18	C18	D18	E18	F18	G18	H18	I18	J18	K18	L18	M18	N18	O18	P18
A17	B17	C17	D17	E17	F17	G17	H17	I17	J17	K17	L17	M17	N17	O17	P17
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A12	B12	C12	D12	E12	F12	G12	H12	I12	J12	K12	L12	M12	N12	O12	P12
A11	B11	C11	D11	E11	F11	G11	H11	I11	J11	K11	L11	M11	N11	O11	P11
A10	B10	C10	D10	E10	F10	G10	H10	I10	J10	K10	L10	M10	N10	O10	P10
A9	B9	C9	D9	E9	F9	G9	H9	I9	J9	K9	L9	M9	N9	O9	P9
A8	B8	C8	D8	E8	F8	G8	H8	I8	J8	K8	L8	M8	N8	O8	P8
A7	B7	C7	D7	E7	F7	G7	H7	I7	J7	K7	L7	M7	N7	O7	P7
A6	B6	C6	D6	E6	F6	G6	H6	I6	J6	K6	L6	M6	N6	O6	P6
A5	B5	C5	D5	E5	F5	G5	H5	I5	J5	K5	L5	M5	N5	O5	P5
A4	B4	C4	D4	E4	F4	G4	H4	I4	J4	K4	L4	M4	N4	O4	P4
A3	B3	C3	D3	E3	F3	G3	H3	I3	J3	K3	L3	M3	N3	O3	P3
A2	B2	C2	D2	E2	F2	G2	H2	I2	J2	K2	L2	M2	N2	O2	P2
A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1	L1	M1	N1	O1	P1

15.Keep adding LEDs making sure the software identifies LED’s as you go.

16. If the LED’s stop responding, turn the system off and on, this normally sorts it out as when you plug in LED’s or do a lot of drilling the electronics can get confused.

14. Once you get to the end of an LED string plug in another one at the end of it.

15.Once they are all in add the Power Booster cable to the last string of LED’s you install at the very end.



16.You can add one in the middle of the board if your LED’s seem dim, add it at the start of the first Dim looking string.

Well done!!!!,Go set some problems.....(there are video’s on the website to help)