

Button wiring instructions for MP348 for the Technovision LD48

PORTA on the PARALLEL port of the LD48 is used for the columns (8-conductor harness), and PORTB (4-conductor harness) is used for the rows on the keypad matrix. The chart below included the pin number on the PARALLEL port of the LD48 as well as the standard wire colour used in any custom harnesses.

8 conductor cable Harness

	6 RED	18 BLUE	5 YELLOW	17 ORANGE	4 GREEN	16 BLACK	3 BROWN	15 WHITE
10 RED	1	2	3	4	5	6	7	8
22 GREEN	9	10	11	12	13	14	15	16
9 BLACK	17	18	19	⊙ 20	21	22	23	24
21 WHITE	25	26	27	-	-	-	-	-

For example: For Audio file 20 you would connect the **ORANGE** cable on the 8 conductor harness with the **BLACK** wire on the 4 conductor harness. These wires should be connected to the COM (common) and NO (normally open) connector on the push button.

Button LED wiring

The positive voltage (+) for the Button (and board) LEDs are provided on the terminal marked as “+”. This is attached to the DB25 shell for the button breakout cable. There are two sets of button cables provided that are to be attached to the “+”.

The first cable provides the positive voltage to the even numbered buttons and the second cable provides the positive voltage to the odd numbered buttons. The GROUND (-) cables are already attached to the terminal blocks of the LD48. These are attached to the (-) side of the LED within the button.

Program Description

- 1) Delay 3 seconds
- 2) Send the “STOP” command to the TecMP3
- 3) LD48 test pattern on it’s outputs
- 4) If player still busy.... go to 1
- 5) All outputs OFF
- 6) Wait for button release the wait for a button press
- 7) OUTPUT (KEY) ON
- 8) Stop player if player is BUSY
- 9) Send command to play file (KEY)
- 10) If a button a button is pressed or player not BUSY.....go to 5
- 11) Go to 10