

STAY ON TRACK WITH THIS

# :MOVE LINE FOLLOW BOARD FOR BBC MICRO:BIT

For Original :MOVE mini



# BUILD INSTRUCTIONS

**NOTE:** This kit includes fixings for both the original :MOVE mini and :MOVE mini Mk2, so there may be spare components left over after the build.

1

To use the Line Following board with the Interface board, first complete the build instructions provided with the Interface Board.

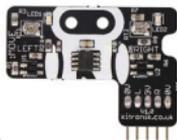


2



To use with the :MOVE mini, please see '**Use with :MOVE mini**' on the following page. If you wish to use this board separately connect the line follow board to the interface board in the order shown.

GND → 0V  
P15 → R  
3V3 → 3V  
P16 → L  
GND → 0V



# USE WITH :MOVE MINI

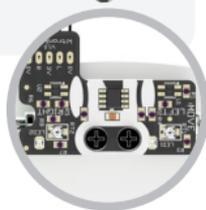
**NOTE:** This instruction book is for :MOVE mini Mk1. If you have a Mk2 :MOVE mini, visit [www.kitronik.co.uk/5659-mk2](http://www.kitronik.co.uk/5659-mk2).

1

Remove both the front ':MOVE' piece and the SERVO:lite board from the :MOVE mini. Fix the Line Follow board to the chassis using the two **SHORTER** M3 countersunk screws. Insert the screws from above and fix in place with two M3 nuts. The remaining spacers, screws and :MOVE panel are no longer needed.



**NOTE:** Make sure you use the board the correct way up, with the larger Kit robot visible from below and the pins pointing out of the front of the :MOVE mini.



2

Connect the servos and install the Servo:Lite/Interface board assembly into the :MOVE mini. Reconnect the cables, refer to step 2 from the 'Build instructions' on the previous page.



3

**GET CODING!**

Visit [kitronik.co.uk/5659](http://kitronik.co.uk/5659) for help. See the online datasheet for a tuning guide.





Add line following to your micro:bit buggy/robots with the compact Kitronik :Move Line Following Board For BBC micro:bit, also fully compatible with :MOVE mini.



Example Use



#### TOOLS REQUIRED:

- Small Phillips screwdriver



#### INSTRUCTIONS:

This booklet contains build instructions. For more detailed resources please visit our website at [www.kitronik.co.uk/5659](http://www.kitronik.co.uk/5659)



#### KIT REQUIRES:

- 1 x BBC micro:bit
- 1 x :MOVE Sensor Interface board (optional)
- 1 x :MOVE mini buggy kit (optional)



#### STOCK CODE:

5659



**WARNING** : Contents may inspire creativity

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Designed & manufactured  
in the UK by 



For more information on RoHs and CE please visit [kitronik.co.uk/rohs-ce](http://kitronik.co.uk/rohs-ce). Children assembling this product should be supervised by a competent adult. The product contains small parts so should be kept out of reach of children under 3 years old.