

# Kempston Joystick Interface

## 2013 version

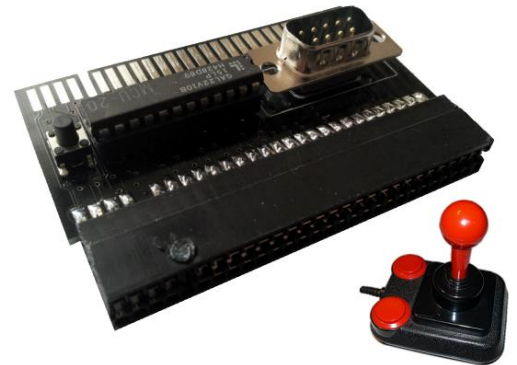
## Manual



This interface allows you to connect an Amiga or Atari compatible 9-pin joystick to your ZX Spectrum

## Specifications

- Throughput port for other peripherals
- Reset switch
- Internal pull-ups on all joystick signals
- Very compatible address decoder:  
 $\text{/IORQ}=0 \ \& \ \text{/RD}=0 \ \& \ A3=1 \ \& \ A4=1 \ \& \ A5=0 \ \& \ A7=0 \ \& \ A6=0$
- All databus signals are covered; no floating bits
- Smallest Kempston Joystick interface ever made!



## Compatibility

This interface is fully compatible with:

- ZX Spectrum 16K, 48K, 48K+, 128K, +2, +2A, +2B, +3
- DivIDE and DivIDE Plus interfaces
- And many more..

### Joystick pins

- 1 /Up
- 2 /Down
- 3 /Left
- 4 /Right
- 5 /Button3
- 6 /Button1
- 7 5V
- 8 Gnd
- 9 /Button2

***Power off your ZX Spectrum  
before connecting this interface!***

### Databus

- D0 Right
- D1 Left
- D2 Down
- D3 Up
- D4 Button1
- D5 Button2
- D6 Button3
- D7 0

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