The ANY-maze USB TTL cable

Overview

The ANY-maze USB TTL cable is a low-cost device for interfacing TTL-compatible signals with ANY-maze. The cable has two ports which can be independently configured as TTL inputs or TTL outputs. This cable is ideal for synchronisation between ANY-maze and other equipment such as electrophysiology rigs.

Details

- Two ports can be independently configured as inputs or outputs.
- Ports can be configured as active high or active low.
- Inputs are read at 100Hz.
- Outputs can be updated at up to 50Hz.
- Cable is 1.8m long.

Technical specification

Connection to PC	
Connection type	USB (USB1.1, USB2.0, USB3.0 compatible)
Power	Powered from USB
Maximum current drawn from USB	50mA
Ports	
Number of ports	2
Port types	Independently configurable as TTL input or TTL output
Connector	Pluggable screw terminal block
Inputs	
Read frequency	100Hz
Active state	Configurable. Default is Low
Pull-up resistor	200KΩ
Outputs	
Maximum update frequency	50Hz
Maximum current	6mA (source or sink)
Active state	Configurable. Default is Low