

Using Atari-Style Joysticks With The QL

Atari style joysticks are compatible with the QL, but have a different connector to the British-style 6 pin connector (the UK QL CTL port connectors are part number BS6312 type 630W, which look fairly similar to UK telephone connectors, but are not compatible since the latching pins are different size and different side, for example).

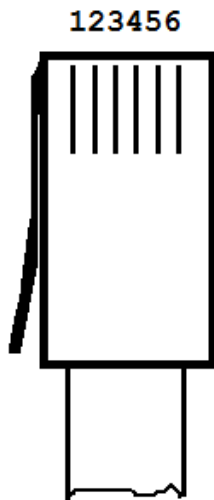
By making up a CTL port 6 pin to 9 pin D adaptor lead you can plug an Atari-style switched joystick into a QL CTL1 or CTL2 socket. You will need a 6 way cable to join them up. The pin numbers are as follows.

FUNCTION	QL	JOYSTICK
Joystick 1 common line	1	8
left	2	3
right	3	4
down	4	2
up	5	1
fire button	6	6

Some joysticks have the following extra lines which cannot be directly used with the QL, so leave them unconnected.

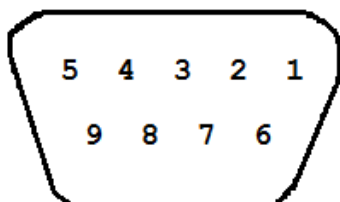
pin 9 = joystick 2 common line (dual joysticks)
pin 7 = +5 volts (on some computers only)
pin 5 = 0 volts (on some only)

On the QL CTL sockets, pin 1 is nearest to the latching pin on the plug as it is inserted:



QL 6-way CTL connector
(joystick port)

6-way flat cable



Joystick 9 pin D male connector
(viewed from back of plug, i.e.
looking at solder pins)

Here is a photo of what my joystick adaptor lead looks like:

