

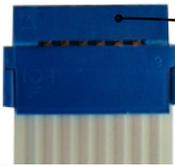
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SET UP HARDWARE



12v Power
(Required)

Ethernet LAN
(Option)*



Torricon Cable to
External Controller
(Option)*

USB to PC
(Option)*

*Choose a connection option. Not all modules have all of these options



Torricon Mux/Switch Modules Quick Start Guide

SATA Switch
Mini SAS HD Switch
USB Switch

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CONNECT

Choose your Controller

Direct USB

- USB control from PC
- Requires Quarch USB driver
- Windows only

- Best for bench testing/evaluation

External Controller

- Serial control via COM port
- Serial control via USB->Serial (Interface Kit only)
- Telnet LAN control (Array Controllers Only)

- Ideal for automated control
- Control multiple modules
- Ideal for Perl/Python scripting

Direct LAN

- Telnet LAN control without an external controller

- Remote control of single modules

Serial Setup

| | |
|--------|--------------|
| 19,200 | Baud |
| 8 | Bit Data |
| 1 | Stop Bit |
| No | Parity |
| No | Flow Control |

NOTES

- Direct USB control is available on windows only. This is normally for evaluation use or manual control with TestMonkey software.
- Some Switch modules do not have direct control options, these require an External Controller.
- Not all modules have an Ethernet LAN interface.

DOWNLOADS

www.quarch.com/downloads

- TestMonkey Software
- Technical Manuals
- USB Drivers

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CONTROL

Install Quarch USB drivers, Connect module on USB
Install and run TestMonkey.

A GUI walkthrough is included in the 'Help' menu

For automated control, Standard ASCII terminal
commands are used to control the Module

***tst?**
help

To connect 2 ports (bi directional connection)
mux:connect A 6 (Ports A and 6 connected)

To forward a port to an additional output port
mux:forward A 7 (Port A also forwards to 7)
Not all modules can forward data, check your
technical manual for details

To turn off a port
mux:off A (Turn off port A)
mux:off ALL (Turn off all ports)

Each port outputs data from ONE source port only.
To view the source for a port, use the command:
mux:A:source?

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TROUBLE SHOOTING

Basic Checks

- Check the 12v power supply is connected
- Check the correct cabling is attached for your chosen connection mode.
- Only one control mode can be in use at one time. Ensure no other connection is already open
- If using a LAN connection, you may need to setup DHCP, DNS and Gateway options. See the technical manual for details.

Switch Checks

- If you have signal integrity issues, ensure your test setup is using high quality cables of the minimum possible length.
- Ensure the cables are connected to the correct port. Most modules have LEDs to show the currently connected port(s)

FOR MORE INFORMATION PLEASE REFER TO THE MODULE
TECHNICAL MANUAL AVAILABLE FROM OUR WEBSITE

WWW.QUARCH.COM

FOR SALES / SUPPORT PLEASE CONTACT:



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