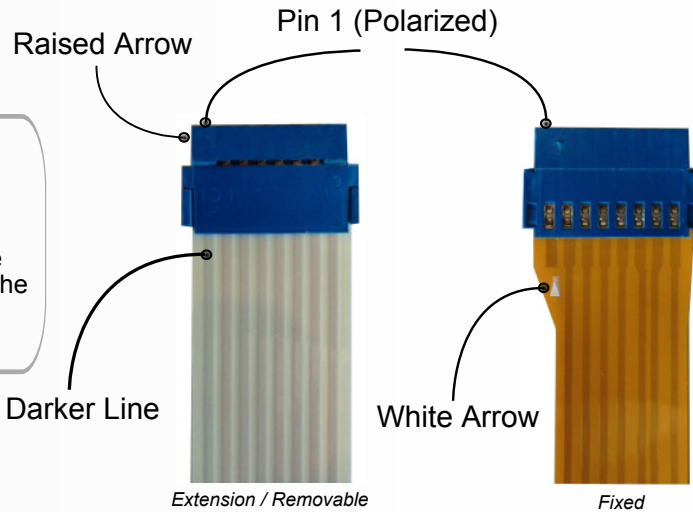


1

SET UP HARDWARE

- Connect Module to the controller with pin 1 marks aligned
- There are two possible cables, depending on the module supplied



**Torridon Hot-Plug Modules
Quick Start Guide**

Drive Modules
Cable-Pulls
PCIe Breakers

2

CONNECT

Choose your Controller

Interface Kit

- Serial control via COM port or USB->Serial
- Direct USB to Module (Not available on 'Lite' Modules)

- Best for bench testing/evaluation
- Ideal for use with Testmonkey

Array Controller

- Serial control via COM port
- Telnet control via LAN
- USB control via Quarch API
- Direct USB to Module (Not available on 'Lite' Modules)

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

Serial Setup

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

NOTES

- See the appropriate Quick Start guide or Technical Manual for your chosen controller
- 'Lite' modules cannot be directly connected on USB
- Direct USB control is available on Windows only. This is normally only used for evaluation use or manual control with TestMonkey Software

DOWNLOADS

www.quarch.com/downloads

- TestMonkey Software
- Technical Manuals
- USB Drivers

3

CONTROL

Standard ASCII terminal commands are used to control the Module

***tst?** Run self test on the module
help View command list

To power up (insert/connect the module)
run:power up

To power down (remove/disconnect the module)
run:power down

Instruction command respond with a success
OK

or a failure message in the form
FAIL: 0x15 -Invalid argument

Commands ending in '?' return data to the user
run:power?

This command returns **PLUGGED** or **PULLED**, depending on the current state of the module.

If you are using an Array Controller, you must add a port number to all commands, to specify which module you want to control.

To power up the module connected to port 3
run:power up <3>

For a full command list, you will need the technical manual for the Module. This can be downloaded from our website.

4

TROUBLE SHOOTING

Basic Checks

- Check power supply is connected
- Check Serial/Telnet/USB cable is correctly connected
- Check module is connected correctly to its controller
- Check the module connection LED(s) are on (not present on drive modules)
- If using serial, check COM port is set up correctly and is open
- If using Telnet, refer to checks on the Array Controller documentation

Connection Modes

- Not all modules support USB control. 'Lite' modules will never show up in the USB tab of TestMonkey, they are Serial only
- Lite modules can still be controlled from a USB port with (1) An Interface Kit in USB->Serial Mode or (2) An Array Controller (Windows only)

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

WWW.QUARCH.COM

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