



# Quarch Power Studio

QPS

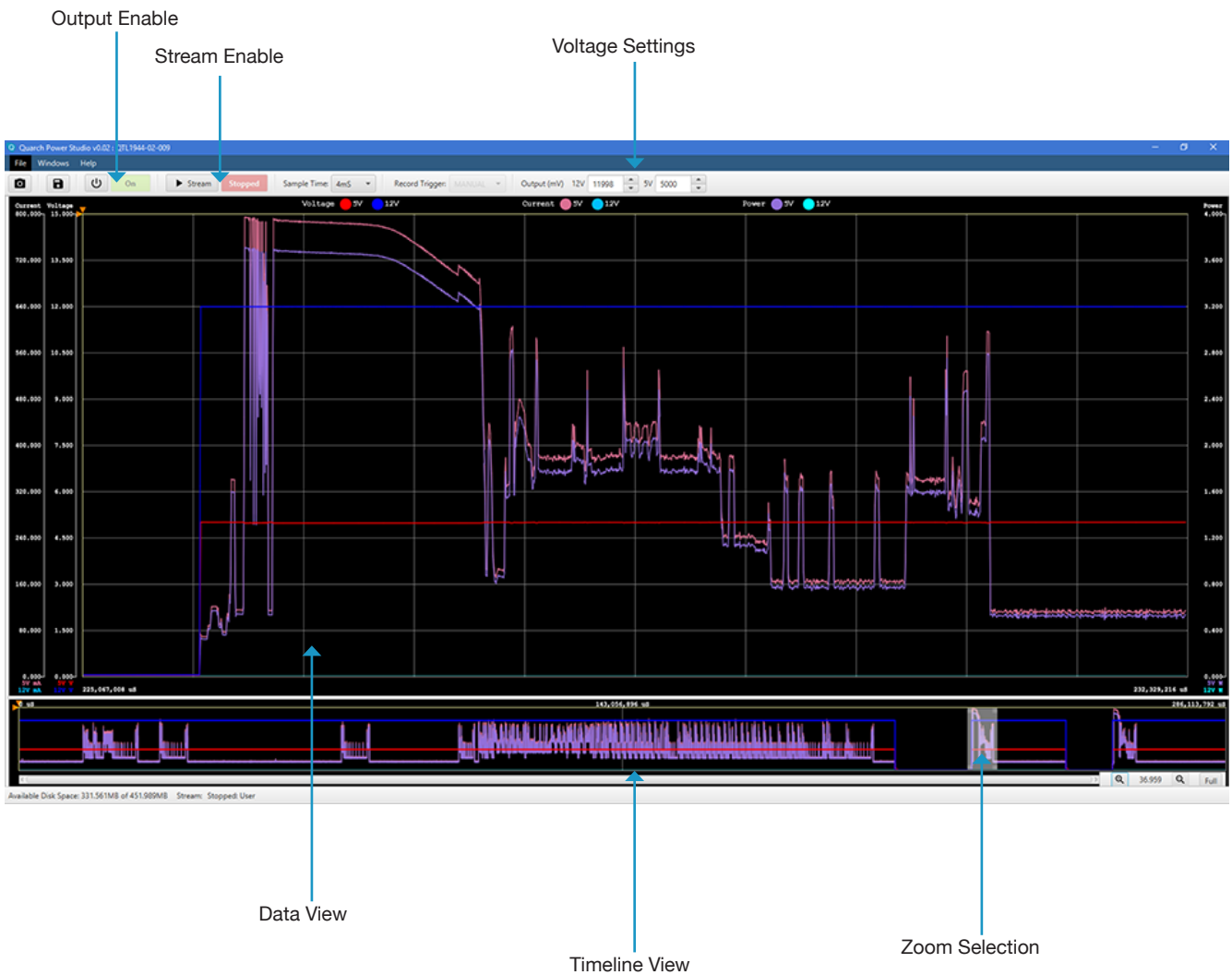
Quick Start Guide





# Quarch Power Studio

## QPS





## Required Parts

### Description

#### Quarch Power Module

XLC and HD units supported



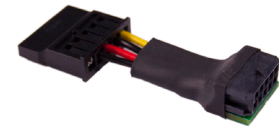
#### Connection Cable

USB Cable (XLC and HD) or  
LAN Cable (HD only)



#### Appropriate Fixture

Cable and fixture as needed to connect  
to your device (SATA and AIC fixture  
examples shown)



# 1

## Running QPS

### Software

- QPS is downloaded as .zip file. Extract this folder to your PC
- **CRITICAL: v1.01 does NOT support paths with spaces, ensure the path you extract to does not have any spaces in it**
- Open the folder and double click qps.jar to run the application
- QPS requires Java to run. This can be downloaded from: <https://java.com/en/download/>
- QPS does not require drivers or any additional software to run

# 2

## Connecting a module

### USB

- Connect the USB cable from the power module to the PC
- You may need to click the rescan button on the connection screen to display the module
- Double click on the module to connect to it

### LAN

- Connect the LAN cable from the power module to the PC
- If your network supports DHCP, an IP address will be assigned automatically. Otherwise you will need to configure the device manually, see the HD quick start guide for details: <http://quarch.com/file/hd-power-modules-quick-start-guide>
- You may need to click the rescan button on the connection screen to display the module
- Double click on the module to connect to it

The screenshot shows the Quarch Power Studio v1.02 application window. The title bar reads "Quarch Power Studio v1.02". Below the title bar is a menu bar with "File" and "Help". A refresh icon is visible below the menu bar. The main area contains a table with the following data:

Serial	Description	Connection
QTL1999-01-002	HD Programmable Power Module + Triggering	TCP

# 3

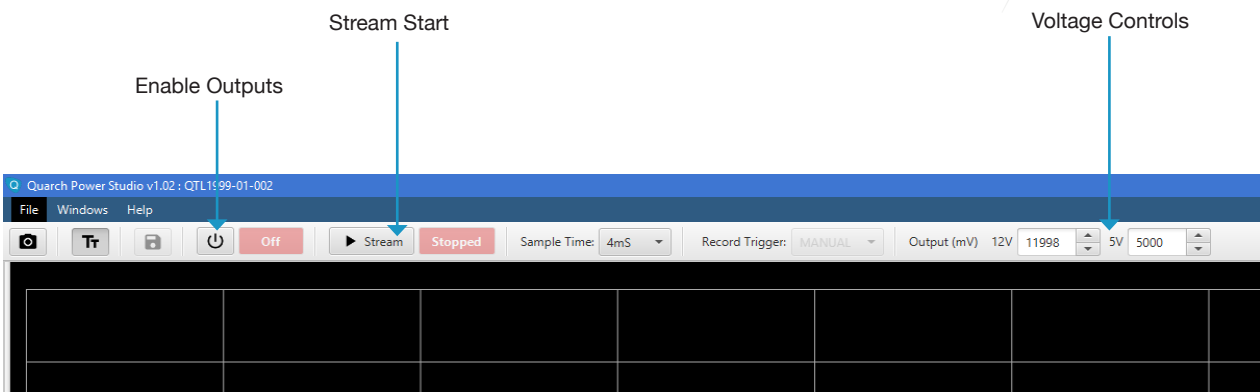
## Using QPS

### Historical Mode

- You can view previous recordings, even if you have no power module attached  
Links to an example data file is provided in section 4 below
- From the connection screen, select **File->Open Recording...**
- Navigate to the .QPS file and select it

### Live Mode

- Connect a power module to your PC, and select it, as in section 2 of this guide
- Ensure the voltage range is acceptable for your device
- Enable streaming, using the stream start control
- Enable the outputs (powering up the device) using the output enable control





# 4

## Useful Materials

### Downloads

The full software manual can be found here:

<http://quarch.com/file/quarch-power-studio-user-manual>

Example data can be downloaded to trial QPS without a power module:

<http://quarch.com/file/qps-example-data>

Torridon Terminal is here, for setting manual IP addresses:

<http://quarch.com/file/torridon-terminal>

The full technical manuals for the power modules are here:

[XLC Technical Manual](#)

[HD Technical Manual](#)





# 5

## TROUBLESHOOTING

### QPS.jar file cannot be opened

1. Check that Java is installed and up to date
2. Download Java from:  
<https://java.com/en/download/>
3. Run the Java 'check for updates' app in Windows

### QIS.jar could not be found

1. Some systems have issues with spaces in the path  
Avoid this by ensuring the path to your QPS folder does not have any spaces in it

### I need more help

1. Check out [quarch.com](http://quarch.com) for application notes and examples and the full technical manual for each module.
2. Email [support@quarch.com](mailto:support@quarch.com) for a quick response.
3. Call the office direct (UK office hours) on +44 1343 508 140.

