

## About this release

**V3.34.0** adds support of Qu-SB and extended WDM support.

The driver now presents 3 WDM stereo devices mapped to:

- ST1, ST2, ST3 (Qu-16, Qu-24)
- CH27-28, CH29-30, CH31-32 (Qu-32, Qu-Pac, Qu-SB)

## Previous releases

**V3.20.0** added support of Windows 10.

**V2.20.53** added support of Qu-Pac.

**V2.20.52** changed routing of stereo Windows WDM audio to ST3 on Qu-16 and Qu-24, Ch31-32 on Qu-32.

**V2.20.4** added a Control Panel and a driver tray icon.

## Features

### ASIO Features

- ASIO 2.2 compliant
- Supports both 32-bit and 64-bit ASIO host applications
- Multi-client support (multiple ASIO applications in parallel)
- Playback mix (simultaneous ASIO and WDM playback)

### WDM/DirectX Features

- Supports standard Windows interfaces: MME, DirectSound, WASAPI
- Stereo and multi-channel playback / recording
- Volume and mute control through Windows Mixer

### MIDI Features

- Windows compliant MIDI input and output ports

## System requirements

The Qu Windows driver supports these Windows operating systems:

- Windows 7 (32 and 64 bit)
- Windows 8
- Windows 10

**Note** A driver is not required for Mac computers.

The minimum PC hardware requirements are as follows:

- PC or laptop manufactured after January 2006
- Intel Core 2 @1.6GHz or AMD equivalent
- 1 GB memory

## Installation

1. Download the installation file.
2. Power the mixer and connect the rear panel USB-B port to the PC with a normal USB A to B cable.
3. Run the installer and follow the instructions on screen.
4. Your mixer will show up as an audio device in Windows, and as a WDM / ASIO device in DAW software.

## Control Panel

Click on the driver tray icon to access the Qu USB Control Panel and set the following configuration options:

**USB Streaming Mode** Defines the buffer depth in the USB streaming layer. Can be set to one of the following values:

- Minimum Latency = 1 ms
- Low Latency = 2 ms
- Standard = 4 ms
- Relaxed = 8 ms
- Reliable = 12 ms
- Safe = 16 ms
- Extra Safe = 32 ms

The Streaming Mode should be adjusted according to the capabilities and performance of the computer. If your application requires low latency, try switching modes gradually and test for reliable streaming. Should you experience any audio dropout, revert to a higher buffer setting.

For troubleshooting or more background information please visit our Knowledge Base article [here](#).

**ASIO Buffer Size** Defines the buffer depth between the driver and the DAW application. Can be set to 64, 128, 256, 512, 1,024, 2,048 or 4,096 samples.

If your application requires low latency, try reducing the Buffer Size gradually and test for reliable streaming. Should you experience any audio dropout, revert to a higher buffer setting.

**Note** The minimum allowed ASIO Buffer Size is dependent on the USB Streaming Mode - if the selected ASIO buffer is too small for the current USB Streaming Mode a warning message is displayed.

For troubleshooting or more background information please visit our Knowledge Base article [here](#).

## Known issues

- Pro Tools will report an unsupported buffer size when the driver is set to 2048 samples.
- The Qu mixer serial number is not displayed correctly in the driver Control Panel.
- Dynamic map of Windows WDM outputs is not supported.