U-PHORIA UMC-Series
Driver-ReadMe

This document gives an overview about the UMC-Series Windows driver 4.59.0.

Windows Users:

Driver Info:
The UMC series requires the installation of a driver before use with a Windows operating system.

The following OS versions are supported by this driver:
- Windows 7
- Windows 8
- Windows 8.1
- Windows 10

The following audio interfaces require the driver installation:
- UMC202, UMC202HD
- UMC204, UMC204HD
- UMC404, UMC404HD
- UMC1820

Please note:
- Non-HD models offer 44.1 to 96 kHz sample rate (16- or 24-bit)
- HD models go up to 192 kHz
- UMC202 and UMC202HD have no MIDI I/O

Driver Details:
This driver offers…
- various minor improvements and bug-fixes
- full Windows 10 support
- updated I/O channel names for the WDM driver part
- added ASIO-compatible logo at the UMC driver panel

If you're using already one of the named UMC interfaces without any trouble, there is no need to install this driver.

If you install an UMC device for the first time, this driver is recommended for a maximum compatibility.

Driver Installation:

1. Uninstall previous UMC driver versions (when available)

2. Remove your UMC hardware from the Windows system (when it had been connected already to your computer)

3. Double-click the setup.exe and follow the on-screen instructions

Driver Parts:

The driver setup will install 3 parts:

1. ASIO driver
2. WDM driver
3. MIDI driver (no MIDI on UMC202/UMC202HD)

➤ 1. ASIO:

Generally it is recommended to use the ASIO driver for any music application, if possible. It supports multi-channel I/O and low latency audio operation.

➤ 2. WDM:

Only if no ASIO is available, you should go for the "Windows Driver Model" (MME, DirectSound, WASAPI). It offers stereo record / playback, with higher latency than ASIO. Please select the same input and output channel pair, bit rate and sample rate on both Windows Sound Device panels (Record and Playback), and on your music application too, to avoid any conflict.

Please note that some bit/sample rate combinations are not available, such as 24-bit with 88.2 kHz under Windows 7, or 24-bit/176.4 kHz on any Windows system.

➤ 3. MIDI:

This driver part offers all standard features, such as 16 input and output channels, and model name indication at your MIDI application.

Special Case – UMC1820:

This model offers 2 operation modes (SPDIF / ADAT), selectable by the front panel switch "OPT I/O". When pressing, the unit will shortly reboot before the new operation mode is available. So, please close your music application before changing the mode.

Please find here an overview about the available I/O channels at the different modes:

OPT I/O switch	WDM driver	ASIO driver
SPDIF mode	**2/2 I/O channels** (selectable stereo pairs > 01-02 to 09-10 for record, > 01-02 to 11-12 for playback)	**10/12 I/O channels** (multi-channel operation)
ADAT mode	**Same as above** (no ADAT channels available)	**18/20 I/O channels** (multi-channel operation)

Mac OS X Users:

No OS X driver is required for the UMC-Series.

The interfaces are fully compatible with OS X 10.9 (Mavericks) or later.