

U-PHORIA UMC-Series Support Sheet

Operating Systems – Drivers Support – OPT I/O Mode (UMC1820)

Windows Users:

The UMC-Series requires the installation of a driver before use with a Windows operating system. There are 2 drivers available, depending on the version of Windows used.

- **Windows 10, Windows 8.1, Windows 7** users:
Please download and install the driver
“UMC_Driver_v3.29.0_Win7to10”
- **Windows Vista, Windows XP** users:
Please download and install the driver
“UMC_Driver_v2.29.0_WinXP+Vista”

Both drivers have a control panel and offer the same features, supporting ASIO, WDM, and MIDI operation of the interface. (UMC202 and UMC202HD have no MIDI functionality.)

Supported Interfaces:

- **UMC202** (96 kHz + 192 kHz) / **UMC202HD** (192 kHz)
- **UMC204** (96 kHz + 192 kHz) / **UMC204HD** (192 kHz)
- **UMC404** (96 kHz + 192 kHz) / **UMC404HD** (192 kHz)
- **UMC1820** (96 kHz)

Installation:

- FIRST uninstall an older UMC driver before installing a new one.
- Download and extract the zip file of the new driver.
- Double-click on the setup.exe and follow the instructions on the screen.
- Finally restart your computer.

Mac OS X Users:

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

The interfaces are **fully compatible** with the following OS X versions:

- **10.11** (El Capitan)
- **10.10** (Yosemite)
- **10.9** (Mavericks)

Older OS:

- **10.8** (Mountain Lion) + **10.7** (Lion) *may* have some smaller restrictions while operation.
For UMC1820:
After changing the “OPT I/O” mode with the front panel switch, you have to refresh the OS X Audio-Midi-Setup window to get the correct I/O channel numbers indicated.
- **10.6** (Snow Leopard) *may* have even more restrictions while operation.
For UMC1820:
The interface can only be used in S/PDIF mode (“OPT I/O” switch not pressed in).
ADAT operation is NOT supported by this OS X version!
- **10.5 + earlier** versions are not supported

OPT I/O-Switch (UMC1820):

- **Mode change:**
Please note that pressing the OPT I/O switch to change between SPDIF and ADAT mode, results in a short reboot of the UMC1820. Therefore please close your DAW / music application **before** pressing the OPT I/O switch.

- In SPDIF position (switch not pushed in):
The OPTICAL IN socket can receive stereo S/PDIF signals; the RCA IN socket is not used.
Both digital outputs (OPTICAL OUT + RCA OUT) have the same stereo S/PDIF signal.
The following S/PDIF sample rates are supported: 96, 88.2, 48, 44.1 kHz.
- In ADAT position (switch pushed in):
There are the following 2 options for the optical I/O signals:
 - ADAT mode (8 channels) – if sample rate is set to 44.1 or 48 kHz.
 - S/MUX mode (4 channels) – if sample rate is set to 88.2 or 96 kHz.
- In S/MUX mode:
Please note that only the first 4 channels of the optical digital stream are available, even if the driver panel or your DAW / music application shows all 8 ADAT channels.

• Quick Digital I/O Channels Overview:

Digital I/O Routing:	OPT I/O switch NOT pushed → S/PDIF mode	OPT I/O switch pushed → ADAT mode
RCA IN socket:	- (no signal)	IN 9-10 (S/PDIF signal)
OPTICAL IN socket:	IN 9-10 (S/PDIF signal)	IN 11-18 (ADAT signal)* or IN 11-14 (S/MUX signal)**
RCA OUT socket:	OUT 11-12 (S/PDIF signal)	OUT 11-12 (S/PDIF signal)
OPTICAL OUT socket:	OUT 11-12 (S/PDIF signal)	OUT 13-20 (ADAT signal)* or OUT 13-16 (S/MUX signal)**

*@44.1 or 48 kHz sample rate

**@88.2 or 96 kHz sample rate