
Updates

Always ensure that you are running the latest driver software and M-164UF firmware by visiting the TEAC Global Site (<http://teac-global.com/>).

Important Notice about the driver installation

Please be sure to remove the old driver before installing this driver.

Installation FAQs

For Windows

When I plug in my M-164UF, Windows Hardware Wizard appears but is unable to install the drivers. How do I install the drivers?

The driver installation must be started before plugging in your M-164UF. If you have already plugged it in without the drivers being installed, simply unplug the unit, exit all hardware wizard windows, and then launch the driver setup program. If you are using the CD-ROM that came with your unit, inserting it should automatically launch a menu that gives you the option to install the drivers. Select "Install Drivers" and follow the on-screen instructions. If you have downloaded drivers from TASCAM's web site, extract all the files from the ZIP archive to temporary folder and then launch "Setup.exe" and follow the on-screen instructions.

When I insert the installation CD-ROM into my Windows computer, it does not automatically launch a menu. How can I launch this menu?

It is possible that the CD-ROM autorun feature has been disabled on your computer. You can launch the installation menu manually by opening the CD-ROM in Windows Explorer and double-clicking the file: Autorun Menu.exe.

For Windows and Mac OS X

Which should I update first, the firmware or the driver?

It is best to update to the latest driver first, and then update the firmware.

How do I update my unit's firmware?

Simply download the latest firmware updater application from TASCAM's web site, launch it, plug your M-164UF into your computer, turn it on and wait for the unit to be detected by the updater application, and then press the "write firmware" button.

About the Cubase LE 5

Cubase Hotfix has been released.

For Windows XP, Vista, 7

For Mac OS X 10.4, 10.5, 10.6

Please refer to the following site about this Hotfix.

http://www.steinberg.net/index.php?id=downloads_cle5&L=1

About the Cubase LE 4

Cubase Hotfix has been released.

For Windows XP, Vista, 7

For Mac OS X 10.4, 10.5, 10.6

Please refer to the following site about this Hotfix.

<http://www.steinberg.net/index.php?id=880&L=1>

Owner's Manual Addendum

Multi-client Operation

On Windows, the M-164UF has the ability to mix the outputs of simultaneously running audio applications that are using different driver protocols. For example, the following configurations are possible:

ASIO App (Ableton Live) + WDM App (SONAR) + GSIF2 App (GigaStudio)

ASIO App (Ableton Live) + MME App (iTunes) + GSIF2 App (GigaStudio)

New Function

For Windows Driver

Note about operation with Windows 8 (including 8.1) 32-bit and 64-bit editions

Proper operation has been confirmed with the V2.02 driver.

■ Version 2.02

- The stability of operation on Windows has been improved.

■ Version 2.01 (only for Windows 64-bit editions)

- This version supports 64-bit editions of Windows 7.

CAUTION

This driver cannot be used with Windows 32-bit editions. If you are using a Windows 32-bit edition, use the Version 2.00 (32-bit edition) driver.

■ Version 2.00 (only for Windows 32-bit editions)

- The software is now compatible with 32-bit editions of Windows 7, Windows Vista SP2 and Windows XP SP3.

CAUTION

- *Please use this driver with above Windows Service Pack.*
- *This driver cannot be used with Windows 64-bit editions. If you are using a Windows 64-bit edition, use the Version 2.02 (64-bit edition) driver.*

■ Version 1.00

- The unit is now compatible with Windows XP 64-bit and Vista 64-bit operating systems.

CAUTION

Windows 64-bit systems require great amounts of memory and processor power. If the sound skips, for example, you must adjust the audio performance settings in the M-164UF control panel and the settings of the DAW software or other audio applications that you are using in order to find suitable settings for your operating environment.

For Mac OS X Driver

Note about operation with OS X Yosemite and Mavericks

Proper operation has been confirmed with the V2.00 driver.

■ Version 2.00

- Version 2.00 supports Mac OS X v10.6 Snow Leopard (32-bit/64-bit)

NOTE

Version 2.00 is for Mac OS X v10.5.8 and v10.6 or later, and Version 1.13 is for Mac OS X v10.3.9 and v10.4.11.

Maintenance Items

For Windows Driver

■ Version 2.02 (only for Windows 64-bit editions)

- When using Cubase LE 5, the sound output timing was slightly faster than the actual time in some cases. This has been fixed so timing is now correct.
- When using Cubase LE 5, the MIDI output timing was slightly faster than the actual time in some cases. This has been fixed so timing is now correct.

Known Issues

For Windows driver

■ Version 2.00

- Some caution screens appear when uninstalling the driver. This doesn't affect the operation.

■ Version 1.00

- When using Cubase/Cubase LE 4, if you close a 96 kHz project once, and then a 96 kHz project is opened, the internal sampling setting is set to 44.1 kHz and the sound signal is muted. If this should happen, press the Reset button in Cubase's Device Menu/Device Setup/VST Audio System. This corrects the setting and allows sound to be heard.
- When using Sonar 6.2 ASIO mode, the sampling frequency display in the M-164UF control panel does not change even if the sampling setting is changed in Sonar. Internally, however, the setting has taken effect.
- When using Sonar 6.2 ASIO mode, the M-164UF is not recognized if a US-144/122L or US-1641 driver is installed. When using Sonar, please avoid installing drivers for both the M-164UF and the US-122L/144 or US-1641 on the same computer.
- PCs with nVIDIA USB controller chips may not offer optimum performance for audio streaming over USB 2.0, resulting in audio artifacts. A higher latency setting or the addition of a non-nVIDIA USB 2.0 card is required. To find out what controller chip your PC uses:
 1. Go to START > Control Panel > System.
 2. Click on the Hardware tab, then the Device Manager button.
 3. Click the "+" (plus) sign next to Universal Serial Bus Controllers.

4. You will see the chip manufacturer of all installed USB controllers.

- If a WDM audio app (iTunes/Windows Media Player) is running and a M-164UF unit changes its sample rate, the audio will play at the wrong pitch. The workaround is to quit the WDM audio app and launch it again. The app should now play audio at the correct pitch.
- In order to use a M-164UF reliably with Windows Media Player, select the M-164UF as the Sound playback Default Device in the Audio tab of the Sounds and Audio Devices control panel. Do not configure the audio interface from within Windows Media Player.
- In some rare cases, we have found that built-in motherboard audio devices can interfere with SONAR when it is in ASIO mode, causing SONAR to report an error each time it is launched. To work around this, disable the built-in motherboard audio using your computer's BIOS setup screen.
- In Windows Vista, the recording starting point might be off by a few milliseconds.
- When using Sonar, audio data created in a 24-bit project might be created as 16-bit data.
- When using Windows XP 64 SP1 and Sonar 6.2.1 with the sampling frequency set to 44.1 or 48 kHz using an ASIO audio driver, an error message might appear and correct playback might not be possible if you load and try to playback a project that is 88.2 or 96 kHz. Follow these procedures to avoid this problem.
 1. Quit and restart Sonar.
 2. After restarting, before loading a project, set the audio driver to WDM/KS.
 3. Quit and restart Sonar again.
 4. After restarting, load a project that has a sampling frequency of 88.2 or 96 kHz.

For Mac OS X driver

■ Version 2.00

- After rebooting from Sleep mode, audio application may not recognize the connected device via USB.

■ Version 1.00

- When switching from 44.1/48 kHz to 88.2/96 kHz, you may find you need to increase the audio buffer size to eliminate audio artifacts. Not all audio applications permit the user to adjust the buffer size, but most Digital Audio Workstations offer this feature.
- Some Macs may refuse to use the M-164UF for system sounds.
- GarageBand may not work properly at sample rates other than 44.1 kHz.
- The buffer size slider of a Native Instruments soft synth (B4, Pro-53, etc) does not operate properly when running as a standalone synth (not hosed in a DAW).
- When the sampling frequency is 88.2 or 96 kHz, the recording starting point might be off by a few milliseconds.