TASCAM
US-122L / US-144 Windows Driver Release Notes
Version 1.10 – August 26, 2007

Updates
Always ensure that you are running the latest driver software and US-122L or US-144 firmware by visiting http://www.tascam.com

Installation Frequently Asked Questions

What versions of Windows does the US-122L and US-144 support?
Windows driver version 1.10 supports 32-bit Windows XP SP2 and 32-bit Windows Vista.

When I plug in my US-122L or US-144, 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 US-122L or US-144. If you have already plugged it in without the drivers being installed, simply unplug the unit, exit all hardware wizard windows, and insert the CD-ROM that came with your unit. The CD-ROM should automatically launch a menu that gives you the option to install the drivers. Select "Install Drivers" 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

Do I install a driver update first or update the unit's firmware first?
Install the new driver first, then update the unit's firmware, if a firmware update is needed.

Owner's Manual Addendum

Multi-Client Operation
On Windows, both the US-122L and US-144 have 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)

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New Features in 1.10

- Support for 32-bit Windows Vista has been added.

Known Issues in 1.10

- 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:
        - Go to START > Control Panel > System
        - Click on the Hardware tab, then the Device Manager button
        - Click the "+" (plus) sign next to Universal Serial Bus Controllers
        - You will see the chip manufacturer of all installed USB controllers
- If a WDM audio app (iTunes / Windows Media Player) is running and a US-122L / US-144 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 US-122L or US-144 reliably with Windows Media Player, select the US-122L or US-144 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.
- The US-122L and US-144 drivers are not currently compatible with 64-bit Windows.

Miscellaneous

- The MIDI Activity and USB LEDs may continue to illuminate after a connected computer is powered off.
- The US-144's digital input will not be available if the clock mode in the control panel is set to "Internal". To use the digital input, set the clock mode to "Automatic" so the US-144 will clock to the external device.
- The MIDI IN indicator lights when any MIDI data is being received at the MIDI IN connector.
    - **NOTE**: A device that transmits the MIDI Active Sense message will cause this indicator to flash. To avoid this, disable the use of MIDI Active Sense on the sending device.
- Cubase and Nuendo allow their ASIO ports to be renamed. In the event it becomes necessary to reset the port names (as would be the case when switching between a US-122L and a US-144), perform the following steps:
    - From the Devices menu, select Device Setup
    - Click on VST Inputs, then click the Reset button
    - Click on VST Outputs, then click the Reset button