

You can use any available serial port on the Mac. The serial cable set available from TerraSonde is built to plug into a standard 8-pin Mac serial port. Note that both parts, the ATB-PSC MIDI-to-dB9-cable, and the ATB-MSC DB9-to-8-pin-DIN adapter are required. Often, the Modem port may be more easily accessed, since the printer port may be under the control of Apple Talk.

Mac USB Ports

The Toolbox hardware does not support direct interface to a USB port. You must use a USB to serial port adapter (available at any store that sells Macs, or through Mac Warehouse, Mac Connection, Mac Zone, etc.). Again, not all hardware combinations have been tested. If you find one that works or does not work, please let us know as we are compiling a data base of compatible equipment. we have a short list of USB-to-seral adapters on the TerraLink page

Procedure

After you have obtained all of the items required for the upgrade, follow these steps. If you have installed the current Mac ATB Interface program previously, you may skip ahead to "Upgrade the Audio Toolbox".

Obtain unlock code

Every new software release requires a different unlock code. Use the Unlock Code Request Form to get it from TerraSonde.

Install the Audio Toolbox Upgrader application

Follow these steps to install the Audio Toolbox Upgrader software. This will allow you to upgrade the software in your Audio Toolbox. This step only needs to be done once.

Download the ATB Upgrader compressed installation file (atbif25.sit.hqx, version 2.5, 160kb), if you have not done so already. Note the location to which the file is saved. (The specific location is not important, you just need to be able to find the file after it has been saved to your hard disk.) To make things easy, select your Desktop as the destination for file.

Expand the compressed program . The program is distributed in Stuffit format as a self-expanding file. To expand the file, just double-click on the icon. If you have a problem with the automatic expander, try expanding the program using Stuffit directly. Again, note the location of the expanded program.

Upgrade the Audio Toolbox

Once you have the ATB Upgrader application installed, you can download new software upgrades as they become available and download them into your Audio Toolbox. Follow these steps each time you wish to upgrade the Toolbox.

Download the current Audio Toolbox firmware you are installing.

Found in the Downloads section of the website.

Expand the new Toolbox software. If it is on your desktop, just double-click the icon. This will expand the file to a “.TER file”.

Connect the Toolbox to the computer serial port. Using the special Toolbox-to-serial port cable , plug the MIDI end of the cable into the Toolbox MIDI in and adjacent MIDI out ports, and plug the other end into an open serial port on the computer.

Prepare the Toolbox for the upgrade. To allow the Audio Toolbox to receive the upgrade, you must turn off the Toolbox, wait a moment, and turn the power back on. While the running man is moving across the screen, turn the encoder to the *right* (clockwise), until the display says "Serial download mode". Do this *before* starting the Upgrader program.

Start the ATB Upgrader program. Double-click the ATB Upgrader icon.

Select the serial port. From the Download menu, click Choose Connection. Then select your serial port from the drop-down menu.*

Open the new Audio Toolbox software file. On the File menu, select Open, and locate the correct .ter file that was expanded earlier. The ATB Upgrader will not let you open a non-Toolbox file. If you get an error at this point, it is most likely caused by trying to open the wrong file.

Begin the download. Go to the Download menu, and select "Begin Download". The ATB Upgrader will communicate with the Toolbox, and a box will appear.

Enter your unlock code. On the box that appears, enter the unlock code that you have received from TerraSonde, and click OK to start the download.

Wait for download to complete. This will take several minutes. Progress will be displayed as the download continues.

That's it. The process will complete automatically. Usually there will be 0 errors reported. The system can re-send packets if needed, but if you get a lot of errors something is wrong. About 5 seconds after the download has completed, the new software will start running on the Toolbox.