

Chirp Virtual MIDI Keyboard Controller Windows and Mac Installation Guide



Windows XP/Vista Installation

Minimum Computer Requirements

Chirp's computer requirements are driven by the Adobe AIR Framework. Here's what you'll need:

- Intel® Pentium® III 1GHz or faster processor
- Windows XP with Service Pack 2; Windows XP Tablet PC Edition; or Windows Vista® Home Premium, Business, Ultimate, or Enterprise; Microsoft® Windows® 2000 with Service Pack 4; Windows 2003 Server
- 512MB of RAM
- Microsoft .NET 1.1 Framework or later

Installation Process

When you install Chirp, you'll need to have an internet connection. The Chirp for Windows installer file installs several components, including a copy of the excellent LoopBe30 Multi-port MIDI Loopback Driver, the Adobe AIR Framework (required for Chirp to operate) and the Chirp application itself. (A MIDI Loopback driver is a piece of software that directs the MIDI output of one program to the MIDI input of another.) Once installed, Chirp requires an authorization step for each computer you install it on. You can install Chirp on more than one computer that you own - but each will require a separate authorization.

Double click on the ChirpInstaller.zip file (if you received it via EMAIL or Download.) This will allow you to extract the installation program. Double click on that file and the Chirp installation will begin. You will be prompted to agree to the End User License Agreement, then enter your name, EMAIL address and serial number.

(CDROM Installation Note - If you are installing Chirp from a CD - it will begin automatically, and then it will check for the latest installer file from our server. Unfortunately it does this after you enter the info, so when it downloads the new installer file, you may find yourself having to enter your name and serial again - sorry for the inconvenience.)

Once this information is entered, you'll be taken to a screen informing you that Chirp is about to download the necessary installation files. Click on **Next**. The total file size being downloaded is approximately 40Mb. Click **Continue** once the files are downloaded.

During the installation process, the installer will check for the existence of Adobe AIR on your machine already and may prompt you to install it - do so if you don't already have it. If it finds it, you'll need to click on **Close** on the AIR pop up. The installer will finish and ask you to reboot your PC. Click **Close** to do so.

Making Sure Everything is OK

You'll know you have everything installed properly if you run Chirp, click on File -> MIDI Setup and in the 1st drop down menu (Output Device) you see the Microsoft GS Wavetable SW Synth and some entries called "X. Internal MIDI." If you select the Microsoft SW Synth, you should be able to hear piano sounds if you play the labeled computer keyboard keys. Just a note - setting this to any of the Internal MIDI ports directs the MIDI notes to any software application which has its MIDI Input set to the same input port number. This is the setup you'll use with your DAW or sequencer. Refer to the manual for more details on setup with popular DAW and music applications.

A Windows side note - for some strange reason, Windows PC's have a slight delay when you first start playing notes after you load Chirp - it goes away after you play a few notes. We had a team of scientists look at the issue and the report back was "beats the hell out of us." Not to worry.

Mac OS X Installation

When you install Chirp, you'll need to have an internet connection. The Chirp for Mac installer file will do two things - it will download the latest version of the Chirp software, and also download the Adobe AIR framework on which Chirp relies.

Minimum Computer Requirements

Chirp's computer requirements are driven by the Adobe AIR Framework. Here's what you'll need:

- Intel Core™ Duo 1.83GHz or faster processor; PowerPC® G4 1GHz or faster processor
- Mac OS X 10.4.11 or Mac OS X 10.5.2
- 512MB of RAM

Installation Process

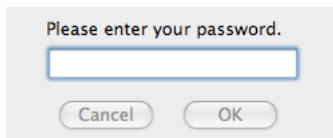
Double click on the ChirpInstaller.tar file (if you received it via EMAIL or Download.) This will allow you to extract the installation program. Double click on that file (ChirpInstaller) and the Chirp installation will begin. You will be prompted to agree to the End User License Agree-

ment.

CDROM Installations - If you are installing Chirp from a CD - it will tell you that it's going to copy the installation file from the CD to the hard disk (since the installer needs to write information and it can't do that to a CD.) Do this and double click the **Chirp_Webinstall_Mac** file. Next, it will check for the latest installer file from our server. You'll need to first agree to the license agreement before it checks, and after it downloads the new installer file, you may find yourself having to agree again - sorry for the inconvenience.

The installer will now download the necessary installation files.

The total file size being downloaded is approximately 40Mb. **Next, you'll be prompted to enter your password -use your serial number.**

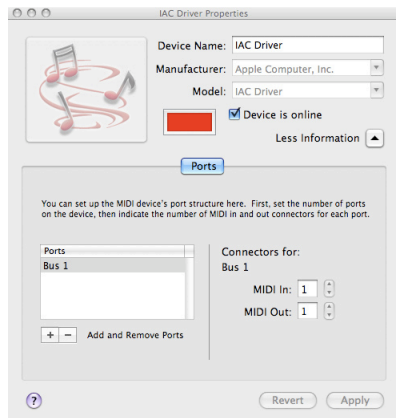


Once this is done, it will begin installing files. During this process, the installer will download and install Adobe AIR as well as some Interlok files. You'll be taken to a **Finish Up** screen - click **Quit** at this point; your Chirp is installed. No re-start is necessary.

Making Sure Everything is OK

Chirp Mac should work from the Mac keyboard once its loaded. The Mac automatically connects Chirp to the built-in Quicktime MIDI Synth. Press the keyboard keys and you'll hear a piano sound - press the drum trigger pad keys (z,x,c,v, etc) and you'll hear drums. Simple as that.

To route the MIDI data to your favorite DAW or sequencer program, Chirp utilizes the Mac's IAC Driver found under the Audio-MIDI Setup Utility. Be sure to open this utility, double click the IAC Driver icon and check the box saying **Device is Online**. Chirp will show up as "Bus 1" in your music software applications - be sure to set Chirp's MIDI Out to "Bus 1" as well. This can be found under the **File -> MIDI Setup -> Output Device** menu.

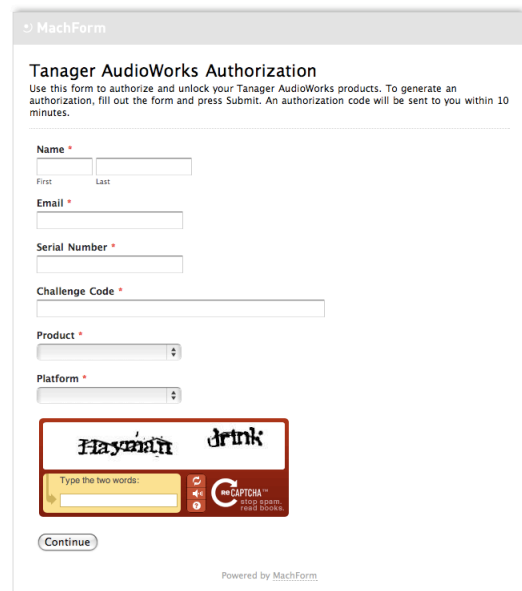


One more thing - under **Universal Access** in the **System Preferences** menu on your Mac, be sure to check the box at the bottom of the dialog that says **Enable access for assistive devices**. This option is required in order for the **Send Notes Always** capability in Chirp to operate properly.

Registering and Authorizing Chirp

As mentioned before, we allow you to install Chirp on more than one computer (Mac or Windows) - but each computer needs to be authorized in order for it to work. When you run Chirp for the first time after installation you will see a Challenge/Response dialog box.

A unique code for your specific computer and SongFrame serial number is created and displayed in the Challenge box. Click on **Copy Challenge**. Open your web browser and go to **http://song.tanag-er-audioworks.com/authorize.html**. Fill out the registration and authorization form. You should have received your serial number in an EMAIL minutes after your purchase. Paste the challenge code in the box on the form.



Note - if you have difficulty reading the two security words at the bottom of the form, click the loop icon to the right of the text entry box - you'll receive new words.

Once you submit the form, you'll receive an EMAIL in minutes with your **Response Code**. Paste it into the box on the Authorization screen and click **Next**. Chirp will unlock. You should never have to repeat this process again on this computer - even if you uninstall and re-install Chirp.

A bit about computer keyboards. Unless you have a fancy gaming keyboard where every key is wired independently, most computer keyboards are wired in a row/column switch matrix - there are certain key combinations that may not work together (hence some chords you won't be able to play.) This is completely dependent on the keyboard manufacturer and beyond the scope of what we can help with.