

Please Read for Important Information...

Thank you for your purchase of PreMaster CD. This file contains important information about the installation and operation of your application.

Requirements —

PreMaster CD requires the following:

CPU: Apple Macintosh PPC G4, G5 or Intel
1 GHz or higher
Display: 12" or larger display
RAM: 1 GB RAM minimum, >1 GB preferred
Disc: Apple-supplied, recordable optical disc mechanism
OS: Mac OS 10.4.3 or newer
USB: One available USB port for iLok
iLok: iLok USB Smart Key (not supplied)

Since PreMaster CD uses Core Audio, the quality of your playback and delivered discs will be entirely dependent on the hardware and associated drivers used. Note that PreMaster CD is supported on Macintosh OS versions 10.4.3 or newer for optimal device compatibility as well as CD Text support.

PACE InterLok:

Please note that PreMaster CD is protected with PACE Anti-Piracy's InterLok copy protection. Your PreMaster CD license is authorized with iLok USB Smart Keys. To request authorization for your iLok USB Smart Key, visit:

<http://www.sonicstudio.com/register>

Completing the form will generate an authorization request. We will then place a license for PreMaster CD in your iLok account. Failure to fill out the form completely will delay your authorization.

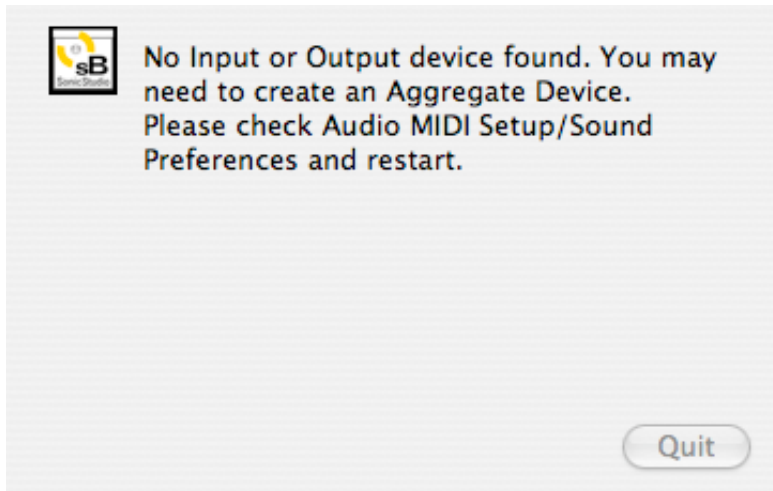
Note that, PACE's InterLok and SafeNet's Sentinel frameworks conflict so you cannot have a Sentinel dongle plugged in when running PreMaster CD.

Installation —

To install PreMaster CD, please refer to the Install Guide provided on your installation CD-ROM and in the downloadable installer package.

Intel Support —

A Universal Binary version is not available at this time. Though PreMaster CD will run under Rosetta, you may see the following dialog on startup:

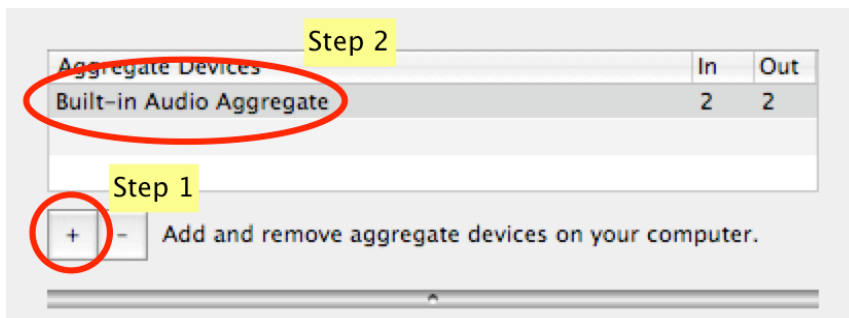


To insure proper operation for Intel Mac users, an "Aggregate Device" must be defined in Audio MIDI Setup.

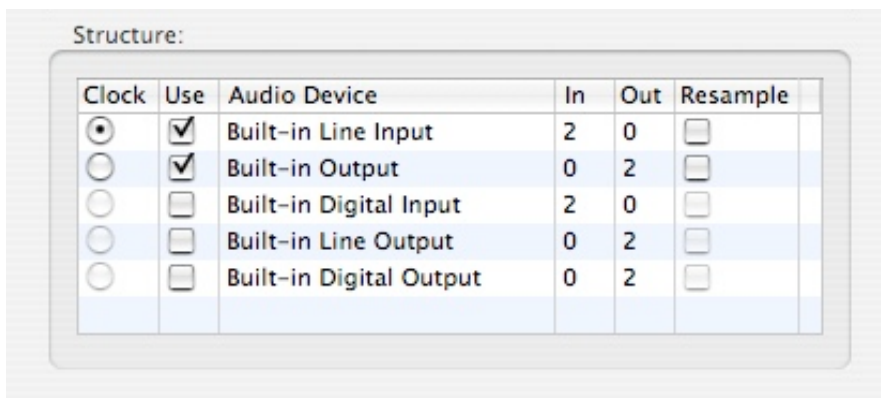
Open Audio MIDI Setup and select the Audio > Open Aggregate Device Editor command.

Step 1 - In the Aggregate Device Editor, shown below, click the + button to Add an aggregate device to the "Structure" list.

Step 2 - Double click on the default name and rename the Aggregate Device appropriately.



Step 3 - Click on the Use check boxes for "Built-in Line Input" plus "Built-in Output" or "Built-in Digital Input" plus "Built-in Output". Set your Clock source, see figure below, and click the Done button. **You must explicitly select an Input as your clock source.**

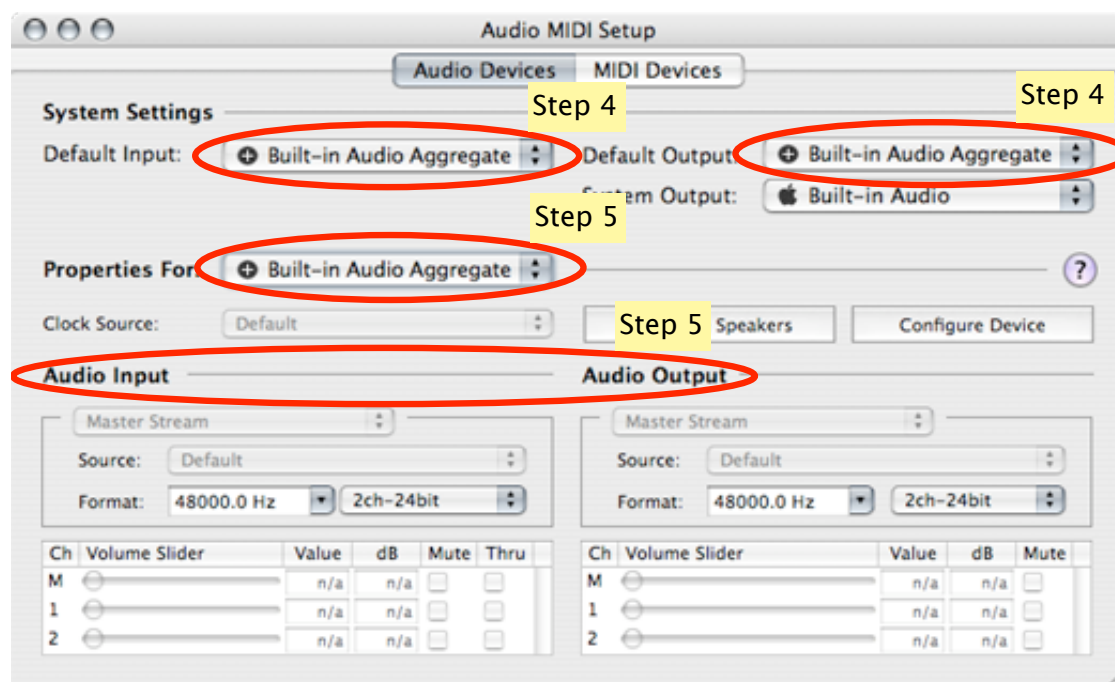


or

Structure:

Clock	Use	Audio Device	In	Out	Resample
<input checked="" type="radio"/>	<input checked="" type="checkbox"/>	Built-in Digital Input	2	0	<input type="checkbox"/>
<input type="radio"/>	<input checked="" type="checkbox"/>	Built-in Output	0	2	<input type="checkbox"/>
<input type="radio"/>	<input type="checkbox"/>	Built-in Line Input	2	0	<input type="checkbox"/>
<input type="radio"/>	<input type="checkbox"/>	Built-in Line Output	0	2	<input type="checkbox"/>
<input type="radio"/>	<input type="checkbox"/>	Built-in Digital Output	0	2	<input type="checkbox"/>

Step 4 - In the Audio Devices pane of Audio MIDI setup, check that both Default Input and Default Output are set to your newly defined Aggregate Device.



Step 5 - Using the "Properties For" list, select your Aggregate Device. Set your desired sample rate.

Be sure that *both* "Audio Input" and "Audio Output" display valid sample rates. If not, recheck your setting for Step 3 above.

You should now have a valid Aggregate Device with which to use your copy of PreMaster CD on an Intel-equipped Mac.

Software Updates —

Free updates to PreMaster CD 2.0 will be available in the Downloads section of the Sonic Studio website.

<http://www.sonicstudio.com/support/download.html>

Implementation Specifics —

Please take note that the following features may seriously affect your use of this application:

- ⌚ Note that, while CD-Rs delivered by PreMaster CD include CD Text, DDP file sets created by PreMaster CD do not contain CD Text data.
- ⌚ Open Session CD burning does not work if CD Text or ISRC metadata is included.
- ⌚ Due to the proprietary and rather poorly defined nature of the VST plug-in architecture, we recommend that all PreMaster CD users review their complement of plug-ins prior to installation. If both an AU and a VST version of a plug-in is available from a vendor, we highly recommend that you disable any VST version that you have.

To do this, simply search for all folders named "VST." Be advised that there may be two or three Library/Audio/Plug-Ins/VST directories in your file system. Once you have located all "VST" directories, create a "VST Disabled" folder at the same level as the "VST" folder and drag duplicate VST plug-ins to the VST Disabled folder.

- ⌚ DDP file sets created by PreMaster CD are "source-mode complete." This means that 2 seconds of pregap are present, with silence before the first Start of Track (SOT) mark. DDP file sets created by some vendors are "source-mode incomplete," and are lacking the 2 second pregap.

In This Release —

Delivery & PQ:

- The default behavior of command-dragging sound files into a Project has changed. In this release, holding down the command key when releasing dragged sound file into a Project causes PreMaster CD to create Start of Track Marks for each sound file. To revert to the legacy behavior of Start and End of Track Marks, hold down the command and option keys prior to dropping sound files onto the top Panel.
- A Contextual Menu entry has been added for PQ Marks, Move Edit Point To Mark, to simplify locating Marks.
- An Edited Black to Start Marks menu choice has been added. This command simplifies the re-sequencing of CD Tracks.
- Many improvements have been made to DDP delivery. Note that, in the Speed menu, the descriptors are provided as a guide and are not explicit. The actual speed is host-specific.

Editing:

- The ability to select segments with the keyboard has been improved. With an existing selected segment, the key combination of *shift + left or right arrow* now extends the selection to the next or previous segment, respectively.

Export:

- The Export function has been improved. An Edit after Export option is now available, as well as a speed selection menu.

File Handling:

- The creation of waveform metadata files has been completely rewritten.
- How PreMaster CD handles sound file parsing has also been completely rewritten.
- Saving Projects As..., when specifying a new target volume, has been improved.
- Dragging and dropping files onto a Panel, to open them, has been improved.
- Application-generated files and their icons are now handled properly.

Options:

- PreMaster CD now supports options, including Manual DeClick II and DDP File Open

PACE:

- PACE's iLok USB Smart Keys are now supported. In addition, the use of multiple,

simultaneous iLoks attached to the host are handled correctly.

Known Issues —

☞ Note that sound files with names longer than 27 characters will prevent waveform metadata from being built.

☞ Because PreMaster CD employs the CD writing functions of Mac OS, 3rd party optical disc writers are handled differently than Apple-supplied, built-in drives. A simple and inexpensive application, Christian Moeller's PatchBurn < www.patchburn.de>, creates a "Device Profile" used by the operating system when addressing the drive.

☞ The disc writing function built into Mac OS does not support Track at Once, also known as Open Session, discs with CD Text. Please disable CD Text when delivering Open Session discs.

☞ Note that, when using a 3rd party, FireWire-attached CD-R or DVD-R drive, you must power up the mechanism and restart PreMaster CD in order for the application to recognize the drive. To prevent rare but expensive repairs to your equipment, always plug in FireWire peripherals when powered off, then apply power to the peripheral.

☞ Because of the loose specification of the USB bus and complete dependence on the host for their operation, USB-attached peripherals are not supported by PreMaster CD. In addition, USB hubs have been shown to interfere with the proper operation of PreMaster CD.

☞ To insure that PreMaster CD's registration process functions correctly, you should remove or rename the ~/Library/Preferences/Sonic\ Preferences/ folder. This will prevent interference between earlier version of Sonic Studio software and PreMaster CD's PACE copy protection framework.

☞ When rearranging CD Tracks in the Mark Info window, Track 1 cannot be moved. As a work-around to move Track 1, use the Track Bar in the Project.

☞ The Reverse Soundfile command does not function properly. The editing of the resultant sound file does not occur correctly. As a work-around, undo the edit after reversal and manually edit in the resulting sound file.

☞ When dragging fades, sometimes the audio underneath the fade will move or be unintentionally offset on the time line. As a work-around, undo the fade change, perform the fade move again and then turn the fade tool off until needed to protect your fade settings.

☞ Occasionally, stereo playback or editing will break momentarily. To fix this, simply click on the mono Edit Mode button and back to stereo again to reset.

☞ The following audio devices have not been fully tested: RME's Digiface and Multiface, MOTU FireWire interfaces, Presonus Firepod, Lynx Audio and Digidesign's Mbox.

☞ Note that the DC30 Xact Driver from SQUARED 5 has been shown to cause problems with JAM image file creation in conjunction with Sonic Studio products. If you have installed the DC30 Xact Driver, please disable it prior to using PreMaster CD. We recommend X Overload2 for configuring your system. See <www.xoverload.com> for more information.

☞ If segments are moved after PQ Marks have been placed, your mark locations must be checked.

☞ If sound files are part of a Project when saved as a Default Project, the sound files will be referenced in all default Projects. Always save an empty Default Project.

☞ Due to the modest processing overhead involved, it is recommended that you consider

disabling the Journaling feature of OS X. If you routinely work with multiple applications and processes running simultaneously, you may find that disabling journaling improves audio performance. This must be balanced against the great improvement in file system integrity that journaling provides.

To disable journaling, use the Disk Utility application:

1. Log in as an Admin user to the CPU whose volume settings you want to modify.
2. Make sure that no account is using the volume.
3. Open Disk Utility (/Applications/Utilities/).
4. Select the disk you want to work with in the column on the left.
5. Click the Information tab.
6. Click Remove Journaling.
7. Quit the Disk Utility application.

Using PreMaster CD with Pro Tools —

You can add PreMaster CD to the list of recognized applications in the Digidesign CoreAudio Manager. Refer to Digidesign's CoreAudio Usage Guide for information on associating PreMaster CD with your Pro Tools hardware and configuring the Digidesign CoreAudio Manager. Please refer to Digidesign's site <<http://www.digidesign.com/download/coreaudio/>> for the current version. You should have the most recent version of the Digidesign CoreAudio Driver installed for seamless operation.

Basic instructions:

- Run the Digidesign CoreAudio Setup Application
- Select "Supported Applications..."
- Select "Add New Application..."
- Choose the PreMaster CD application and add it to the Digidesign CoreAudio driver's list of supported applications.

Contacting Us —

We are always interested in your experiences with the product. For bug reports and support issues, visit:

<http://www.sonicstudio.com/support>

To suggest new features in our products, e-mail us at <enhancements@sonicstudio.com>. For up to date information on all of Sonic Studio's products, visit <www.sonicstudio.com/products>.