



# MacAppStuff Blank

## User Manual

## Contents

[Introduction](#)

[Preferences](#)

[Trial limitations](#)

[How to buy](#)

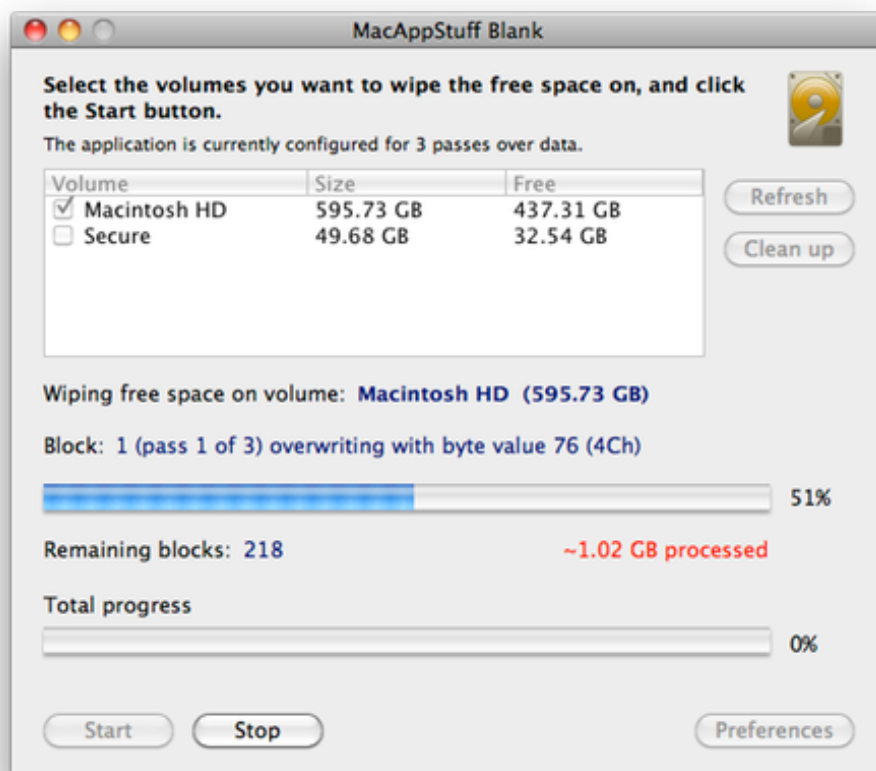
[License agreement](#)

[Limited warranty](#)

[Contact](#)

## Introduction

MacAppStuff Blank erases unused space on hard disks, USB flash drives etc, to prevent the recovery of deleted files. Any data which still resides in that unused space, albeit marked 'free', can be properly and securely deleted by overwriting it. As you may know, simply deleting a file does not actually delete the content of the file. Instead, the space that file occupied on the disk is simply marked as being 'free', and may exist for a long time until another file is allocated that space (or part of it).



Simply check the drive(s) you want to work on, the number of passes you want to perform (see Preferences) and click the "Start" button (the trial version is restricted to one pass only).

(You can use the "Refresh" button to manually refresh the drive list if you mount/dismount any volumes while the application is running).

When wiping begins, you are shown the following information:

- The name of the volume whose free space is currently being wiped.
- The current block (blocks are files the application writes to your volume, they are temporary and deleted after wiping has completed successfully).
- The current pass of the block (see Preferences).
- The value being used to overwrite the data (see Preferences).
- The number of remaining blocks yet to be made.
- The total progress.

The time it takes to wipe a volume depends on the size of the volume, the speed of your Mac (and amount of RAM), and how many passes you specify. Obviously, 8 passes will take eight times longer than 1 pass.

A quick test showed that an iMac with 2.66GHz CPU, 4GB DDR3 RAM would wipe 517GB in 3 hours 22 minutes (using one pass). So three passes would take about 10 hours.

This application needs to create temporary files in the root folder of the volumes whose free space is being wiped. Therefore, write permission is necessary for those folders. No other files within the folder will be touched. Any temporary files created by this application will be cleaned-up after the volume has been successfully wiped or you abort by clicking the "Stop" button.

In the event the temporary files created by the application are not deleted, select the drives above and then click the "Clean up" button. You will then regain any lost disk space.

Close other applications using the volume(s) before wiping begins.

Do not use the volume(s) while wiping is in progress.

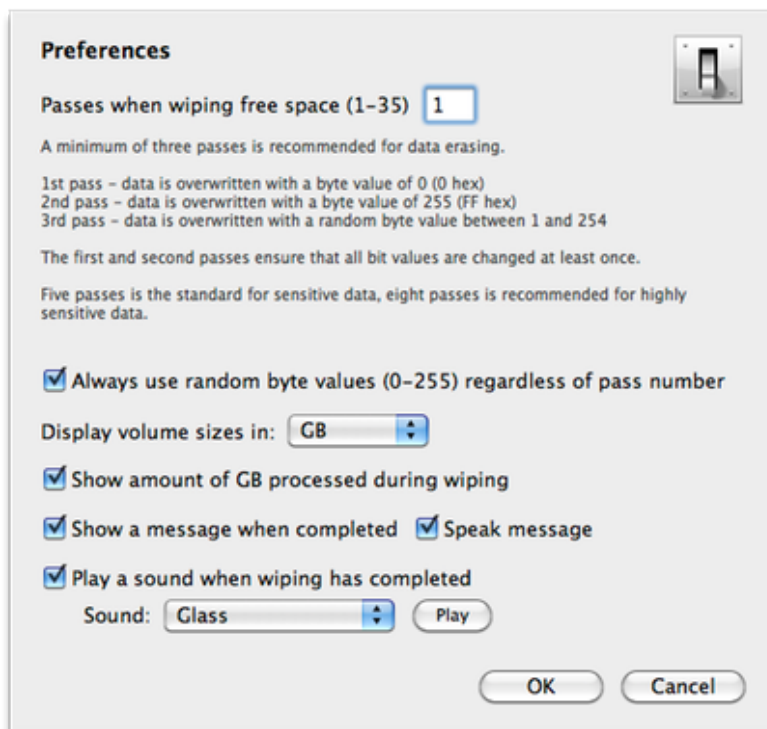
Consider emptying the Trash prior to wiping.

You can ignore any warnings about low disk space while wiping is in progress.

## **Disclaimer**

MacAppStuff/the author of this application/software cannot be held responsible for any loss of data you might incur. You use this application at your own risk. Proper use of the application cannot result in unwanted data loss.

# Preferences



## Passes

As shown in the screenshot above, the number of passes can range from 1 to 35. A minimum of three passes is recommended for data erasing. The value used to overwrite the free space depends on the pass:

- 1st pass - data is overwritten with a byte value of 0 (0 hex)
- 2nd pass - data is overwritten with a byte value of 255 (FF hex)
- 3rd pass - data is overwritten with a random byte value between 1 and 254

The first and second passes ensure that all bit values are changed at least once. Five passes is the standard for sensitive data, eight passes is recommended for highly sensitive data.

## Always use random byte values (0-255) regardless of pass number

If you don't want to follow the default pattern for writing byte values (1st pass = 0, 2nd pass = 255, 3rd pass = random 1 to 254) you can check this option to write a random byte value between 0 and 255 for every pass.

## Display volume sizes in...

Determine how the size of volumes is shown in the drive list. You can select TB (terabytes), GB (gigabytes), MB (megabytes), KB (kilobytes) or bytes.

## Show a message when wiping has completed

When checked, a message dialog will appear when wiping has finished, and you can choose to have your Mac speak the message (if it has the facility to do so).

## Play a sound when wiping has completed

When checked, the chosen sound will be played.

## Trial Limitations

The trial is designed to run for 14 days. After this time you will either need to purchase a license from our website (see below), or remove it from your computer. The trial is limited in that you can perform 1 pass of data, and only wipe around 10GB of data per disk.

## How to buy

If you are truly satisfied with the software and have fully evaluated it for 14 days, you can purchase a license online from our website (go to the product page and click the Buy button).

PayPal handle our payments. You need a working email address to purchase the software. Once you have made your purchase, you will receive an email from PayPal confirming the transaction, and an email from us (usually within 24 - 48 hours) which will include you're your license and a download link to the software.

Your license becomes void if it is used by someone else to activate the software, if a refund is issued or your payment is fraudulent.

Our website (<http://www.macappstuff.com/help.aspx>) contains full details regarding licenses.

## License Agreement

MacAppStuff grants the customer a non-exclusive and non-transferable license to use MacAppStuff Blank™ (the "software") as long as the customer complies with the terms of this agreement. With a single-computer license you may use one (1) copy of the software on one computer. A multi-computer license may be purchased to allow the software to be used on more than one computer.

The MacAppStuff Blank documentation and the software are copyrighted and all rights are reserved. The software and documentation are subject to change without notice. The software and documentation may not, in whole or in part, be copied, photocopied or reproduced without written consent from MacAppStuff, although you may make copies of the software for backup purposes only. You may not loan, rent or license the software or the documentation.

## Limited Warranty

MacAppStuff makes no warranties, either express or implied, that the software will meet your requirements, that operation of the software will be uninterrupted or error free, or that all software errors will be corrected. In no event will MacAppStuff or the author be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect in the software or manuals, even if they have been advised of the possibility of such damages.

## Contact

If you have any questions about this product please contact us:

Email: [support@macappstuff.com](mailto:support@macappstuff.com)

Or visit our website:

<http://www.macappstuff.com>