# LimitWhite V1.0 Guide

ToneMaster and 1999

| COLLABORATORS | | | |
|---|---|---|---|
| | *TITLE* :<br><br>LimitWhite V1.0 Guide | | |
| *ACTION* | *NAME* | *DATE* | *SIGNATURE* |
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| REVISION HISTORY | | | |
|---|---|---|---|
| NUMBER | DATE | DESCRIPTION | NAME |
| | | | |

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# Chapter 1

# LimitWhite V1.0 Guide

## 1.1   Welcome to the LimitWhite V1.0 AmigaGuide Docs

```
                                          LimitWhite V1.0
                              by ToneMaster, 1999


                   -------------------------------------------------- ←

                   | A little utility to limit the brightness of white ←
                      |
                   -------------------------------------------------- ←




           DISCLAIMER
        <<< IMPORTANT

         What Is It?

        Requirements

           Usage

        Bug Reports

           About

       Contacting Me
```

## 1.2   This is vital

```
                               DISCLAIMER FOR LIMITWHITE V1.0

THIS SOFTWARE IS PROVIDED "AS IS". NO REPRESENTATIONS OR WARRANTIES ARE MADE WITH  ←
    RESPECT TO THE ACCURACY,
RELIABILITY, PERFORMANCE, CURRENTNESS, OR OPERATION OF THIS SOFTWARE. YOU USE THE  ←
    SOFTWARE AT YOUR OWN RISK. THE
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INJURY OR DEATH, OR ANY OTHER FORM OF DAMAGE RESULTING FROM THE USE OF THIS  ←
    SOFTWARE.

REMEMBER: YOU USE THIS SOFTWARE >>>> AT YOUR OWN RISK <<<<.

## 1.3   Here's the answer to all your problems... probably ;)

                                    What Is LimitWhite?

Some A1200s have motherboard which contain faulty EMC noise suppression circuits.  ←
    This has the effect of making
colours start to flicker, and after a causing crashes, when a screen with maximum  ←
    white (RGB $FFFFFF) is being
displayed.

This program limits the maximum brightness of white to RGB $FEFEFE, a very bright  ←
    grey, thus removing the problem.
This is achieved by patching some OS graphics.library functions, and limiting the  ←
    values passed to them.

If you've never experienced problems of this sort, then you don't need this  ←
    program.

## 1.4   You will need some sticky-back plastic, loo rolls...

                                      Requirements

To use LimitWhite, you will need:

    * A dodgy A1200
    * OS 3.5

I've only tested this program with OS 3.5 because I'm dropping all support for OS  ←
    3.1. It'll probably still work
anyway, but I don't care if it doesn't.

## 1.5   How to use LimitWhite

                                        Usage

Just run LimitWhite somewhere in your startup, and forget about it. You can quit  ←
    the program by signalling it with
Ctrl-C or by removing it with Exchange. Bear in mind this may fail, and the  ←
    patches may stay permanently in
memory. SaferPatches, available on Aminet, reduces the chance of this happening.

## 1.6   Have you found a bug? Let me know...

                                                                        Bugs

Well, being a very busy A-Level student with hardly any spare time on his hands, I ←
    haven't really got time to test
this program thoroughly. All I can say is that it is permanently installed on my  ←
    Amiga, and runs without problem.

If you find a bug, I'd appreciate it if you'd let me know so that I can fix it.  ←
    Mail me at the address specified
in the
                Contact
                page, with the subject "LimitWhite Bug" (or something similar).  ←
                    And before you
do, pop up onto Aminet to check that you're running the latest version of  ←
    LimitWhite.

Thanx guyz!

## 1.7   Technical info on LimitWhitw

                                                                        About

LimitWhite V1.0 was developed using the following tools/programs:

        Storm C 3.0 (cool IDE, shame about the large code)

        GoldED (totally x-cellent)

        Enforcer V37.72 -|
                          |
        MungWall V37.71 -|-- I've been having a few probs lately, and I haven't  ←
            tested the code with these yet.
                          |
        Sushi (etc.)    -|

Don't be put off by the fact that LimitWhite does dodgy graphics.library patches,  ←
    and that I've never done any
patches before now. Or maybe you should... ;)

LimitWhite V1.0 patches the following functions:

    graphics.library/LoadRGB32()
    graphics.library/LoadRGB4()
    graphics.library/SetRGB32()
    graphics.library/SetRGB32CM()
    graphics.library/SetRGB4()
    graphics.library/SetRGB4CM()

## 1.8   You are now online with the ToneMaster. Have a nice stay.

```
                                    Contacting the Author

Hi guyz. The name's ToneMaster, and you can contact me:

BY E-MAIL : tone_20@my-Deja.com

Please bear in mind that I can only check the E-Mail address at my local college ( ←
   I'm not online at home), so
that's about once a week at best. Still, I WILL reply to ALL E-Mail sent, unless I ←
    get totally bogged down with
mail (which is unlikely :( ).

The Amiga setup:

    A1200HD
    OS 3.5 (running Opus Magellan 2 as a WBR)
    810MB IDE 2.5" hard drive
    Viper Mk 5 50MHz 68030 accelerator with 32MB RAM + 50MHz 68882 FPU
    2x Power Computing External SCSI CD-ROM
    Microvitec GPM 1701 17" multiscan monitor
    200W Prima Atom PSU
    Home-built sound mixer (thanx AF) + super sound system

And when my Power Tower gets here, the whole lot goes inside!
```

## 1.9   Oh no! How did you find this hidden page??

```
                                    Hidden Page

Man, you must be either a clever old git or a stupid, clumsy gadget presser.  ←
   Either way, you found your way to the
UNLINKED hidden page!! On this page you will find all sorts of rubbish from deep  ←
   inside my mind. >>>

Let me tell you the titles of all the CDs on my shelf and on my CD-ROM:

    Jazzy Jeff & Fresh Prince Greatest Hits                           <<< ←
       WAHAY!
    Busta Rhymes - The Coming                                        <<< ←
       Cool album.
    Will Smith - Will 2K                                             <<< ←
       I know I'm sad :).
    Will Smith - Miami                                               <<< ←
       Yes, I know :).
    Will Smith - Freakin' It                                         <<< ←
       :))
    Puff Daddy - Satisfy You                                         <<< ←
       Me like rap music
    Notorious B.I.G. - Notorious B.I.G.                              <<< ←
       Me definitely like rap music!
    Chaos Engine                                                     <<< ←
       Still good fun to play.
```

```
    OS 3.5                                                              <<<   ↩
        See, I bought mine :)
    DOpus Plus                                                          <<<   ↩
        Opus Magellan II is gr8!
    AFCDs 34, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50 & 51 <<<   ↩
        Yippee :-)
    Amiga Developer CD V1.2                                             <<<   ↩
        V2.1 will be here soon :-o
    AACDs 1, 2, 3, 4, 5 & 6                                             <<<   ↩
        Can I buy every single one?
```

And so ends the pile of CDs that is my shelf. Bye bye!

Be seeing you...

<ooh, BTW, I've got AF issue 1. :)<></////>