

**GBlankerMod2**

COLLABORATORS
---------------

	TITLE : GBlankerMod2		
ACTION	NAME	DATE	SIGNATURE
WRITTEN BY		December 8, 2024	

REVISION HISTORY
------------------

NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>GBlankerMod2</b>	<b>1</b>
1.1	Garshneblanker modules collection vol.2 . . . . .	1
1.2	Paragraph 1: GBlankerMod2.lha archive . . . . .	1
1.3	Paragraph 2: Installation . . . . .	2
1.4	Paragraph 3: NON-AGA machine owners . . . . .	3
1.5	Paragraph 4: Getting their best . . . . .	3
1.6	Paragraph 5: Bugs report and contributions . . . . .	5
1.7	Paragraph 6: About the author . . . . .	6
1.8	Paragraph 7: Acknowledgements . . . . .	6
1.9	Paragraph 8: Distribution . . . . .	6
1.10	Paragraph 9: Disclaimer . . . . .	7
1.11	Paragraph 10: advertising GBlankerMod1.lha ... . . . .	7
1.12	Waves blanker . . . . .	7
1.13	MostlyDark blanker . . . . .	8

## Chapter 1

# GBlankerMod2

### 1.1 Garshneblanker modules collection vol.2

GarshneBlanker modules collection

-----  
volume II  
-----

version 1.0 (Apr 04 1995)

programs, sources and documentation are  
copyright 1995 Marzio De Biasi  
All Rights Reserved

INDEX

-----

- [1] GBlankerMod2.lha archive
- [2] Installation
- [3] NON-AGA machine owners
- [4] Getting their best
- [5] Bugs report and contributions <--<< please read this paragraph
- [6] About the author
- [7] Acknowledgements
- [8] Distribution
- [9] Disclaimer
- [10] advertising GBlankerMod1.lha ...

### 1.2 Paragraph 1: GBlankerMod2.lha archive

Foolish test:

-----

Do you know what "screen blanker" mean?

~~~~~

|

+--> NO: sorry, you lose!

|

```

+-> YES: Have you already downloaded M. D. Bayne's great Garshneblanker?
| ~~~~~
|
+-----> NO: download it immediately!
|
+-----> YES: Would you like to install two new blankers?
| ~~~~~
|
+-----> NO: drop this archive (SIGH!!)-;
|
+-----> YES: Have you already downloaded GBlankerMod1.lha?
| ~~~~~
|
+-----> YES: install these two new modules and
| enjoy them!
|
+-----> NO: go on reading, install these two
new modules, and if you like'em try
to download GBlankerMod1.lha, too.

```

In this archive you can find two NEW Garshneblanker modules:

- 1) MostlyDark blanker : a TRUE blanker.
- 2) Waves blanker : a blanker based on a wavy pattern.

They have been developed and tested using Garshneblanker version 38.8  
 -----  
 (Release 36.6) and its source code distribution; if you have an older  
 -----  
 version of Garshneblanker they will not work.  
 -----

You can find their source codes in directories:

```

GSource/blankers/Waves/
GSource/blankers/MostlyDark/

```

but, in order to re-compile them, you'll need to get the original  
 Garshneblanker source distribution.

If you want to know more about them, you'll find some technical stuff in  
 files:

```

Docs/Waves.doc
Docs/MostlyDark.doc

```

## 1.3 Paragraph 2: Installation

---

>>> If you have an Amiga equipped with 68020 or higher CPU:

```
copy all files in directory GBlankerMod2/blankers020 to your
-----
Garshneblanker blankers directory.
-----
```

For example, if you've installed Garshneblanker and its modules in  
SYS:WBStartup/, you can enter this from CLI:

```
CLI> copy GBlankerMod2/blankers020/#? SYS:WBStartup/blankers/
```

>>> If you have an Amiga equipped with 68000 CPU:

```
copy all files in directory GBlankerMod2/blankers to your
-----
Garshneblanker blankers directory.
-----
```

For example, if you've installed Garshneblanker and its modules in  
SYS:WBStartup/, you can enter this from CLI:

```
CLI> copy GBlankerMod2/blankers/#? SYS:WBStartup/blankers/
```

## 1.4 Paragraph 3: NON-AGA machine owners

If your Amiga ISN'T equipped with the AGA chipset, you must change the blankers' default preferences, in order to make 'em work properly.

If you're using a High-Res WB, the blankers will not work (or they will not work properly), indeed they will try to open a 32 colors high-res screen. In order to fix this problem, you must change the setting of both blankers (entering their Prefs window): you can select LowRes Resolution or reduce the number of colors they use (Depth).

NOTE: after you've changed the prefs, don't forget to save'em  
(simply click on Save button :-)

See also Getting their best paragraph.

## 1.5 Paragraph 4: Getting their best

The blankers' default preferences are made for my

---

double-pal-high-res-no-flicker WB screen and they look good TO ME;  
 you can take'em as they are but I advise you to spent a few minutes  
 -----  
 "playing" with their preferences until you find YOUR best configuration.  
 -----

Here I suggest you some good settings:

Waves blanker  
 -----

|              |                  |
|--------------|------------------|
| AGA machines | NON-AGA machines |
| ~~~~~        | ~~~~~            |

1)

|                    |                |
|--------------------|----------------|
| SPOTS=3            | SPOTS=3        |
| WAVE LENGHT=50     | WAVE LENGHT=50 |
| SIZE=4             | SIZE=2         |
| DELAY=15           | DELAY=15       |
| COLORS=32          | COLORS=32      |
| RES.=HIRES NOFLICK | RES=LOWRES     |

NOTE: the default settings

2)

|                    |                |
|--------------------|----------------|
| SPOTS=5            | SPOTS=5        |
| WAVE LENGHT=10     | WAVE LENGHT=10 |
| SIZE=4             | SIZE=2         |
| DELAY=10           | DELAY=15       |
| COLORS=64          | COLORS=32      |
| RES.=HIRES NOFLICK | RES=LOWRES     |

NOTE: a very complex wave pettern

3)

|                 |                 |
|-----------------|-----------------|
| SPOTS=3         | SPOTS=3         |
| WAVE LENGHT=100 | WAVE LENGHT=100 |
| SIZE=1          | SIZE=1          |
| DELAY=5         | DELAY=10        |
| COLORS=256      | COLORS=32       |
| RES.=LORES      | RES=LOWRES      |

NOTE: if you don't need a quick wave pattern :-)

4)

|                |                |
|----------------|----------------|
| SPOTS=5        | SPOTS=5        |
| WAVE LENGHT=20 | WAVE LENGHT=15 |
| SIZE=1         | SIZE=1         |
| DELAY=5        | DELAY=10       |
| COLORS=256     | COLORS=32      |
| RES.=LORES     | RES=LOWRES     |

NOTE: GREAT but slow!

MostlyDark blanker

-----

|              |                  |
|--------------|------------------|
| AGA machines | NON-AGA machines |
| ~~~~~        | ~~~~~            |

1)

|             |             |
|-------------|-------------|
| DENSITY=7   | DENSITY=7   |
| DELAY=2     | DELAY=2     |
| COLORS=32   | COLORS=32   |
| RES.=LOWRES | RES.=LOWRES |

NOTE: the MostlyDark essence ...

2)

|             |             |
|-------------|-------------|
| DENSITY=8   | DENSITY=8   |
| DELAY=7     | DELAY=8     |
| COLORS=64   | COLORS=32   |
| RES.=LOWRES | RES.=LOWRES |

NOTE: they seem stationary, but ...

3)

|              |                       |
|--------------|-----------------------|
| DENSITY=2    | DENSITY=2             |
| DELAY=4      | DELAY=4               |
| COLORS=16    | COLORS=16             |
| RES.=HIGHRES | NOFLICK. RES.=HIGHRES |

NOTE: very few pixels

Try 'em!

## 1.6 Paragraph 5: Bugs report and contributions

The blankers have been developed and tested on an Amiga 4000/030 + 68882, and they all seem to work right.

IF YOU ENCOUNTER SOME PROBLEMS INSTALLING THEM, FIND OUT SOME BUGS OR HAVE  
 -----  
 SOME SUGGESTIONS (ABOUT THEM OR ABOUT NEW BLANKERS YOU WOULD LIKE TO HAVE)  
 -----  
 PLEASE CONTACT ME!!!!  
 -----



```

+-----+
|
| IF YOU INSTALL THEM AND LIKE THEM (OR HATE THEM) PLEASE SEND ME AN
|-----|
| E-MAIL: REALIZING THAT SOMEONE USE MY MODULES, WILL BOOST MY
|-----|
| BLANKERS-PRODUCTION !!! :-)
|-----|
|
+-----+

```

## 1.7 Paragraph 6: About the author

If you want to contact me:

```

-----
De Biasi Marzio
via Borgo Simoi, 34
31029 Vittorio Veneto (TV)
Italy      E-Mail: debiasi@dimi.uniud.it
-----

```

## 1.8 Paragraph 7: Acknowledgements

THANKS TO Micheal D. Bayne FOR HIS GREAT BLANKER.

and to Martin Huttenloher for his beautiful MagicWB icons.

... and thanks to all "GBlankerMod1" fans 8-).

## 1.9 Paragraph 8: Distribution

"Garshneblanker Modules Collection Volume I" package is FREeware.  
 You may freely distribute it as long as all of its files are included  
 in their original form without additions, deletions, or modifications,  
 and only a nominal fee is charged for its distribution. It cannot be  
 distributed as a part of commercial product without author's written  
 permission.

\* This program may be included in freeware collections, providing that the  
 previous conditions are respected.

\* TO SOFTWARE REVIEWS: if you include this program in one of your disks, please send me a copy of the review, thanks :-)

## 1.10 Paragraph 9: Disclaimer

No responsibility or liability will be accepted for any damage that may appear to have resulted from use of this program. All use is at your own risk. The software is provided "as is" without any warranty implied or otherwise to the fitness or accuracy of the software and documentation. The author reserves the right to update the software and/or documentation without notice.

## 1.11 Paragraph 10: advertising GBlankerMod1.lha ...

You haven't downloaded it yet ... download it now!  
GBlankerMod1.lha archive contains three new blankers for the great Garshneblanker:

- 1) CrazyAnt blanker : a blanker based on a 2D Turing machine.
- 2) Scrawls blanker : a blanker based on iterated function systems (IFS).
- 3) Demons blanker : a blanker based on a cellular automata.

You can find it on Aminet (util/blank directory :-).

## 1.12 Waves blanker

GarshneBlanker modules collection

-----  
volume II  
-----

version 1.0 (Apr 04 1995)

programs, sources and documentation are  
copyright 1995 Marzio De Biasi  
All Rights Reserved

Waves blanker

---

\*\*\*\*\*  
 v1.0  
 technical information

#### Description

-----

This blanker makes a wavy pattern on the screen then starts cycling the colors.

In the wavy pattern, the color of each pixel is determined by the sum of the sine of the distance between the pixel and one of the starting spots.

#### Garshneblanker preference window

-----

You can set the following parameters:

Spots : the number of starting spots. You can think of them as the  
 ----- "number of stones that will be thrown into your monitor";  
 if you "throw" a lot of stones the wavy pattern will be  
 very complex; if you "throw" only one stone the wavy  
 pattern will be made of concentric circumferences.

Wave lenght : distance between the crests of two adjacent waves.

-----

Size : size of the pixels used for the wavy pattern; if you choose  
 ---- a true pixel (size=1), the generation of the wavy pattern  
 will be very slow. You can get good results even with  
 5x5 pixels.

Delay : cycling speed; lower values correspond to a faster cycle.

-----

#### Algorithm description

-----

Sorry, no algorithm description (due to lack of time )-:

If you want to know more about the algorithm, take a look to the source code.

## 1.13 MostlyDark blanker

GarshneBlanker modules collection

-----

volume II

-----

version 1.0 (Apr 04 1995)

programs, sources and documentation are  
copyright 1995 Marzio De Biasi  
All Rights Reserved

MostlyDark blanker  
\*\*\*\*\*  
v1.0  
technical information

#### Description

-----

This blanker "softly" flashes some white pixels on a dark screen;  
consequently, your monitor looks like a very relaxing starfield.

#### Garshneblanker preference window

-----

You can set the following parameters:

Density : the density of pixels that will appear on the screen.

-----

Delay : controls the the flashing speed of the pixels; lower  
----- values of delay correspond to a faster flashing.

#### Algorithm description

-----

No algorithm description for such a simple algorithm ;-)