Disk Busy

COLLABORATORS			
	TITLE : Disk Busy		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		May 28, 2025	

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

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Disk Busy

1.1 Disk Busy 0.9

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DISK BUSY 0.9              8th of April, 1998                ABOUT

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Disk Busy's purpose is to provide a "software LED" for Amiga's internal floppy disk drive. It is displayed in a small window on the default public screen (normally Workbench). I guess you could call it a hack.
I wrote it because I've put my A1200 into a tower case and A1200's disk drive doesn't have its own LED.

It uses very little memory, and you should be able to run it with any Amiga with OS 2.0 or newer. It works also with UAE. :)

Disk Busy is Freeware. This means that you may use and distribute it (with this document, please) as much as you like. However, you should keep in mind that I am the author of it.

I'll release Disk Busy 1.0 if I ever bother to turn it into a commodity and add support for tooltypes.

1.2 Disk Busy 0.9

```
DISK BUSY 0.9              8th of April, 1998                USAGE

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Currently you can run Disk Busy from command line only. Its arguments are explained here (all are optional and can be used with or without the others):

```
POSITIONX = PX        The  horizontal  position of  the window.  The
                      default value is 1.

POSITIONY = PY        The  vertical  position  of  the  window.  The
                      default value is 1.

SIZEX    = SX         The width of the window.  The default value is
                      the height of the screen's titlebar.

SIZEY    = SY         The height of the window. The default value is
                      the height of the screen's titlebar minus two.

NORMALPEN = NP        The number of colour in the screen's colourmap
                      to be  used in "light"  when the drive  IS NOT
                      busy. The default value is 0 (background pen).

BUSYPEN  = BP         The number of colour in the screen's colourmap
                      to be used in "light" when  the drive IS busy.
                      The default value is 3 (fill pen).
```

You can quit Disk Busy by pressing ESC while its window is active.

If you put Disk Busy in your Startup-Sequence, you should insert it after the IPrefs command (just before LoadWB is a good place). Remember to 'Run' it, since it doesn't return to CLI until it quits.

1.3 Disk Busy 0.9

```
DISK BUSY 0.9             8th of April, 1998                 TECHNICAL

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Disk Busy gets the status of the disk drive by checking a bit of a custom hardware register:

```
  Register:       ADKCONR
  Address:        DFF010 (hex)
  Type:           Read
  Chip:           Paula
  Description:    Audio, Disk, Uart, Control read

  Bit:            WORDSYNC
  Number:         10
  Description:    Enables disk read synchronizing on a word equal to
                  DISK SYNC CODE, Located in address DSKSYNC (7E).
```

When the disk drive isn't busy, Disk Busy waits until the bit gets
set. After this it waits until the bit is not set for 0.5 seconds in
a row, and only after that returns the light to its normal state.
Due to this, the light is usually on for a bit longer period than
the actual disk access takes.

1.4 Disk Busy 0.9

```
DISK BUSY 0.9             8th of April, 1998                   AUTHOR

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```