documentation

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Chapter 1

documentation

1.1 Monitorfiles MICROVITEC 1440, Super72, SuperHighRes

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Multisync monitors only!

The archive <mv1440sup72> is freeware, but any distribution of
the archive must include this information file.

User should send me a postcard. It is the only way to get knowledge
about the files behaviour on computers with another configuration.



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1.2 Introduction

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If you can't understand this script, remember I wrote my last
english technical documentation in the middle of the last century.
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My published monitorfiles <microvit1440> are now updated
in <mv1440sup72> and you can use now Super72 (mode SuperHighRes)
with a resolution of 840x1024.

I beleave Super72 is one of the best modes, because it fills the
whole screen even in standard preferences.
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Nevertheless I was dissatisfied with the Super72-resolution in
<microvit1440> because the monitorlines are visible too much.

So I tried to change the limits of the overscan-setting-program
and with a little help of the program MonED by Raul A. Sobon I
reduced the difference between the lines by changing the TOTROWS
in the tool-types.

It took a long time and cost a lot of brain manually change bytes in
overscan.prefs, HEX of course, that you can find now a resolution of
840x1024 in the screenmode-window.

Of course 1024 pixel are too long for the monitor, so I set a height
of 360 in the screenmode-setting-program and saved this setting.

The height of 360 is still too long for the monitor. Now comes MonED
and I changed TOTROWS until the bottom of the window became visible.

This setting of course reduced the difference between the lines,
that's what I want. The monitor now works with a vertical frequence of
62 Hz and 24.738 kHz horizontal.

You can of course set other settings of the height, e.g. 375, and with
MonEd's TOTROWS-setting a much smaller difference between the lines, but
I don't know the technical limits of the monitor and he could answer with
a final crash if you walk beyond this limits.

Furthermore the monitor begins to flicker in Super72-SuperHighRes-Mode at
56 Hz und 24.900 kHz.

Therefore please read the next chapter very carefully.

1.3   Warnings

All use is at your own risk. The author doesn't assume any
responsibility or liability whatsoever with respect to your use of
the files and ducumentation.

When vou have installed the monitorfiles nevermore use the overscan setting-
program in your prefs-directory because this will overwrite the patched
overscan.prefs.

If it still happened you must renew the patched overscan.prefs from this
archive.

Use the files only for monitors with multiscan-ability (multiscan-
monitors).

Remember the files were only tested with MICROVITEC C 1440.

Using the files for other multiscan monitors, switch off your monitor
at once, when you see unclear results on screen.

Don't change tool-types manually without understanding the functions.

Only use an appropriate tool to change the tool-types. e.g. MonED.
You can find MonED on aminet-cd 4 or aminet-cd set 1 disk b.

1.4   Installation

Owners of OS 2.04 or better you can use the install program.
Your old monitor settings will be saved.
But first read the informations you'll find in the install directory.

Otherwise:

Copy the following WB-files into a new harddisc-directory or on a
floppy disc to save the original files, before you start install
the mv1440sup72-files:

*   storage/monitors
*   devs/monitors
*   overscan.prefs (usually in prefs/env-archive/sys)
*   sceenmode.prefs   (usually in prefs/env-archive/sys)

Furthermore it is very useful to save the whole archive <mv1440sup72>
on a floppy disc, because the patched overscan.prefs will be overwritten
if you use the overscan-setting-program accidentally.

Installation:

The files in the directory monitors of <mv1440sup72> are only the icons
with their tool-types for the monitorprograms, which are usually in
storage/monitors of your WB.

Move all this programs (without A2024 and Euro36) from storage/monitors
to devs/monitors of your WB.

Change now the original icons by the new icons from the directory monitors
of <mv1440sup72>.

Then change overscan.prefs and screenmode.prefs in your WB-directory
prefs/env-archive/sys by the samecalled files in the directory sys of
<mv1440sup72>.

Reboot your Amiga to enable the monitor tool-types, screenmode.prefs
and the patched overscan.prefs. It is very useful to new adjust and fix
all windowsizes and their positions.

All your programs with an own screenmode-requester should also been
adjusted to the new mode.

Use the control knobs on the front of your Microvitec to adjust the
height and the position of the image. Adjust the screen brightness and
contrast, too.

You can turn down the knob for the height of the image to his left end
to reduce the difference between monitorlines.

For all your programs with no own screenmode-requester use a program that
patches OpenScreen and OpenScreenTagList of the intuition library, e.g.
ScreenPatch by Christian Friedel, Hannover. It opens a screen in a
selected mode.

You can find ScreenPatch on Aminet cd 5 misc/amag AM9410_2.lha or the
german Amiga-Magazin-CD 10/95.

1.5   Thanks

Thanks to....

.... Prof.Dr. Norbert Vennemann, Osnabrück and his son Daniel for
     testing all my programs.

     Without their helpful tips and tricks I don't know anything about
     computers.

.... Raul A. Sobon for his program MonED.

.... Christian Friedel for his program ScreenPatch.

And something more.....
.... Every day I have an Amiga 1200 Tower and such a PC 486 infront
     of my nose....
.... Amiga is a phantastic machine!