

MINIMAID INSTRUCTION MANUAL:

1 of 4: 15khz/CGA Graphics as well as EGA/VGA

What you need:

Minimaid

VGA Cable

Computer

Soft15khz

Custom15khz.txt

Quickres

Special Note: As far as I can tell soft 15khz supports Windows 2000 and Windows XP.

Second Special Note: I recommend doing ALL OF YOUR TESTING BEFORE INSTALLING SOFT15KHZ. THIS IF POSSIBLE SHOULD BE THE LAST THING YOU DO. FOLLOW ALL OF THE OTHER GUIDES FOR SETUP FOR SOFTWARE AND HARDWARE, TESTING, ETC WITH A MONITOR NEXT TO YOUR ARCADE AND THEN WHEN YOU ARE SATISFIED RUN THE SOFT15KHZ PROGRAM TO SWITCH YOUR GRAPHICS OVER TO YOUR ARCADE MACHINE.

For those of you who already run Soft15khz due to having a JPAC or other device, you will need to do step one. For everyone else, please proceed to step two.

STEP ONE: Testing of Previous Soft15khz Installation

Attach the JAMMA connector to the minimaid JAMMA Edge, the lights and other connectors for the machine you are using to the proper pins (refer to Manuals 2, 3 or 4 for light connections) and then hook up the VGA cable to the monitor port on the minimaid and the USB cable to the minimaid usb port.

Hook the other end of the VGA cable to your computer's monitor port and the other end of the usb to a usb slot on your computer. Double Check all of your connections.

DIP SETTINGS:

Note, part of the guide assumes you have installed 15khz and that is all your monitor can run.

Switch DIP 4 On and DIP 5 and 6 OFF. For further Dipswitch settings refer down in the manual. Boot your machine and see if it runs. If it does, congrats! You do not need to do anything further except for monitor adjustments. If it does not reinstall your graphics card drivers to get rid of the soft15khz settings as well as catalyst or the nvidia setup.

To easily uninstall, hook your computer up to a regular computer monitor and upon bootup hit f8 about twice a second until a menu appears. Click the option ENABLE VGA GRAPHICS and from there you should be able to reinstall your drivers and programs.

STEP TWO: Installation of Soft15khz. Note, you need to have Catylst or the NVidia program for soft15 to work correctly.

First open and run Quickres. Select 640x480 32bit. Your computer screen will now be running in 640x480.

Second, Open the MONITOR folder in the Minimaïd Care Package. Inside is Build 51 (of the writing of this document) which is a newer build than you have used if you have used Soft15khz in the past. Please use this version of Soft15khz for the installation.

SPECIAL NOTE: THERE IS A CUSTOM15KHZ.TXT FILE LOCATED IN THE MONITOR FOLDER. THIS FILE NEEDS TO BE ON THE SAME FOLDER LEVEL AS THE SOFT15KHZ PROGRAM. SOFT15KHZ IS ALREADY UNPACKED AND IS ON THE SAME FOLDER LEVEL AS THAT FILE. THIS WILL INSTALL THE CUSTOM MODELINE USED FOR THE MINIMAID DEVICE.

Open the already unpacked soft15khz file and Click install 15khz, close the program, shut down your computer.

STEP THREE: MINIMAID ASSEMBLY

(please refer to the other manuals for pictures)

Attach the JAMMA connector to the minimaïd JAMMA Edge, the lights and other connectors for the machine you are using to the proper pins and then hook up the VGA cable to the monitor port on the minimaïd and the USB cable to the minimaïd usb port. Hook the other end of the VGA cable to your computer's monitor port and the other end of the usb to a usb slot on your computer. Double Check all of your connections.

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Switch DIP 4 ON and DIP 5 and 6 OFF. For further Dipswitch settings refer down in the manual.

STEP FOUR: FIRST BOOTING AND MONITOR ADJUSTMENTS

Special Note: Until you get used to it, it may seem like a long time before your computer properly boots as you will have no screen to see it go through each stage. The Minimaïd device specifically blocks out any signals that are not 15khz so you wont see anything until it is practically at the desktop. Be sure to have your sound hooked up so that you can hear if it properly boots and you still don't hear anything.

Note: The Minimaïd device has been tested with several monitors, including the model most commonly found in Japanese DDR and other Bemani cabinets, but compatibility with your system may vary.

Possible predicted problems:

Two ports on your graphics card (DVI and VGA): If you are experiencing a problem seeing your installation of soft15khz it could be that you need to use the other graphics port. There is a dominant port (usually DVI over VGA) on cards that have two ports. This may require you to get a DVI to VGA adapter.

Rolling/no picture showing up – I don't think this will happen. It's more common using a JPAC with less sophisticated monitors. If your monitor rolls or a picture doesn't show up at all, adjust the Vertical Hold knob. Take special note as to where it starts so that you can return to your previous settings if you do not have successful results

Too bright/too dim – Adjust the brightness/contrast knobs.

Picture needs to be resized – Adjust the Vertical and Horizontal Position and Stretch knobs. Included is a set of Test Grids for you to use on your arcade machine.

DIP SWITCH SETTINGS

Note: This part of the guide is for EXPERIENCED AND KNOWLEDGED USERS. Most people will have DIP 4 ON and DIP 5 OFF, and 6 OFF as having other resolutions on your monitor CAN BE HARMFUL.

Resolution	Pass	Block -----
CGA (15kHz)	DIP 4 ON	DIP 4 OFF
EGA (25kHz)	DIP 5 ON	DIP 5 OFF
VGA (31kHz)	DIP 6 ON	DIP 6 OFF
Free Range	DIP 4, 5, 6 ON	
Block All	DIP 4, 5, 6 OFF	

You can turn ON any variation of these dipswitches to enable those resolutions to run to your arcade monitor. If any of the dipswitches are OFF it will not allow that resolution to pass through.

This should be all the information you need to successfully run Soft15. Please refer to the forum post from where you made your purchase if you have any questions.