

Click Here Software
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geoFAX

by Maurice Randall

GEOFAX FOR THE FIRST TIME

Getting up and running with geoFAX is as easy as any program can be. The first thing that you DO NOT want to do is use your original disk. Make a backup copy of the entire disk first. There are many utilities available for doing this. The disk is not copy protected and will copy quite nicely with any whole disk copier. If you want to file copy each file individually, do not use a file copier outside of GEOS, unless you know that it was specifically written to handle GEOS files. You can use a whole disk copier outside of GEOS though. Or you can use the whole disk copy function available from the Desktop or the 'dcopy' command in geoSHELL if you have two drives. Outside of GEOS, the recommended choice is CMD's own 'MCPY'.

From within GEOS, you can filecopy the files you need using the Desktop or geoSHELL's fcopy command. The only files you will need are geoFAX and a printer driver if you wish to print out any faxes that you should receive. Filecopying instead of disk copying also allows you to install geoFAX onto another type of disk format or to your ramdisk.

Once you have a backup copy of your disk, you are ready to install it for the first time. The FCC requires that all faxes that are sent to another machine must include your name and the phone number that you are using for sending the fax. geoFAX will not allow you to use the program until you have entered your name and phone number into it. The first time you run geoFAX, it will

prompt you for your name and phone number. Just follow the on-screen instructions.

HARDWARE REQUIREMENTS

geoFAX requires at least two pieces of specialized, yet readily available hardware. You need a Hayes compatible Fax/Modem that is capable of handling Group 3 faxes with Class 2 or Class 2.0 fax commands. It is also recommended that the modem have at least 16K of it's own internal ram that it can use to help buffer the incoming and outgoing data. Any amount of ram less than this may not work with geoFAX. A modem capable of at least 9600 bps is preferred. In addition to the modem, geoFAX requires that you use a CMD Turbo232 or SwiftLink cartridge to interface to the modem. Any other RS-232 interface will not work with geoFAX. When geoFAX starts up, it will check to make sure that you have a compatible Fax/Modem with a Turbo232/SwiftLink cartridge connected.

Naturally, you need a phone line also in order to be able to send and receive faxes. The line need not be dedicated to geoFAX. For sending faxes, the same line you use for your voice calls may be used to send/receive faxes. For receiving faxes, you can either monitor the incoming call with your phone's handset and then manually operate geoFAX, or if you know when the fax call will be coming in, you can have geoFAX auto-answer the call for you. For a dedicated phone line to use with geoFAX, the auto-answer

mode may be used all of the time. There are also devices available that can be connected between your modem and the phone line to detect if the incoming call is a voice or fax call. If the call is a fax, the device will direct the call to your modem.

geoFAX can even be used without a phone line. You could connect a real facsimile machine to your Fax/Modem with a telephone cord and use both geoFAX and the facsimile machine manually. This method would allow you to use the facsimile machine as a digitizer for importing documents into GeoPaint. With some older fax machines, this method might require some additional hardware to fool the machine into thinking that it is connected to a phone line. Most modems will function without the extra hardware and may be connected directly to each other.

A fax machine is not complete without being able to print the fax documents. A printer is a top priority item here. In fact, the more resolution the printer has, the better the output will look. A geoFAX document uses a resolution of 204 x 196 dpi and in order to be printed, it is required that your printer be capable of at least this resolution. As long as you have at least an 8/9-pin printer that can print with 240 dpi horizontally and 216 dpi vertically, then you will not lose any resolution from the actual fax document during the printing. A 24-pin printer with 360x360 dpi capability will produce an even better output. If your printer has a lower resolution than this, you will have to convert your faxes to the GeoPaint format prior to printing. A GeoPaint document has a resolution of 80 x 72 dpi and may be printed on most any type of printer using your standard GEOS printer drivers.

SOFTWARE REQUIREMENTS

You already own the main piece of software that you will need to operate geoFAX, that being geoFAX itself.

GEOS 64 or GEOS 128 (V2.0 or higher) is required in order to use geoFAX. With GEOS 128, geoFAX will operate in the 40 column mode. If you start it from 80 column mode, it will prompt you to switch your monitor and when you exit geoFAX, you will also be allowed to return to 80 column mode.

You should already have a printer driver that you normally use

with GEOS and your printer. That driver will be used whenever you print a GeoPaint document. For printing a geoFAX document, there are special drivers supplied with geoFAX that will handle that task for you. If none of the supplied drivers seem to work with your printer, contact the author with the details of your printer.

USER REQUIREMENTS

The only other thing that is needed to operate geoFAX is 'you'. And sometimes it will work even without you.

Start by double-clicking on the geoFAX icon from the Desktop, or from geoSHELL, you can enter 'run geoFAX'. geoFAX will load and you will immediately be presented with a simulated fax machine on the screen. If you have your Turbo232 or SwiftLink cartridge and a compatible Fax/Modem connected, you are now ready to send and receive faxes.

COMPLETE DOCUMENTATION

The full manual can be found on the original disk that is supplied with geoFAX. It is in GeoWrite format and ready for printing. The screen font that is used throughout the manual is CourierNLQ and can take the place of the Commodore font which will allow you to use GeoWrite to print in NLQ mode using your printer's own internal font. This will allow you to print the full manual out much faster. The CourierNLQ font can be found on side 2. Also be sure to read the file on side 2 called 'Read This First'. It has instructions on how to create your manual.

I hope that you thoroughly enjoy the software that I have created for you. I am very proud of the way this program turned out and hope that you get a great deal of use out of it.

*Many thanks,
Maurice Randall*

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P.O. Box 606
426 Sumpter St.
Charlotte MI 48813

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The FCC requires that all facsimile documents that are transmitted over the telephone lines be accompanied by the sender's or sending company's name and telephone number at the top or bottom margin of the document.

geoFAX is produced entirely in the United States of America