

## Notes on the Enhanced Density Super Archiver 3.03

Computer Software Services is proud to be the first to offer a back up program for "enhanced", or "1050" density disks. Recently, software houses have begun to use enhanced density for their program disks. This density offers 44% more space per disk side, so more complex programs may be implemented.

Enhanced density also offers more protection against illegal copies of the program being circulated, for two reasons. There was no way to copy disks in this density, and it was hard to even find a sector copier that would work correctly in enhanced density.

The enhanced density 3.03 Super Archiver contains similar features as its brother, the single density version. If you have any questions concerning its operation, consult the documentation on your original Super Archiver disk. One thing you will notice is there are more sectors on a track (26 on a standard track!), so you'll need to use the two-page operation-of the Editor, Formatter, and Mapper.

After using the Enhanced Density Super Archiver program, turn your drive off for about a second, then turn it back on. Since this software will program your drive, turning the drive off and on will reset it.

The Phantom Sector Maker program has also been updated to work in enhanced density, as well as single (it will switch automatically). Enhanced density gives you 1040 sectors of 128 bytes each.

If you ever have a problem booting a protected program in enhanced density boot your Super Archiver master disk, and select #3, the Phantom sector Maker. After this program loads, insert your program disk to load, turn your computer off, wait a few seconds, and turn it on (with OPTION held if necessary on XL b XE machines). The Phantom Sector Maker program, when booted, finds any possible incompatibilities in the drive that do not respond properly to protection in enhanced density.

If you attempt to read a single density disk with this program, it will act as if the disk was unformatted. Reading a true double density disk will show you 18 sectors with a "U" under them, denoting double density. Remember this program was written for enhanced density only, so only the first 128 bytes of those sectors will be copied.

That's it! We hope you enjoy the power this program offers. If you have any further questions, please do not hesitate to call.

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