SCXM

SECTOR COPIER

NEWELL INDUSTRIES
SCXM SECTOR COPIER

This program was designed for use with Atari 130XE, and 256K 800XLs with the Newell Industries 256KXL ram upgrade. It should not be used with other computers unless they support this bank switching method. This program supports both single and double density disk drives up to 2880 sectors per disk. Copies a full disk in just one pass. Make multiple copies while reading the source disk once.

PROMPTS

HOW MANY COPIES?
SOURCE DRIVE?
DESTINATION DRIVE?
VERIFY WRITES (Y or N)
FORMAT (Y or N)?
INSERT SOURCE DISK, PUSH START
INSERT DESTINATION DISK, PUSH START

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PROGRAM AND MANUAL CONTENTS COPYRIGHT 1985 NEWELL INDUSTRIES

GENERAL

This program was designed to be used with the Atari 130XE and 256K 800XLS with the Newell 256K upgrade. It should not be used with any other computer unless it is verified that it uses the same bank switching methods.

GETTING STARTED

Turn on disk drive(s) and insert program disk in drive 1. If you are going to copy 80 track or double sided diskettes, your disk drives must be configured prior to inserting the program diskette. The program diskette will load on any 5 & 1/4 inch drive, 40 or 80 track, single or double sided.

Remove and cartridge from computer and turn it on. After about 5 seconds you should see the title and first prompt. If not, press SYSTEM RESET.

HOW MANY COPIES?

Enter how many copies you want (1-99) and, if needed, the special characters to pass information to the program.

SPECIAL CHARACTERS

A "D" entered after the number of copies (exp. 25D) indicates that the diskette you are going to copy is a double density diskette.

A "Q" indicates that you want to copy 1440 sectors per diskette. (exp. 25DQ) This could be a 40 track double sided, 80 track single sided, or 80 track double sided diskette that you only want to copy the first 1440 sectors. Remember that the format option will format the new diskette to the configuration of the drive.

An "O" indicates that the diskette you are going to copy has 2880 sectors. (exp. 25DO) This would be an 80 track double sided diskette.

An "H" indicates that you just want to copy the first portion of the diskette, including the directory (369 sectors). (exp. 25H) This example would copy the first 369 sectors of any single density diskette.

NOTE: The last character entered will be the one used by the program. (exp. 1DHQ translates to 1DQ, 99QOHD translates to99HD) A "Return" without a specified number of copies will be interpreted as 153. (exp. H translates to 153H) "Return" must be after entry. (exp. 1H"Return")
SOURCE DRIVE?

Enter the drive number where you will put the diskette to be copied. (1-4) Do not press "Return". Drive density is automatically set on source disk.

DESTINATION DRIVE?

Enter the drive number that you will use to write the copies to. (1-4) Do not press "Return". Drive density must match source diskette. Using the same drive for source and destination will insure that the density matches.

VERIFY WRITES (Y OR N)

Press "Y" if you want to write with verify. This takes about 3 times longer to copy a diskette and is normally not used unless you have some very important diskettes to back up.

FORMAT (Y or N)?

Press "Y" if you want the destination diskette formatted automatically with every copy. Otherwise press "N". Do not press "Return".

INSERT SOURCE DISK, PUSH START
Follow this prompt to read your source diskette.

INSERT DESTINATION DISK, PUSH START
Follow this prompt to write your copies.

MULTIPLE PASS COPIES

If you are copying diskettes that have a larger capacity than the computers available memory, it will require multiple passes to copy the diskette. This is done by reading each portion of the source diskette, and then writing that portion to the number of copies entered before reading the next portion.

DRIVE DENSITY

Drive 1 is set to single density during boot up. All others will remain at default until they are selected as the source drive and a read operation has occurred.

UNREADABLE SECTORS

If unreadable sectors are encountered, the program will continue to the next sector until the end sector is reached. This program is not intended to copy copy protected diskettes. Be aware that it is illegal to copy copyrighted software for any purpose other than backup.