PART NAMES

- 3.5 inch floppy disc drive unit
- 3.5 inch floppy disc

TRACK 1
TRACK 18
TRACK 35
CENTER HOLE
INDEX HOLE
BLOCKS OF DATA

Low Battery Alarm Lamp
Power On/Off Switch   Access Lamp   Eject Button
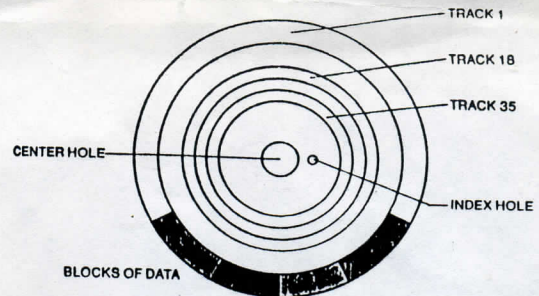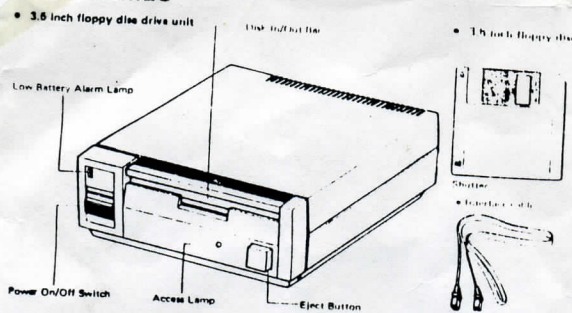
The floppy disk has 40 tracks. Each track stores your design – *DATA* – in the random access memory – *"RAM."* It is called that because the computer can go at random to any part of the memory to get the data it needs.

In order to store data on a disk you must *FORMAT* the disk:
        Turn machine and disk drive on.
        The ready light will be on.
        Touch the *CE* key to clear.
        ENTER 550.
        Touch *STEP* key.
        This takes about 1 1/2 minutes and will beep when finished.

After programing your design on the machine you are ready to *SAVE* the data onto a disk.
        Turn machine and disk drive on.
        The ready light will be on.
        Touch *CE* key.
        ENTER 552.
        Touch *STEP* key.
        A number will appear in the window. This is the track number your design will be stored on. *WRITE IT DOWN.*
        Touch *STEP* key.
        All lights will go out.
        When the data has been stored, you will hear a beep.
        The numbers in the window will be assigned in numerical order.

To *LOAD* data from disk to machine both machine and disk drive must be on.
        The ready light will be on.
        Touch *CE* key.
        ENTER 551.
        Touch *STEP* key.
        Both ready and pattern number lights will be on.
        The computer is asking you what track to load into the machine.
        Loading a track will *DELETE* any track already in the computer.
        ENTER the track number to be loaded.
        Touch *STEP* key.
        All lights will go off.
        When the pattern has been loaded, you will hear a beep.

To *DELETE* data both machine and disk drive must be on.
        Ready light is on.
        Touch *CE* key.
        ENTER 553.
        Touch *STEP* key.
        All lights will go off.
        When deletion has be compleated, you will hear a beep.

ERROR MESSAGES:

1. The floppy disk drive power switch is not on.
2. Floppy disk is not working correctly.
3. The disk is not inserted into the unit.
4. The disk is write protected.
5. You are trying to use a disk that has not been formatted.
6. Pattern data is not saved on the track number you programed.
7. The programed track has a flaw.
8. There is no space left on the disk to save the pattern data.
9. You cannot format a disk because it is defective.

TO ENTER YOUR OWN PATTERN

    1 - Press INPUT
    2 - Write down assigned pattern number
    3 - Press STEP
    4 - Key in stitch width of your pattern
    5 - Press STEP, Press CE
    6 - Key in row length of your pattern
    7 - Press STEP
    8 - Enter a row of your pattern with Black and White keys.
    9 - Press UP ARROW
   10 - Repeats items 9 and 10 until entire pattern entered.
   11 - Press INPUT
   12 - Program pattern for use by number as usual.

CHECK YOUR PATTERN INPUT WITH DATA LIGHTS

    1 - Press CHECK, verify pattern number
    2 - Press STEP, verify stitch count
    3 - Press STEP, verify row count
    4 - Press STEP, verify pattern a row at a time.
    5 - Make corrections as necessary during check.
    6 - Press CHECK when finished.

CHECK YOUR PATTERN INPUT WITH THE BUZZER KEY

    1 - Press CHECK, verify pattern number
    2 - Press STEP, verify stitch count
    3 - Press STEP, verify row count
    4 - Press STEP, verify pattern a row at a time.
    5 - Press BUZZER key
            (a) For Black entries you will hear two Peeps
            (b) For White entries you will hear one long Peep
    6 - Press UP ARROW to repeat check each row
    7 - Press CHECK when finished.

TO DELETE A PATTERN FROM MEMORY

    1 - Press INPUT
    2 - Press CE
    3 - Key in pattern number to be deleted
    4 - Press C key
    5 - Press INPUT

TO DELETE ENTIRE MEMORY

    1 - Press CE
    2 - Enter 888
    3 - Press STEP
    4 - Turn machine off
    5 - Turn machine on, memory is empty.
    6 - To check if empty, press INPUT, # 901 shows in window

DISK DRIVE QUICK LISTS

TO FORMAT A DISK

    1 - Press CE
    2 - Key in 550
    3 - Press STEP
    4 - Machine will signal when Formatting completed.

TO SAVE FROM MACHINE TO DISK

    1 - Press CE
    2 - Key in 552
    3 - Press STEP
    4 - When assigned track number is in window, write it down.
    5 - Press STEP
    6 - Machine will signal when Saving in completed.

TO LOAD FROM A DISK TO THE MACHINE

    1 - Press CE
    2 - Key in 551
    3 - Press STEP
    4 - Key in number of track you wish to load
    5 - Press STEP
    6 - Machine will signal when Loading in completed.
    7 - Program desired pattern in the usual manner.

TO DELETE A TRACK FROM A DISK

    1 - Press CE
    2 - Key in 553
    3 - Press STEP
    4 - Key in number of track to be deleted
    5 - Press STEP
    6 - Machine will signal when deletion is complete.

TO DELETE ONE PATTERN FROM A DISK TRACK

    1 - Load track into machine as above.
    2 - Delete pattern from memory as on previous page.
    3 - Save corrected memory back to disk as above.
    4 - Machine will signal when Saving in completed.