1. Illustration

This version of USB simulation floppy disk drive set version 1.44M, 1.2M and 720K in to one. 1.44M, 1.2M and 720K can choose J3, J4 jumper to use.

2. Jumper Illustration

J4 Jumper	J3 Jumper	Version	Digital Tube Display
Disconnect	Disconnect	1.44M	C4
Disconnect	Shorten	720K	C4.
Shorten	Disconnect	1.2M	C.4
—	Shorten	720K	C4.

J9 Jumper	J7 Jumper	J6 Jumper	Mode Function
Disconnect	Disconnect	Disconnect	0: Normal Mode
Disconnect	Disconnect	Shorten	1: "Ready" Signal from inactive to active delayed timeline becomes short.
Disconnect	Shorten	Disconnect	2:Each time report change disc
Disconnect	Shorten	Shorten	3: Each time report change disc and "Ready" Signal from inactive to active delayed timeline becomes short.

Common questions:

Question: In the first operation, it reports no disc, but after that it operates normally .

Solution: Shorten delayed timeline of "READY" signal line from invalid

to valid.

Question: The floppy drive is not ordinary floppy drive. The first operation operates normally, but after that the operation become unstable.

Solution: During “READY” signal line change from invalid to valid, reports disc changer at each operation.

Question: The first operation does not work, it reports no disc, but after the first operation become normal. The floppy drive is not ordinary floppy drive.

Solution: Each operation reports disc change, and reduce delayed timeline in the middle of the operation.

Compatible with:

Computer, Embroiderer, IPC, Electronic Keyboard, Heavy Machine, Loom and so on.

Several special models need to change the jump.

The installation steps of the emulator floppy disk

1. Turn off the power supply and dismantle the floppy disk.
2. Install the FUSB in the position of the original floppy disk and connect it with the 5V power line, 34 needle cable those the original floppy disk used before. When installing insert the power line at first then the data cable. And when dismantling pull out the data cable at first then the power line.

   The connection method of the power line:

   Connect the 5V power cord plug of the equipment to the power interface of the floppy disk.

   Generally speaking, the yellow lone of the power cord plug is on the outside, the red one (VCC) inside and the black one (GND) in the middle. If the power line is reversed connected the chip in the floppy disk may be burned down,

   The connection method of the Data Cable:

   Connect the original floppy disk’s 34 needle FDC plug with the 34 needle interface of the emulator floppy disk. The convex groove on both the plug of the floppy disk data cable and the FUSB should be identical. If the data cable is

reversed connected it will result in the FUSB can not work or the chip may be burned down! The average performance for the reverse connecting data cable is the red light when the U plate is not inserted.

3. Plug in the power supply. The indicator light (traffic light) of the emulator floppy disk standard's front panel doesn't light under normal circumstances and is waiting for the U plate inserted. If there are any complications please check whether the power line or the data cable is reversed connected. For example, the 34 needle floppy disk data cable is direct-through line (the 34 needle floppy disk data cable of the ordinary PC has 7 lines reversed connected) or the characteristics of the machine itself. After connecting, the red light will be long bright and now you need to manual modify the jump line positions of J1, J2 in the internal of the emulator floppy disk standard. In default situation the jump line is in 2-3 position. After reselecting the jump line position for J1, J2 the normal condition should be as follows: When operating the red light is lighted, otherwise it doesn't light.

Preparation before use the U plate

Format the U plate into a floppy disk format before you use it.

Insert the U plate into the computer to run V123_SFD.exe and according to the prompts to complete format. You could format one U plate into 100 floppy disks and manage the piece file transfer of each floppy disk at the same time.

The use method of the emulator floppy disk

1. Instructions for the front panel of emulator floppy disk enhanced version.

Green light: the power indicator light. Long bright means the power is connected.

Red light: the working indicator light. Long bright means the emulator floppy disk is at work.

Nixie tube: When the U plate is not be inserted it displays the product model C4.

When insert the U plate, under the normal condition it displays the operation plate number and the default is 00. You could through the button to switch from 00 to 99.

Button: up and down arrow buttons. Use it to switch the 100 plate numbers from 00 to 99 in turn.

2. Plug in the power supply and insert the U plate that has been correctly formatted. Now the green light is long bright and the red one doesn't light. The nixie tube displays from C4 to 00. You could switch to the plate number that you want to operate through the button (from 00 to 99).

3. When reading and writing U plate, the use method is the same with that of operating the floppy disk. The red light will light when you write U plate.

4. After reading and writing U plate, the read light will go out. Waiting for a few seconds before you pull out the U plate then the built-in condition monitoring system will automatic start and the nixie tube's display jumps for C4 then the emulator floppy disk enhanced version will stop working. When reinserting the U plate the built-in condition monitoring system will automatic identification and the nixie tube's display jumps for 00. Then the emulator floppy disk enhanced version will restart working and don't need hand-reset.

Note: When the red light is on it means the U plate is storing and fetching data so please don't pull out it avoid causing data loss.

Operating Environment

Temperature Range:: 0℃~65℃

Voltage Range: 4.5~5.5V