

# Usage Manual

## (SFR1M44-TU100K)

### Floppy driver with below function needed:

- I Floppy driver with 34pin interface, and 5V DC power plug (example: SONY YE-DATA ALPS TEAC EPSON PANASONIC NEC )
- I Use 2HD floppy disk with 1.44MB capacity
- I Format of disk : Cylinders: 80    Tracks: 160    Sectors/Track: 18    Bytes/Sector: 512    Data transfer rate: 500 kbps    Encoding method: MFM.

### Features:

- I Use normal usb flash drive as the medium for transfer design.
- I 34pin floppy driver interface, 5V DC power supply, easy to install.
- I Capacity: 1.44MB 2HD Cylinders: 80 Tracks: 160 Sectors/Track: 18 Bytes/Sector: 512 Data transfer rate: 500 kbps Encoding method: MFM.
- I 1000pcs partitions in usb flash drive can be used.
- I Built-in self-format function. (read relevant documents to use this function)
- I Jumpers with function for different machines

### Panel:



**8segment numbers:** represent partitions number

**Green led:** status of read and write operation

**USB port:** connect usb flash drive

**Button:**

Left button used to rise ten-digit, right button used to rise single-digit, press 2 button together to rise hundred-digit.

### Operation :

#### I Format usb flash drive.

1. use built-in self-format function to format usb flash drive into 1000pcs partitions.
2. use software in CD format usb flash drive under WINDOWS XP/2000, into 000-099 100pcs partitions.
3. install an emulator on computer, and format every partitions by operate driver A:.
4. use emulator UFA1M44-100, plug usb flash drive on it, connect to computer, it will recognized as removable driver A: or B: under WINDOWS XP/2000/7, format every partitions. UFA1M44-100 also built in self-format function.

#### I Read and write data.

1. install emulator on machine
2. install emulator on computer
3. connect usb flash drive on computer, read and write data directory by software, under WINDOWS XP/2000

4. use emulator UFA1M44-100, plug usb flash drive on it, connect to computer, read and write data under WINDOWS XP/2000/7.

### **Jumper setting:**

There are nine choices:

- ① S1 Short connect
- ② S0 Short connect
- ③ M0, JA Short connect
- ④ S1, JA Short connect
- ⑤ S0, JA Short connect
- ⑥ S1, JB, JA Short connect
- ⑦ S1, JB, J5 Short connect
- ⑧ M0, JB, JA Short connect
- ⑨ S0, JB, JA Short connect

According the fact to modify the jumper.

### **Firmware version of emulator:**

Keep pressed 2 button together , power on , 8segment numbers will display firmware version and data of emulator to detect different model.

### **Error code:**

**E0:** no specified file in usb flash drive

**E16:** built-in memory fault