

# User manual

## Floppy to USB emulator

### Model:

SFR1M44-U100K code\*: U01 142

### Floppy driver with below function needed:

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

### Features:

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

### 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 :

- **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.

● **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: (SFR1M44-U100K)**

**J5:** ---

**JA:** ---

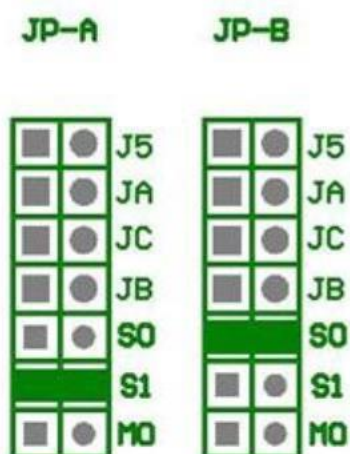
**JC:** ---

**JB:** ---

**S0:** Driver select 0

**S1:** Driver select 1

**MO:** Motor



**Firmware version of emulator:**

Keep pressed 2 buttons 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