

## User manual

### FLOPPY TO USB CONVERSION UNIT FOR TAJIMA HAPPY BARUDAN SWF etc EMBROIDERY MACHINE

#### Features:

- Use ordinary usb pen driver as the medium for transfer design.
- Same size, same interface with floppy driver, easy to install.
- Connect through floppy driver interface, no need to modify system settings.
- 1.44Mb/720Kb built-in flash memory, used for conversion of file system between usb pen driver and format of floppy disk.
- Files in root directory and 99 folders can be searched.

#### Installation:

Check the model of embroidery machine and select the right model of unit and set the right jumpers according the table.

Model of conversion unit	Model of machine	Jumper settings
SFR1M44-GU/FU	TAJIMA: TMFD TFKN TFGN TME-DC...etc HAPPY: HMF HCM HCA...etc	JP-D
SFR1M44-GUFU	TAJIMA: TEHX TMEX TMKD TMLH TMCE ...etc	JP-J
SFR1M44-GU/FU	TAJIMA: STKN TFGN SWF	JP-A
SFR1M44-GU/FU	BROTHER: BES BAS	JP-B
SFRM72-GU/FU	TAJIMA: TMEG TMFD...etc BARUDAN: BEDS BEMR BEMS BEMX	JP-D
SFRM72-DU26 (26pin FPC)	BARUDAN: BENS (thin floppy driver)	Default

#### Function:

Two 8segment LED correspond with the name of folder, 00 regard as the root directory, and 01 – 99 is for folder. Name of folder must start by a number '0', and then the 00 – 99 , for example, folder name : 028tajima, the 'tajima' is named by user.

Two button used to select the 8segment LED from 00 – 99, left is tens-digit, right is single-digit, and after plug a usb pen driver, the 2 button used as IN and OUT instruction. Press the IN button to transfer files from usb pen driver to built-in memory, When the total capacity of files in current directory exceed 1.2Mb, press IN button again to transfer files into built-in memory, and the OUT button is used to transfer files from machine to usb pen driver.

#### Operation:

Read sequence:

- |  |
|--|
| 1.Select root or folder by 2 button (tens/single) before plug usb pen driver |
| 2.Plug usb pen driver  |

3. 8segment change to 'd0',1-20 seconds later, return back to number of folder
4.operate machine to read disk.
5.if total capacity of files in current directory exceed 1.44Mb, and file you need is not in current space, press IN(single), goto step 3 and 4.

Write sequence:

1.Select root or folder by 2 button (tens/single) before plug usb pen driver
2.Plug usb pen driver
3. 8segment change to 'd0',1-20 seconds later, return back to number of folder
4.Press OUT(tens), 8segment change to 'd1'.
5.operate machine to write disk.
6.after the machine display it finished, wait the green lamp off.
7.press OUT(tens) again, 8segment change to 'd2'. 1-20 seconds later, return back to number of folder.

## Description:

1. If there is no folder in usb pen driver correspond with 8segment, it will create a new folder after the read or write operation. If there are 2 or more folders start with same number, example: 028abc, 028def and 028ghi, only one folder will be searched. So avoid this instance.
2. The built-in memory will refresh after the next read operation, no need to manage the file in built-in memory. The built-in memory will clear after the step 3 of write sequence, so when do the write operation, make sure the file name you write to disk is different with the file exist in usb pen driver, otherwise, the file in usb pen driver will be covered by the new file from machine after the write operation.
3. During the 8segment display 'd0' in read sequence, do not operate machine to read disk, the unit is not ready working with machine. During the 8segment display 'd0' and 'd2', do not remove usb pen driver, the unit is transfer data with usb pen driver.
4. The function of 2 button is IN and OUT data, when a usb pen driver plug on, the usb pen driver must be removed when change folder.

## Note:

1. Some model of machine :TMFD TME-DC etc only support the 2DD floppy disk(720Kb capacity) , then only the model SFRM72-DU can be used .
2. Some of TFKN TFGN etc use a floppy driver model:YD-702D-6238, set the jumper as JP-A, if the model: YD-702D-6639 etc, set the jumper as JP-D.
3. For SWE, Some of SWF can not start up, when a floppy disk insert. So when use GU model on these machines, please operate as these steps: plug a usb pen driver, keep IN button pressed, start up machine, when it in normal status release the IN button. If the problem can not be solved, please use SFR1M44-U100.
4. For Chinese machine, we have a small printing circuit board for the front panel, if needed, you can install it.
5. For BARUDAN BEMS BEMX, confirm if it support designs with both BARUDAN FDR format and TAJIMA format(.dst .dsb), if not, the conversion unit can not be used on it. The SFRM72-DU only support TAJIMA format.

6. If BARUDAN BEMS support TAJIMA format, store the design as file name start with 3 numbers ,(for example 023\*\*\*.dst 004.dst etc).

