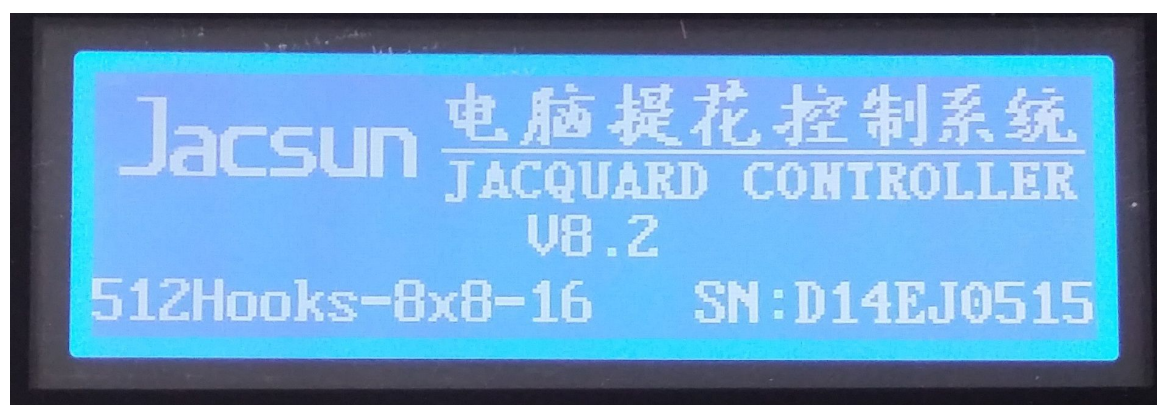


**Make sure that POWER is OFF before maintaining.**

## 一、Start Menu:



- \*The controller uses Optical fiber to communicate.
- \*It displays soft version and jacquard Hook number(array) and series no etc.
- \*Press any key to the Weaving Menu.

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## **二、Weaving Menu:**

Design File:fjq11.jc5
Design Repeats.....:20
⇒ Current Pick No...:12
Current Shift.....:A shift
Repeats Woven.....:1200
Weave schedule.....:9999999
Device Status.....:Normal!
Speed.....:850 RPM

1) Press the key of F1/F2/F3/F4/4 to execute the relative function as follows:

**F1-----Jacquard configuration parameters.**

**F2-----Read Usb Disk and select a design to work etc.**

**F3-----Test jacquard memory and signals etc.**

**F4-----Exit this Weaving-menu to Start menu.**

**4-----Device status.**

2) Modify parameter:

(A) Current Pick No:

① Press the key of Left/Right/Up/Down arrow to move cursor

(⇒) to the item of Current Pick No.

② Press the key of Sure, then there occurs a sparkling cursor.

③ Press the key of Up/Down arrow to increase/Decrease Pick No.

④ If finished, Press the key of sure to close sparkling cursor.

(B) Current Shift/Repeats Woven:

① Press the key of Left/Right/Up/Down arrow to move cursor

(⇒) to the item of Current Shift.

② Press the key of Sure, then there occurs a sparkling cursor.

③ Press the key of Up/Down arrow to change A/B/C Shift.

Repeats Woven parameter will be changed by A/B/C Shift.

④ Press the key of clear to clear Repeats Woven parameter to zero.

⑤ If finished, Press the key of sure to close sparkling cursor.

(C) Weave schedule: If the Repeats Woven is equal to Weave schedule, then Weaving machine Is stopped.

(D) Device status:

① When there is not a sparkling cursor, press the key of clear to Clear the fault information.

② Press the key of Left/Right/Up/Down arrow to move cursor(⇒) to the item of Device status. Then press the key of sure to enter the Device status Menu.

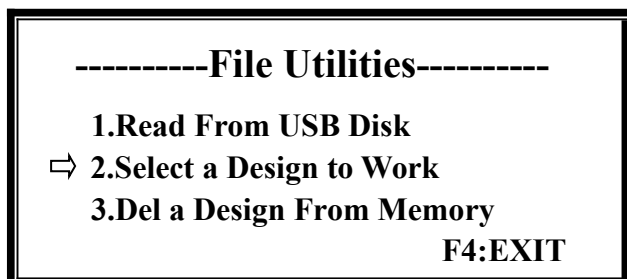
③ Press the key of F5 to enter the Device status Menu directly.

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### **三、 File Utilities Menu:**

In Weaving Menu, Press the key of F2 to this menu as follows:



- ① When machine is running, the operation is disable.
  - ② Press the key of Left/Right/Up/Down arrow to move cursor(⇒) to the relative function.
  - ③ Press the key of sure to execute the relative function.
  - ④ Press the key of F4 to exit to the Weaving Menu.
- (A) Read From Usb Disk:
- ① First, List file names In USB Disk.
  - ② Press the key of F2 to select file to be read.It occurs “#” before the Selected file.
  - ③ Press the key of sure to read the selected file data to system.
- (B) Select a Design to Work:
- ① List the file names in system.
  - ② Press the key of F2 to select a design file to be woven.It occurs “#” before the Selected file.
  - ③ Press the key of sure to select the design file to work.
- (C) Delete a Design From memory: This operation is the same as (B).

**Make sure that POWER is OFF before maintaining.**

#### **四、 Configuration Menu:**

In Weaving Menu, Press the key of F1 to this menu as follows:

Menu (1):

-----Configuration-----	
	Jacquard Hooks:320 (5x8-16)
⇒	Ext. Of File.....:JC5
	1st-Hook Position..:Left-Back
	OE Time-Limited..:1200
	Vertical Flip.....:Not Flip
	Jacquard dat parity:Enable
	Permit:

Menu (2):

-----Configuration-----								
⇒ Array XCHG	1	2	3	4	5	6	7	8
	1	2	3	4	5	1	2	3

**Note: The configuration parameters can not be modified by random.They must be modified by special engineer. Otherwise, The Jacquard can not work normally.**

- 1: Press the key of 3(PgUp) and 8(PgDn) to switch between Menu(1) and Menu(2).
- 2: In order to modify the parameters, you must input the password(permit).
- 3: How to modify? (permit:123678)
  - ①Press the key of Left/Right/Up/Down arrow to move cursor(⇐⇒) to the item to be modified.
  - ②Press the key of Sure,there occurs a sparkling cursor.
  - ③Press the key of Up/Down arrow to modify the relative parameter.
  - ④If finished, Press the key of sure to close sparkling cursor.

Press the key of F4 to exit this menu and save the modified parameters.

- 4: **Jacquard Hooks:** Jacquard Hook number and Jacquard array.

For example:320(5x8)---Jacquard hook number:320, Array:5Column, 8Row.

This must be the same as the real jacquard hook number and array.

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## **Make sure that POWER is OFF before maintaining.**

5: **Ext. of file:** the file extend name for reading USB Disk.

JC5-----staubli file format.

UPT-----Muller file format.

EP4/EP1-----Bonas file format.

6: **1st-Hook Position:** This parameter is to decide the 1<sup>st</sup> hook position among Left-Back, Left-front, Right-Back and Right-Front.

7: **OE Time-Limited:** (Unit:second)

This parameter is to protect the magnetic modules against too hot

Because the magnetic-modules are power on for too long time.

8: **Vertical Flip:** To flip the file data between head and tail.

9: **Jacquard dat parity:**

If enable, system will check the jacquard-data right or not.

If disable, system will not check the jacquard-data.

10: **Permit:**

Before you modify the config parameters, you must input password here.

① Press the key of Sure, then there occurs a sparkling cursor.

② Input the six password key (this system will display \*\*\*\*\*). If finished, press the key of sure to close sparkling cursor and you can modify parameter.

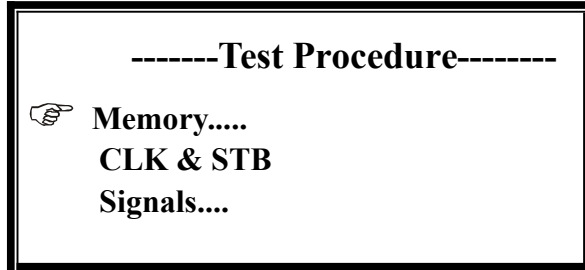
③ If the password is not correct and press the key of sure, you must input The password again. Or press the key of clear to cancel the input process.

11: **Array XCHG:** If One of eight-output-inlets has fault, we can use a spare inlet to replace it. If the 2<sup>nd</sup> inlet has fault, We can change the 7<sup>th</sup> inlet to replace the 2<sup>nd</sup> inlet. We only change 7<sup>th</sup> inlet to 2<sup>nd</sup> inlet, then change the 2<sup>nd</sup> flat cable to the 7<sup>th</sup> flat cable.

Make sure that POWER is OFF before maintaining.

## 五、 Test procedure Menu:

In Weaving Menu, Press the key of F3 to this menu as follows:



- ① Press the key of Left/Right/Up/Down arrow to move cursor(☞) to the relative function item.
- ② Press the key of Sure, then there occurs a symbol✓.
- ③ Press the key of F3 to test in odd times or stop test in even times.
- ④ Press the key of Sure to cancel a symbol✓ and stop test.
- ⑤ During test-process, system displays “auto-test...”.

### 1: Memory:

Test the memory In the interface CPU PCB at back of Jacquard.

### 2: Signals:

\*Simulate the machine-running-state to test the reliability of Driver-PCB and flat cables.

\*Press the key of F2 to display the number which is a counter for Jacquard data-transfers-not-reliable times.

### 3: CLK&STB: Make signals of CLK and STB sparkle every 1 second In Driver-PCB in order to check by user.

Make sure that POWER is OFF before maintaining.

## 六、 Device status Menu:

In Weaving Menu, Press the key of 4 to this menu as follows:

```
-----Device status-----  
Memory.....:OK  
OE time out.....: OK  
communication...: OK  
Jacquard Power..: OK  
Dat transfer[F1]..: OK  
1  2  3  4  5  6  7  8 flat cable  
✓  ✓  ✓  ✓  ✓  ✓  ✓  ✓
```

\*\* Press the key of F4 to exit to the Weaving Menu.

\*\* Press the key of clear to clear fault such as Dat transfer and Oe time out.

### 1: Flash memory In MainPCB:

When the file is read from USB Disk, the file can not be saved to the system Memory. This system will display this fault.

2: Memory.: This indicates the status of memory in the interface CPU PCB at back of Jacquard.

### 3: OE time out:

When the machine stopped, If the time for magnetic modules power on is over OE Time-Limited, OE time out will display fault and make magnetic modules power off.

4: communication...: This indicates the status of communication between the Main CPU and the interface CPU at back of Jacquard. We use optical fiber to communicate in this system.

5: Jacquard Power: The power of magnetic modules is 15V or so, if the power is lower than 12.5V, Jacquard Power will display fault.

6: Dat transfer[F1]..: This item indicates fault when system transfers the jacquard dat incorrectly.

1 2 3 4 5 6 7 8: This item indicates the eight flat cables' status.

\*\*Press the key of F1 to display the history status record of eight flat cables (1000 wefts before the machine stopped).