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		200~7000	5500	
		0~1	1	0 1
		0~23	12	180
		300~800	500	
		1~100	50	50 50
		0~1	1	
		0~1	0	1
		100~999	750	
			1	
			0	
			5	
			180	
			20	
			30	

This product is only applicable to the specified range of sewing equipments, please do not use for other purposes.

Our company has the right of final interpretation of this manual.

If there is any doubt when using product or any comments or suggestions of our products and services, please feel free to contact us!

Due to upgrade products, features and specifications are subject to change without notice.

The usage of the operating instructions:

The operating instructions provide guidance information based on user's requirements.

The information involves equipments and other usage occasions, transportation, installation, use and maintenance.

The operating instructions are intended for users and technical staff.





- (1) Make sure that the controller switch button is off before plugging in power.
- (2) Make sure that all the motor connector cord is plugged in before the switch button turn on, otherwise it will be an error.
- (3) The connection plugs are one-to-one. Please confirm that the terminals match each other when the connection is connected..Please do not over-force when inserting, so as not to cause damage to the system.
- (4) Do not press or over-twist the motor wire by external objects. To avoid damage to the joint signal line
- (5) Do not disassemble the controller without professionals, to avoid accidents.

Inside of the controller and interface wire are with strong power, please do not touch, in order to avoid an electric shock!

● Interface plug connections

The pedals and the machine head of the connector plug are mounted to the corresponding position in the controller back of socket. Please check if the plug is inserted firmly.


● Operation panel description


	Working mode, switch the up-down needle position; Parameter mode, setting the parameter.
	Working mode, switch the LED light; Parameter mode, save the parameter.
	Working mode, adjust the motor speed; Parameter mode, choice and adjust for parameter.
	

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

The panel is four digital Nixie tube display.

Adjust the speed by press the  key when in standby interface.

In standby interface, press the , when the up needle position indicator light is on, it is on up needle stop, when the down needle position indicator light is on, it is on down position stop, when the indicator light is off, the needle position function turn off.

In standby interface, press the  key, can turn on/off the machine head light.

Enter in and change the system parameter

When the power is on, press the  key for some seconds, then press the  key, it enters into the parameter mode. The nixietube shows **P-00**

Press the  key, can change the parameter.

After choose the parameter , press the key ,enter into the parameter ,then can change the value of the parameter by - key

Press the key save the value
he setting of motor rotate way:

When the power is on ,press the key for some seconds ,then press the key , it enters into the parameter mode. The nixietube shows **P-00**

Press the key can change parameter to **P-02**

chosen parameter,press ”,using - for changing value:
0: negative rotate 1:positive rotate,the original is positive notate.

Press the key save the value.

When the power is on ,press the key for some seconds ,then press the key , it enters into the parameter mode. The nixietube shows **P-00**

Press the key for three seconds to reset