


FDM Motor Program Manual




(4 Buttons)

Attention please: You must check up if the rated voltage of the controller match up to the supply voltage before wire up!!

I. Speed Setting::

The current speed will display on the screen when starting up. Press  or  to adjust the speed, it will finish sets when displays .





II. Needle position Setting::





Press  to adjust the needle position: displaying  means the needle is upward , displaying  means the needle is downward.





III. Restore Factory Setting::

Long press  for 5 seconds, when displaying  means finishing restore factory setting.




IV. Function Setting:: Long press  with 5 seconds to enter function setting,




1. Press  again, it will display U0 and speed limit between 5-70 on screen. Then you can press  or  to adjust the speed, it will finish sets when displays .




2. Press  again, it will display U2 on the screen. Then you can adjust the motor direction of rotation. Press  or  to adjust, '0' is clockwise, '1' is inverse hour. It will finish sets when displays .


3. Press  again, it will display U3 on screen. Then you can adjust the parameter of needle stop. The number shows between 8-45, when the number shows smaller then the stop speed will be slower, the precision of needle stop position will be higher ; when the number shows higher, then the stop speed will be quicker, but the precision of needle stop position will be lower. Press  or  to adjust, it will finish sets when displays .

(Comment: When the dia. of motor roller and sewing mach roller are in the same, the default is '12'; when the dia. of sewing machine roller is bigger than the motor roller, the default need to be adjusted higher ; when the dia. of sewing machine roller is smaller than the motor roller, the default need to be adjusted lower.

4. Press **R** again, it will display U4 on screen. Then you can adjust the needle supplement. '0' is without needle supplement; '1-9' is the quantity of needle supplement. Press  or  to adjust, it will finish sets when displays .The default is '0'.

5. Press **R** again, it will display U5 on screen. Then you can adjust the speed-raising.'0' is quick speed-raising,'9' is slow speed-raising. Press  or  to adjust, it will finish sets when displays .The default is '3'.

6. Press **R** again, it will displays U6 on screen. Then you can adjust the point needle parameter. It have 0-9 needles. Press  or  to adjust, it will finish sets when displays . The default is '5'.This function suit for the beginners.

7. Press **R** again, it will display U7 on screen. Then you can save the current setting with long press **R**,it will finish save when displays  .