

J7R Instructions

6. How to set the Parameter (This manual offer the method for N1 ~N5 setting only)

Steps	Description
1	Press "Sub" until display shows N.0
2	Press "Add" to Increase the index, then select the parameter to be modified
3	Press "Sub" to show the value
4	Use "Add" or "Sub" to change the value, then wait to return
Attention: All steps should be finished within 5s.	

7. Parameter Table

Index	Range	SM45A(450W)			SM55A(550W)				Description
		Lockstitch Default	Chainstitch Default	Overlock Default	Lockstitch Default	Chainstitch Default	Overlock Default	Thick Material Default	
N.1	10~90	80	50	80	80	50	80	20	Startup speed, speed=value x10 (rpm)
N.2	05~45	40	40	40	40	40	40	10	Motor max speed, speed=value x100 (rpm)
N.3	0/1	0	1	1	0	1	1	0	Needle stop position 0=down; 1=up
N.4	OF/ON	ON	ON	ON	ON	ON	ON	ON	Synchronizer function. OF=close, ON=open Note: do not open the parameter if not connected to synchronizer
N.5	OF/ON	OF	ON	ON	OF	ON	ON	OF	Motor reverse rotation. OF=close, ON=open
N.6	1~9	8	8	8	8	8	8	3	Increase time from 0 to 4500(rpm). Time=900/value (ms)
N.9	0~17	10	9	10	14	13	12	15	Up POSITION adjustment, only effect when N.D is 1
N.Y	10~90	80	80	80	80	80	80	80	Stop speed speed=value x 10(rpm)

8. Error Code Table

Code	Cause	Measurement
E1	Voltage is too high	Check the AC power
E2	Voltage is too low	Check the AC power
E3	Over current	Check motor connector, or replace control box
E4	Pedal fault	Check pedal connector
E5	Synchronizer fault	Check Synchronizer connector and position signal
E6	Hall fault	Check motor connector, or replace motor
E7	Lock rotor fault	Check motor connector, or machine head
E8	Erase fault	Do upgrade again
E9	Program fault	Do upgrade again
EA	Upgrade tool does not match	The upgrade tool is not compatible with the current control box re-download the correct software version
EB	Upgrade tool data fault	The data in upgrade tool is damaged, need to re-download the data