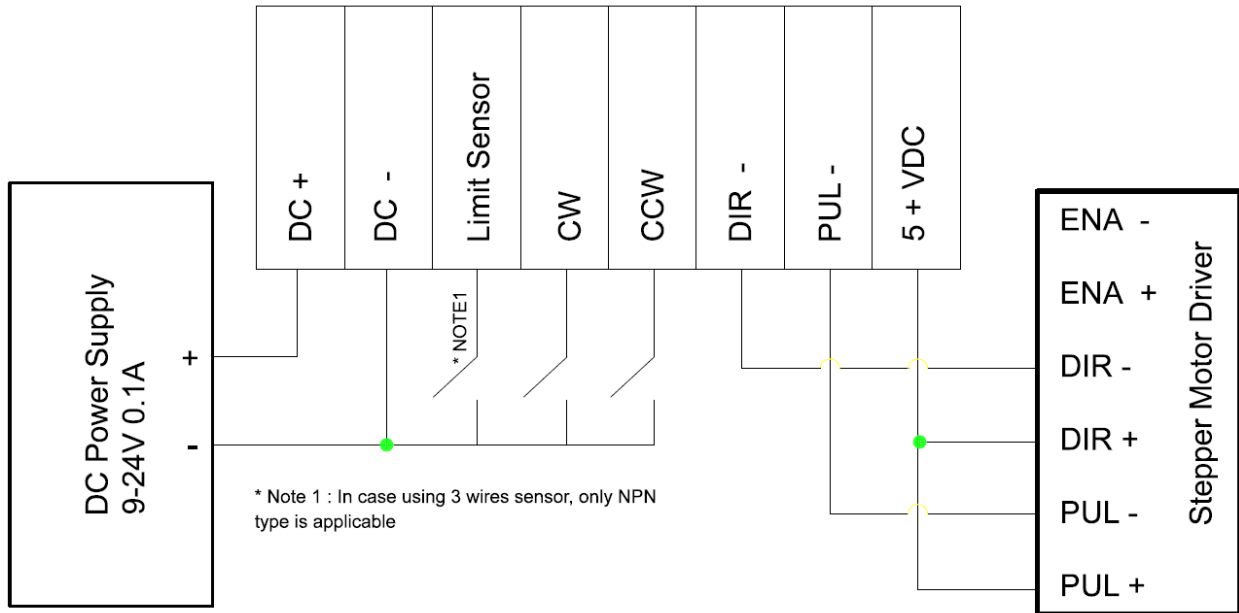
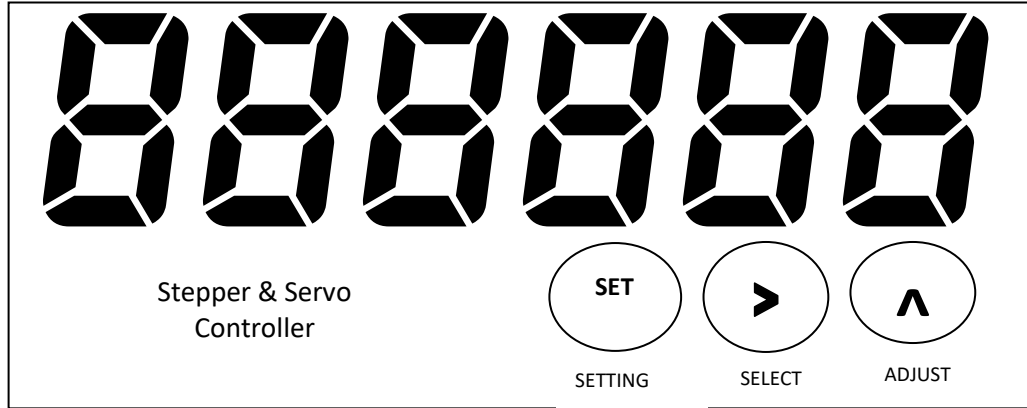




# ED-MPC-Single Axis Motion Controller

## Operation Manual





# ED-MPC-Single Axis Motion Controller

## Operation :

The initial display will be base on last selection

000000, 0.00000, N000000

## N000000 (Auto Mode) :

1. Motor will move CW or CCW if Sink signal to the terminal of CW or CCW.
2. Motor will move according to the pulse value set.
3. Motor will stop while hit on the limit switch or sensor. (motor may able to move reverse direction)

## Setting Mode :

1. Short Press > button , switch display among pulse value, distance, cycle count.
2. Long press > button, Reset current position as "Home point".
3. Long press ^ Motor home to "home position"
4. Long press SET button, access to "Parameter setting" mode

## H000000 (Manual Jog Mode) :

Press > or ^ button or signal to CW or CCW, motor will move accordingly base on pulse value set. If the > or ^ button continue press, the pulse value will incrementally up base on pulse value set. Motor will stop until hit on limit sensor.

## Parameter Setting :

1. Long press SET button, press > or ^ for the parameter selection
2. After selected , short press SET to enter parameter, press > to select & press ^ to set parameter.
3. After set done, press SET to confirm & save the parameter setting.
4. Long press SET to exit from parameter setting model

S/No	Display Code	Function	Parameter	Remarks
1	PSD -- 0	Password	8	
2	0-11-P	Auto / Manual Mode Selectin	P: Manual H: Auto	Display base on last saved while power off
3	1-UNIT	Unit Ratio Display	0.0000 1	Unit LEN parameter
4	2-CSPD	CW Moving Speed	000000	Speed calculation method : SPD / RPS
5	3-CLEN	CW Move pulse Value	000000	Pulse value / CW Input signal
6	4-CNT	CW Number of Input Limit	000000	CW input limit, if 0 means unlimited input count
7	5-FSPD	CCW Moving Speed	000000	Speed calculation method : SPD / RPS
8	6-FLEN	CW Move Pulse Value	000000	Pulse value / CCW Input signal
9	7-FCNT	Pulse value / CCW Input signal	000000	CCW input limit, if 0 means unlimited input count
10	8-BSPD	Homing Speed	000000	Moving speed for homing
11	9-DISP	Display Method	CNT PLUS DIST	Total input signal to CW & CCW Pulse value Distance indication
12	10-ACC	Acceleration	000000	
13	11-DCC	Deceleration	000000	