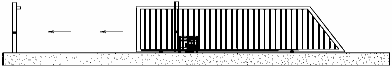## Control Board Main Features

P550-P750V4.3 Control board is designed specially for Digiway industry sliding gate motor P550 and P750 using encoder technology. Options limit switch input and open cycle PE input are available selected by DIP switch. Varies control input and auto close, PE trig close and security close models are chosen by DIP switch.

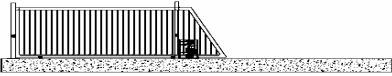**Step 1**: Install motor and Connection power.

Default setting as following gate close to left.

(If close to right, swing any two output wires of inverter and change encoder connector to T4(A)).
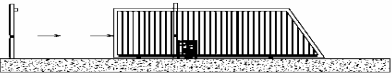
Engage clutch, power up, gate will start close.

Step 2: When hit receiving post and stop automatically

Step 3: Set DIP1 on, push and hold OPN button, gate will open at low speed

Step 4: When gate reach designed open position release OPN button

Step 5: Set DIP1 off and push CLS button, gate will close. **Setting finished**.

DIP2=OFF

Open limit, N/O

Close limit, N/O

Max 200mA

OLM
CLM
+12V
0V

Emergency stop

Open PE

DIP2=ON

Fine Adjustment

Adjust F2=1.5 to 2.5 sec and F27=15 to 18Hz, can make gate close properly, just nice touch.

12V AC INPUT

A
B

LED

OPN PED OSC PEB

DIP SWITCH

DIP1: *SET/RUN*. ON--Set, OFF--Run

DIP2: *LIMIT SELCT*. ON-- open limit as open PE; close Limit as emergency stop. OFF-- as limit, N/O.

DIP3: *LOCK/LIGHT OUTPUT*. ON--pulse output; OFF--Presence output.

DIP4: *SECURITY CLOSE*. ON--enable; OFF—disable.

DIP5: *PE TRIG CLOSE*. ON--enable, OFF--disable

DIP6 : *AUTO CLOSE*. ON--enable, OFF--disable

Gate status output, Max.1A

Dry contact output. N/O,COM,N/C

Gate Running Indicator

G: open, R: close, Y: Low speed

Lock/Light output. Max. 30V@1A

Dry contact output, N/O,COM,N/C

Function	F_	Setting	Function	F-	Setting
Acc. time	1	2.0-2.5	Multi Input	20	6
Dec time	2	2.0	Multi out	21	1
CL Low SP	8	35	OP Hi SP	26	20
Control	10	1	CL low SP	27	15