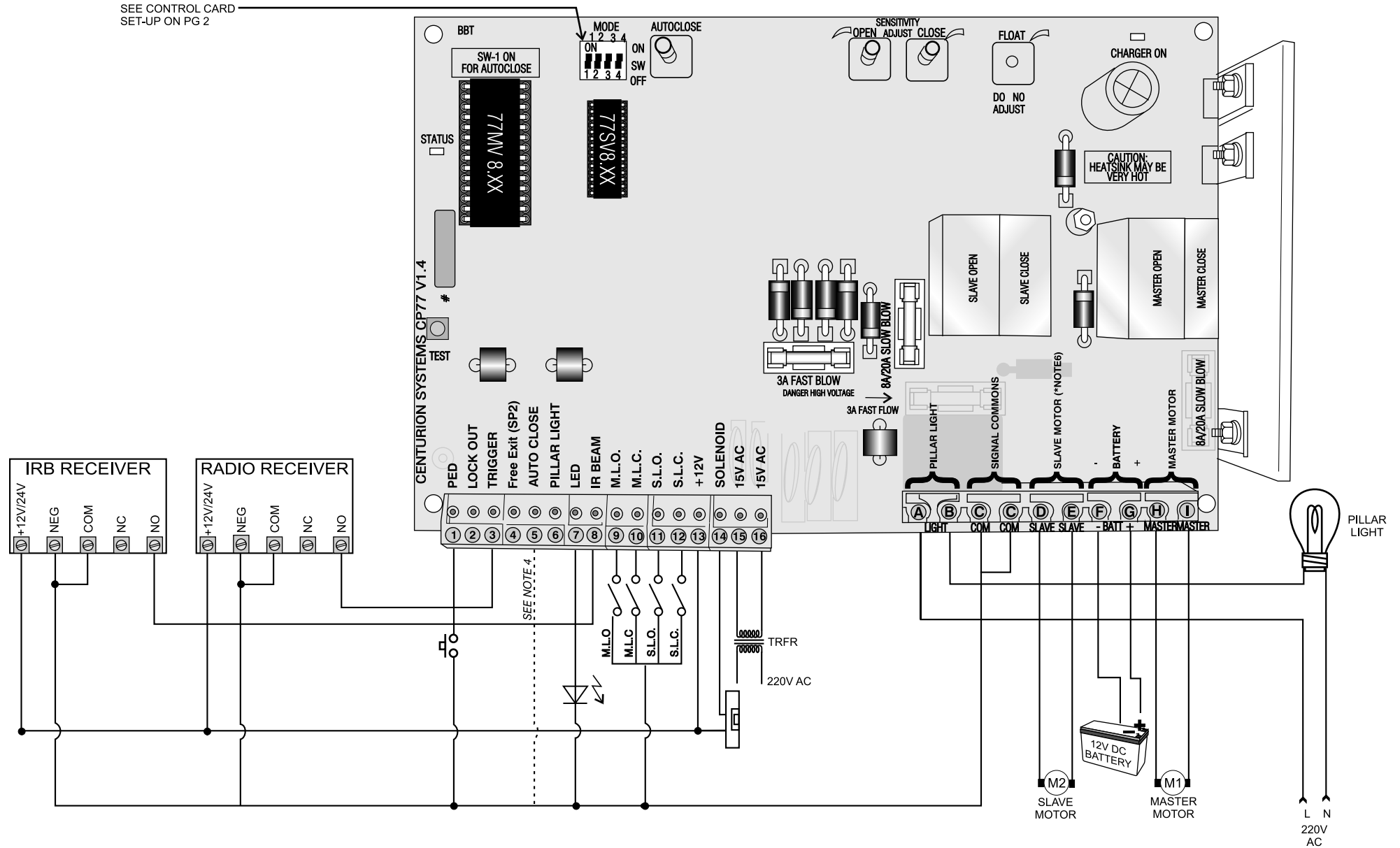


SEE CONTROL CARD  
SET-UP ON PG 2



MLO =	MASTER LIMIT OPEN
MLC =	MASTER LIMIT CLOSED
SLO =	SLAVE LIMIT OPEN
SLC =	SLAVE LIMIT CLOSED

**CP77**

DWG. No.: 1002.D.03.0001\_2  
DATE: 2006.10.03

DRAWING NAME: WIRING DIAGRAM FOR CP77 CONTROLLER

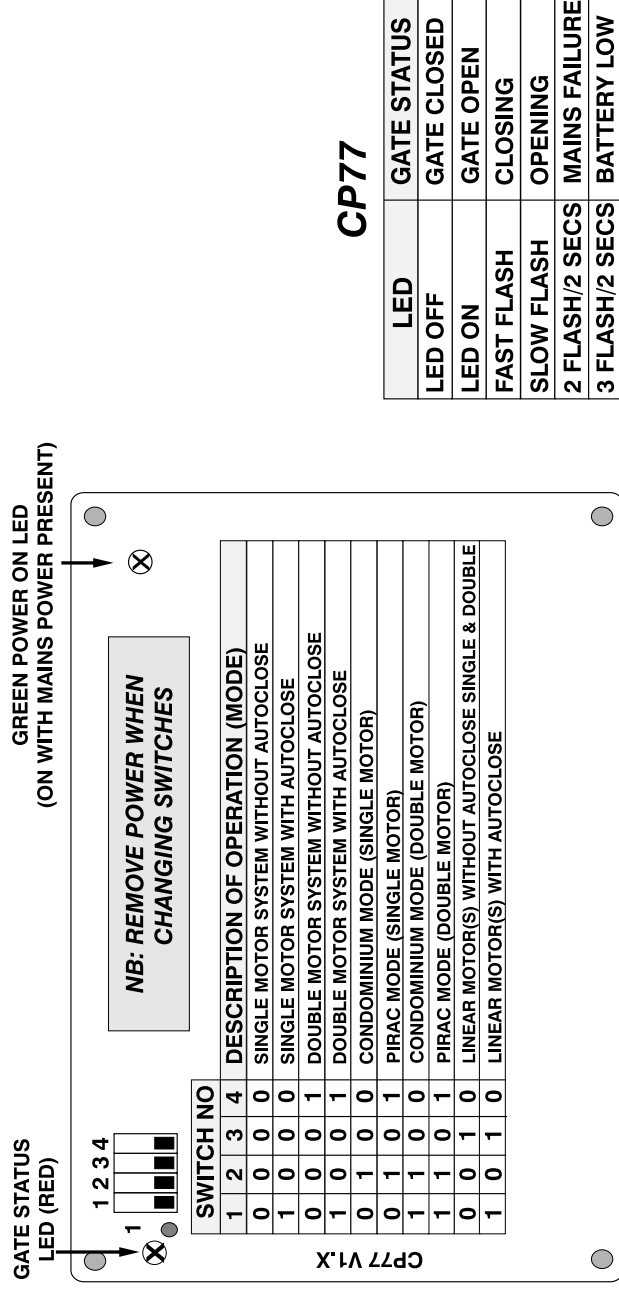
**NOTES:**

- 1). NB. make sure that the correct pic micro-controllers are fitted to the CP77 controller (See table1) this table may be revised from time to time.
- 2). If the system has separate "OPEN" and "CLOSED" limit switches then use 77MV8.04 and 77SV8.01 pic's otherwise for "SINGLE" limit switch systems 77mv8.13 and 77sv8.13 must be used. (Connect limit switches to MLO & SLO for "Single" Limit switch)
- 3). Signal common terminals denoted "C" on the CP77 are identical. (Either terminal, or both can be used)
- 4). For auto-close to work on CP77 card link between 5 and common can be fitted, or, select SW1 on.
- 5). MLC and SLC used only if separate "OPEN" and "CLOSED" limits are available. See also Note 2.
- 6). For use with solenoid, if connecting to a maglock use CP106 relay.
- 7). Fit a latching contact (Toggle switch) between "COM" and "LOCK OUT" to use holiday lock feature.
- 8). Fit a N/O contact between "COM" and "Free Exit" to use free exit feature.
- 9). Fit a N/O contact between "COM" and "PILLAR LIGHT" to operate the light without opening the gate.

**PIC MICRO-CONTROLLER**

(\* NOTE 1)

VERSION	USED ON SYSTEM WITH
77MV8.04 #	Separate "open" and "closed" limit switches. (Master motor) see note 2
77SV8.01 #	Separate "open" and "closed" limit switches. (Slave motor) see note 2
77MV8.13 #	Single limit switch (Master). CP3-iii direct replacement
77SV8.13 #	Single limit switch (Slave). CP3-iii direct replacement

**CONTROL CARD SETUP / CP77****CP77**

DWG. No.: 1002.D.03.0001\_2

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1002.D.03.0001\_2