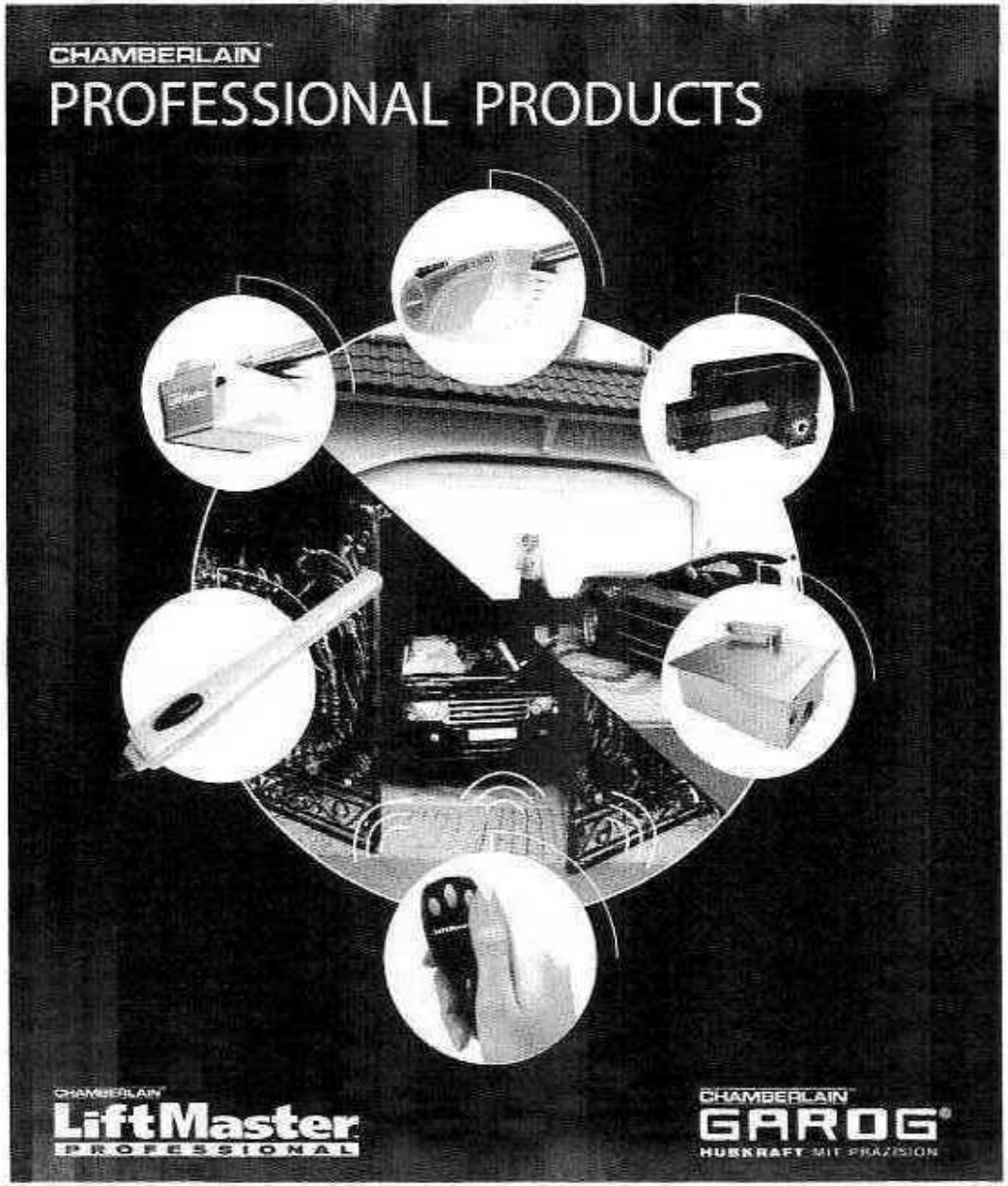


QUICK SET UP INSTRUCTIONS FOR CB11 BOARD

This set of quick set up instructions is to be used in conjunction with and not in place of the main fitting instructions

When the quick set up is completed then you must go back to main fitting instructions to complete the job.

LiftMaster Gate-Opener/Controller

CB11

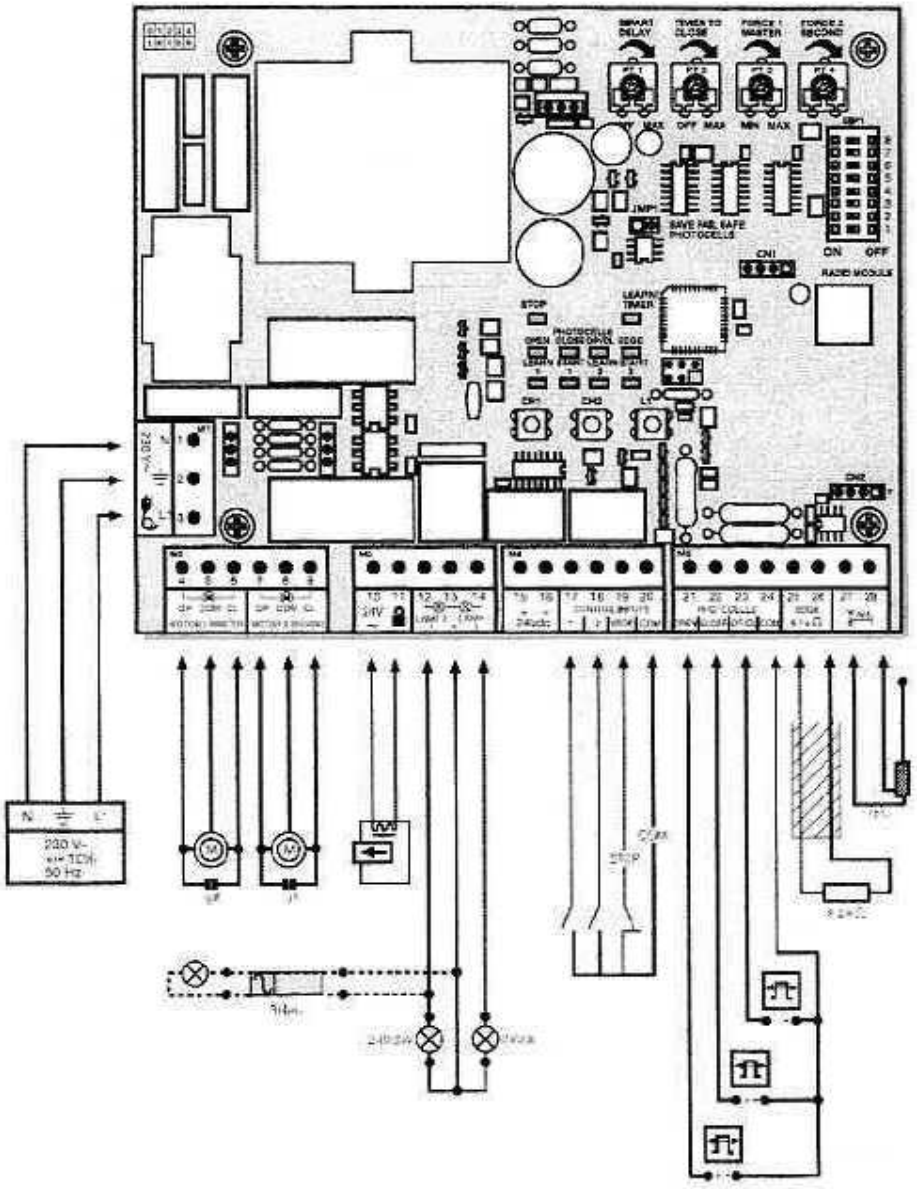
CHAMBERLAIN

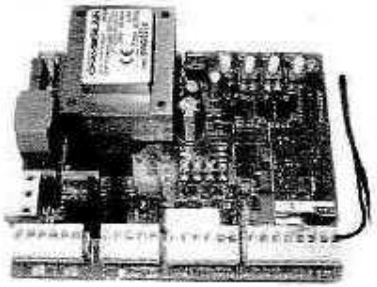
Please follow this set of inctructions

One page at a time

One operation at a time

If followed at the end your gate/s should open and close with a remote control and the I.R.'s fitted.



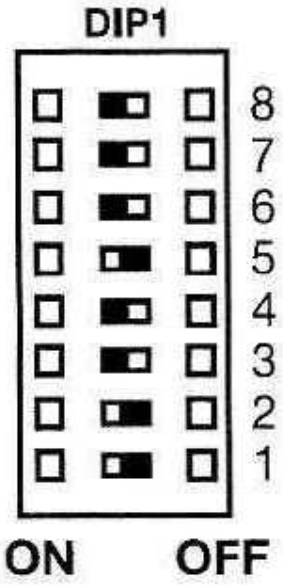


LiftMaster Gate-Opener/Controller

CB11/PROGRAMS

The control board has 7 operating modes (programs).
The desired MODE SETTING for this operation is:-
DIP SW. 1 ON, DIP SW. 2 ON, & DIP SW. 5 ON.
ALL OTHER DIP SW's OFF.

DIP1 DIP2 DIP3	ON OFF ON OFF ON OFF	ON ON OFF
DIP4	ON	E-lock As soon as an impulse is given, the drive moves the gate in CLOSED direction and opens the relay for activating the e-lock for one second. (Function due to the various commercial e-locks available)
	OFF	Function disabled
DIP5	ON	ON Setting for Chamberlain photocells (770E/771E), complies with EN60335-2-103.
	OFF	Setting for relay-controlled photocells (100263E) or other relay photocells.



LiftMaster Gate-Opener/Controller

CHAMBERLAIN

CB11/POTENTIOMETER

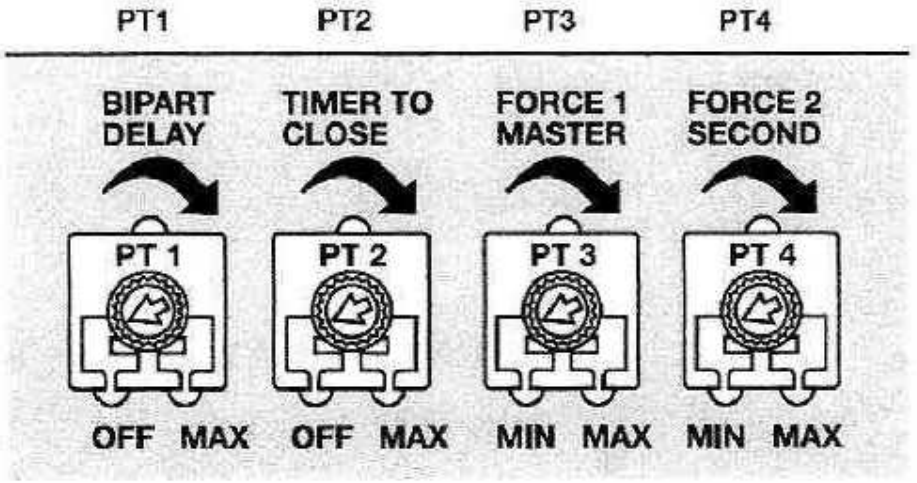
PT1:- Bipart delay (wing delay)
Should be set to approximately 30%

PT2:- Should be left off at this time.

PT3 & 4 Force
Should be set to approximately 30%

All the above can be re-adjusted at a later time if required after the gate/s are working.

NOTE:- If the gate/s do not seem to run when you are at the point to try them you should try turning the force up.



LiftMaster Gate-Opener/Controller

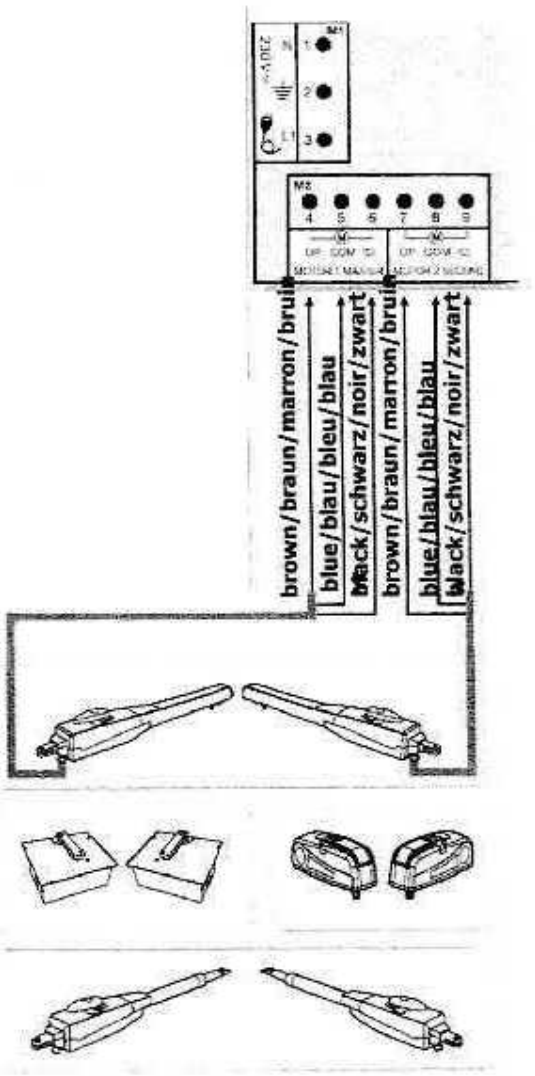
CB11/MOTORS

The motor to open first is the "master " motor 1,
the other one is the "second" motor 2.
If only one motor is used, the connection for motor 2 is held in reserve.

**Note: After the power is connected & turned on the gate/s must OPEN for the first run.
If one or both wings close(s) instead of opening, the brown and black cables must be swapped on this motor.
Disconnect from the power supply before doing so!**

The cable for the capacitors supplied with the motors must be inserted in terminals OP and CL together with the cables for the direction of rotation (brown/black).

For space reasons the capacitors may also be installed in the distribution boxes. Make sure that they are connected correctly and powered sufficiently.
The capacitors are responsible for the force that the motors will have later on.

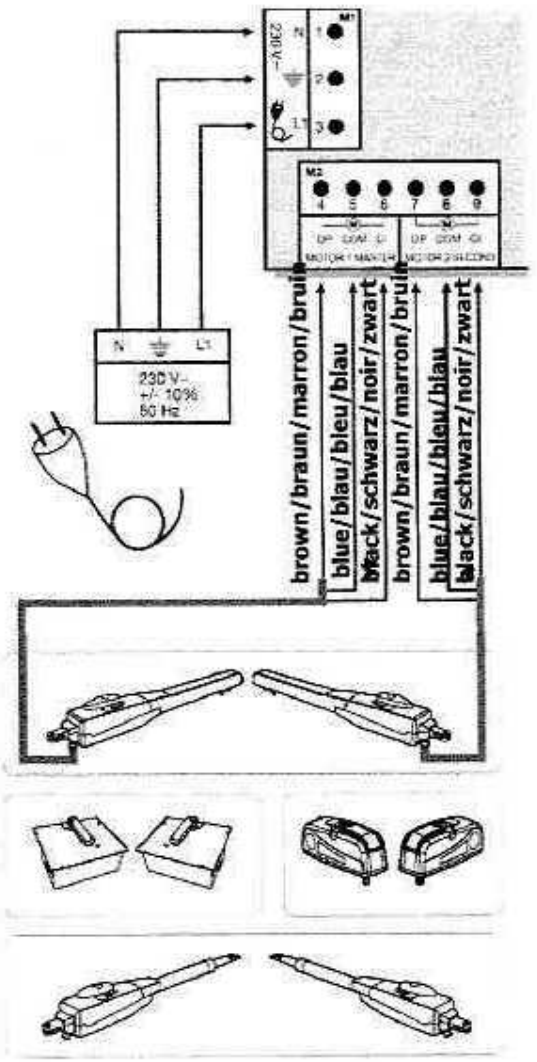


LiftMaster Gate-Opener/Controller

CB11/MOTORS

At this point the power can be connected **BUT DO NOT** turn it on this will be done later.

CHAMBERLAIN



CB11/ACCESSORIES

PHOTOCELLS (OPTIONAL)

The photocells should be connected as per the wiring diagram and 1,2 or 3 sets can be fitted.

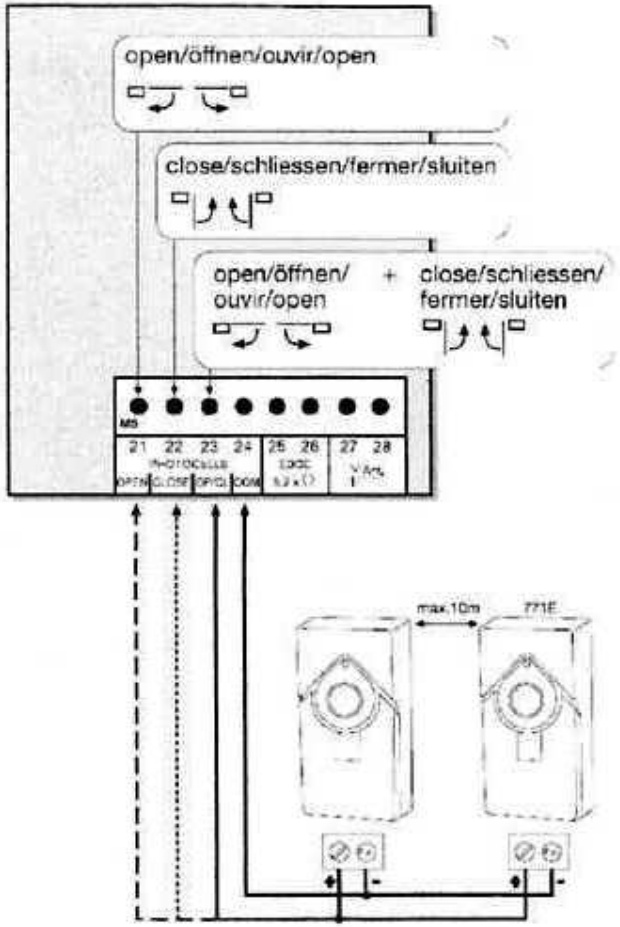
The photocells are a safeguard and should be used.

The fitting location depends on the gate's design.

EN12453 specifies that a pair of photocells must be installed at a height of 200 mm and activated to "Close";
a second pair must be installed at a height of 200 mm and activated to "Open".
A third pair of photocells can be optionally installed and activated to "Close" and "Open".

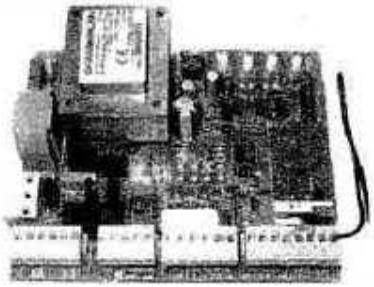
The photocells consist of a transmitter and a receiver and must be opposite each other. The housing of the photocell (plastic) can be opened using a screwdriver.

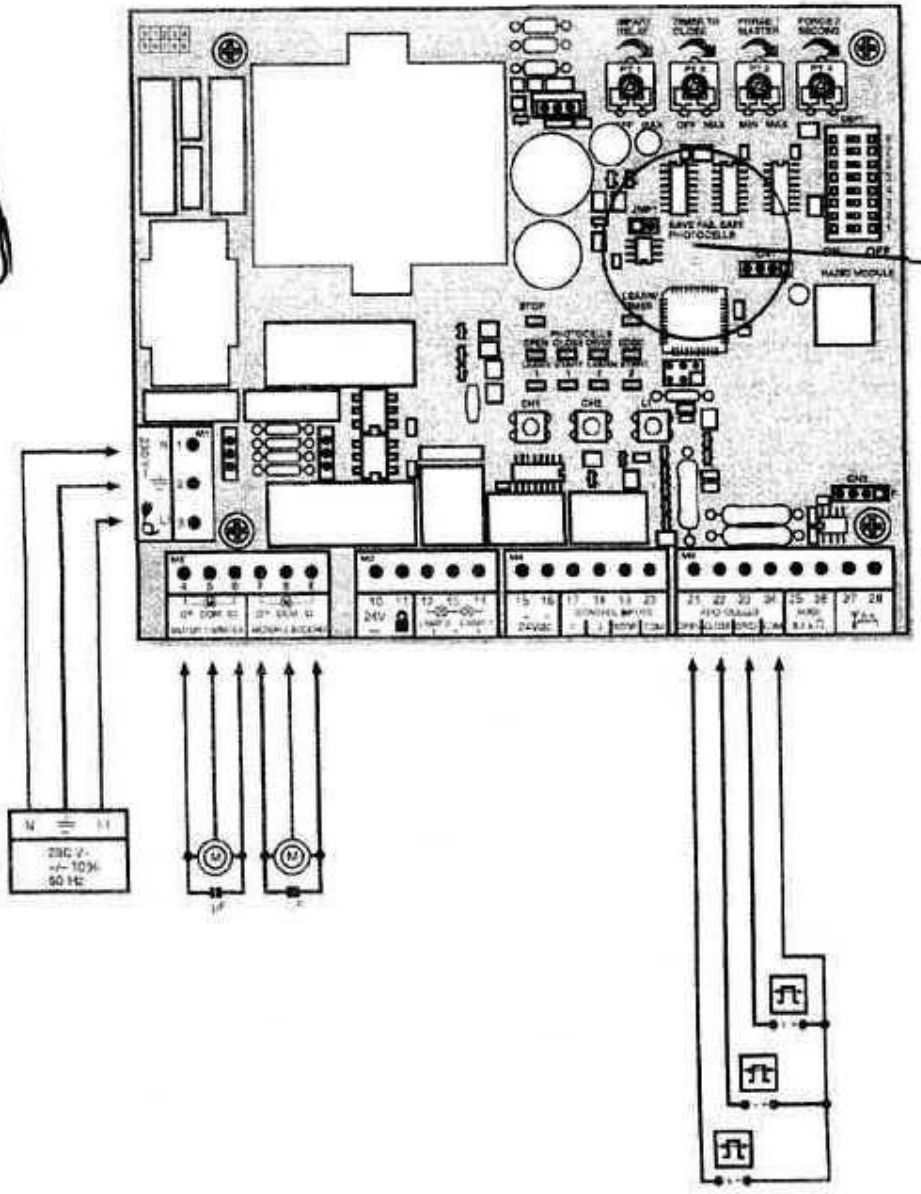
The photocell is mounted on the wall using small screws and wall plugs.



LiftMaster Gate-Opener/Controller

CB11





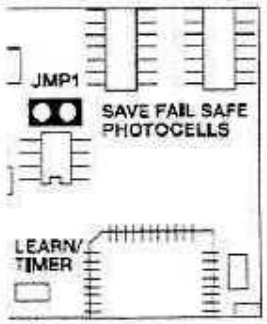
JUMPER:- Fail Safe Photocells
See next PAGE.

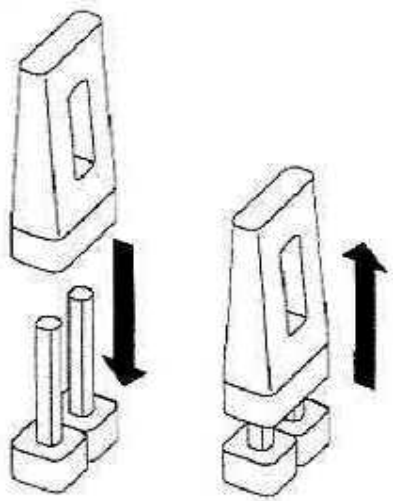
LiftMaster Gate-Opener/Controller

CB11/ACCESSORIES

JUMPER (Save Fail Safe Photocells)

Operation with failsafe photocells model 771E/770E





Jumper must be plugged in across the 2 pins before
THE POWER IS TURNED ON
You can Then turn power on
You must then wait for 10 seconds
Then un-plug jumper wait 15 seconds in this way, the board will learn whether you have fitted 1,2 or 3 sets of photocells

The photocells leds will flash if you have no photocells fitted to any of the connections ie:- photocells fitted to close (22 & 24) then you will see leds open & op/cl flashing.

If more or less photocells are required later on a reset is needed

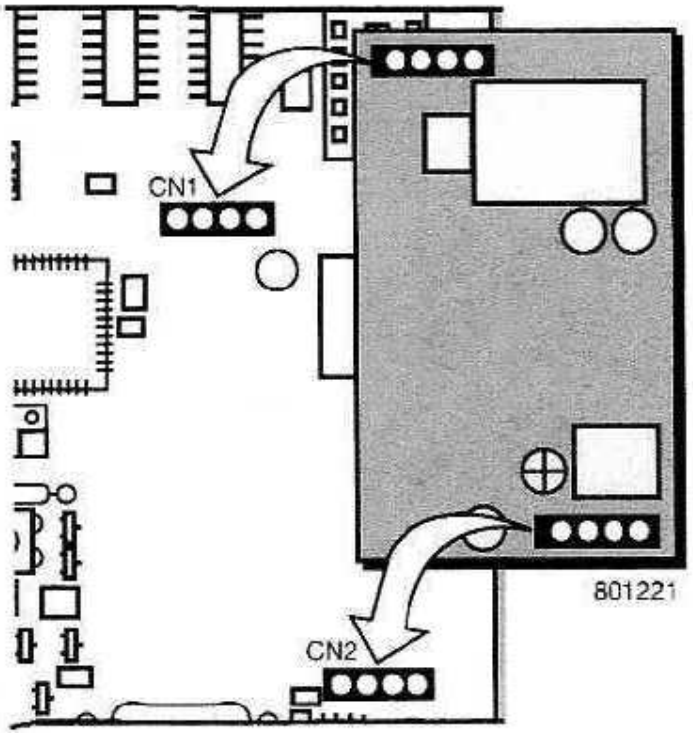
To reset power down board change photocells as required
Re-fit jumper power up board wait 10 seconds remove jumper
Wait 15 seconds for board to learn what you have done.

It is suggested that the jumper is put across just 1 pin for Safe keeping.

RADIO MODULE (if not fitted)

To operate the control board via radio remote control, a radio module must first be installed in slots CN1/CN2
The following modules are available:

801221 (433,92MHz),
801429 (27,145MHz),
207542 (315,13MHz, China)



LiftMaster Gate-Opener/Controller

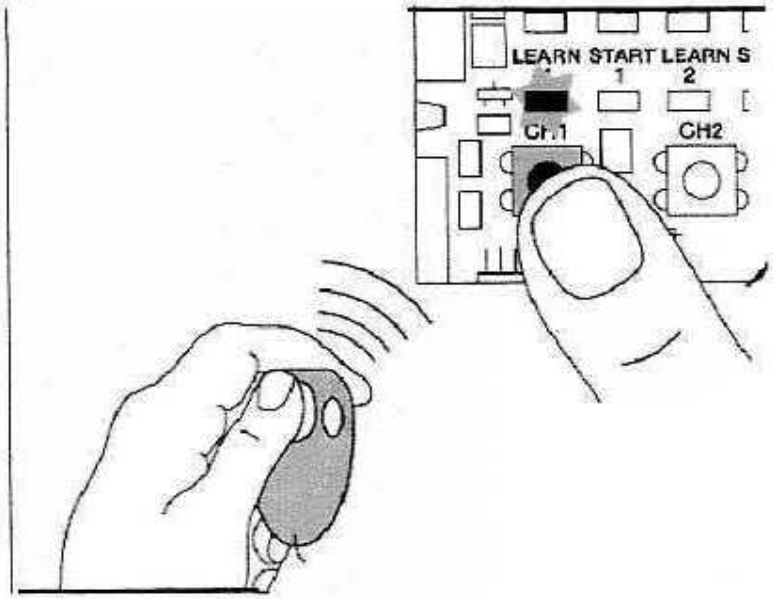
CB11/ACCESSORIES

TEACHING / DELETING THE TRANSMITTER/S

Press button CH1. The LED "Learn1" lights up red.
Now press one of the transmitter's button for approx. 5 seconds.
The LED "Learn 1" flashes now.
This has programmed the remote button to work CH1
Finished.
Proceed in exactly the same way for CH2 if required.
However, now press one of the other transmitter buttons that has not yet been assigned.

Up to 128 transmitters can be programmed in this way.

To delete the programmed transmitter setting, simply press button CH1 until the LED goes out.
Proceed in the same way for CH2.



GETTING THE MOTOR/S TO THE FULLY THE CLOSED POSTION

The gate/s should be opening with the first command sent after the power has been connected.

BUT if the Sub motor/s are not in the fully closed postion then you cannot set the operation correctly.

To set the Sub motor/s to the fully closed postion:-

1. Use remote to open the gate/s AS soon as the gate/s run (to open) use the remote to stop the gate/s.

2. Use the remote to close the gate/s (the gate/s will close more than they were open)

When motor/s stop if the gate/s are not fully closed then repeat 1 & 2 above you can keep doing this until the gate/s are fully closed.

When you are happy that they are fully closed TURN OFF THR POWER wait 10 sec's turn the power back on wait 15 sec's and then go to the next page to continue set up.

NOTE:- the above can be done with a NEW or RE-INSTALLATION

NOTE:- the above can also be used with SCS, LYN or ART motor/s BUT should not be needed as they can be Closed Manually.

LiftMaster Gate-Opener/Controller

CB11/SETTING

PROGRAMMING THE TIME FOR THE STANDARD DISTANCE COVERED (without soft stop, slow run)

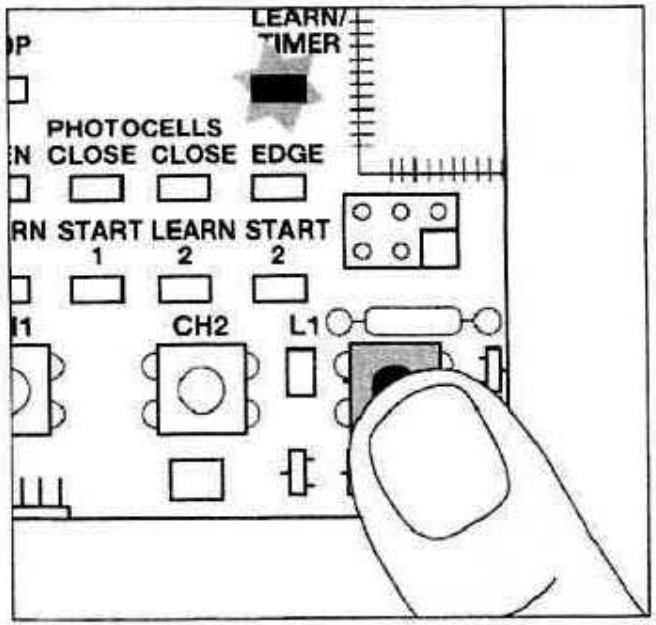
Note: If only one drive (1-wing operation) is used, the learning steps are different please see next page for instructions.

1. The wings should be closed and locked.

2. Press button L1 briefly (1 second), both wings open.

   Note: If one or both wings close instead of opening, the brown and black cables must be swapped on this motor. Switch off the power (restart), then start programming again from the beginning.

3. Press L1 again when both wings have reached the limit stop (+ let it buzz for two seconds). Only wing 2 is now running, it closes now. When wing 2 has closed, wing 1 starts to run automatically and closes.

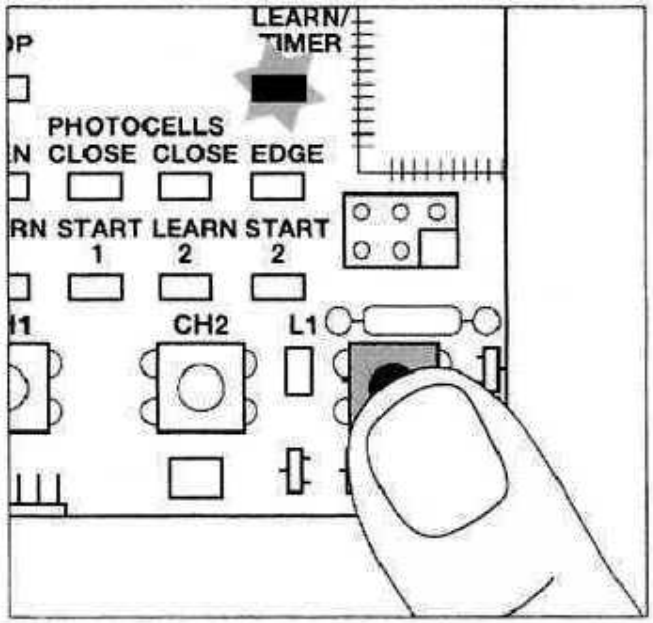


CB11/SETTING

PROGRAMMING THE TIME FOR THE STANDARD DISTANCE COVERED (without soft stop, slow run)

With just one motor fitted.

Button L1 must be pressed twice for this program.

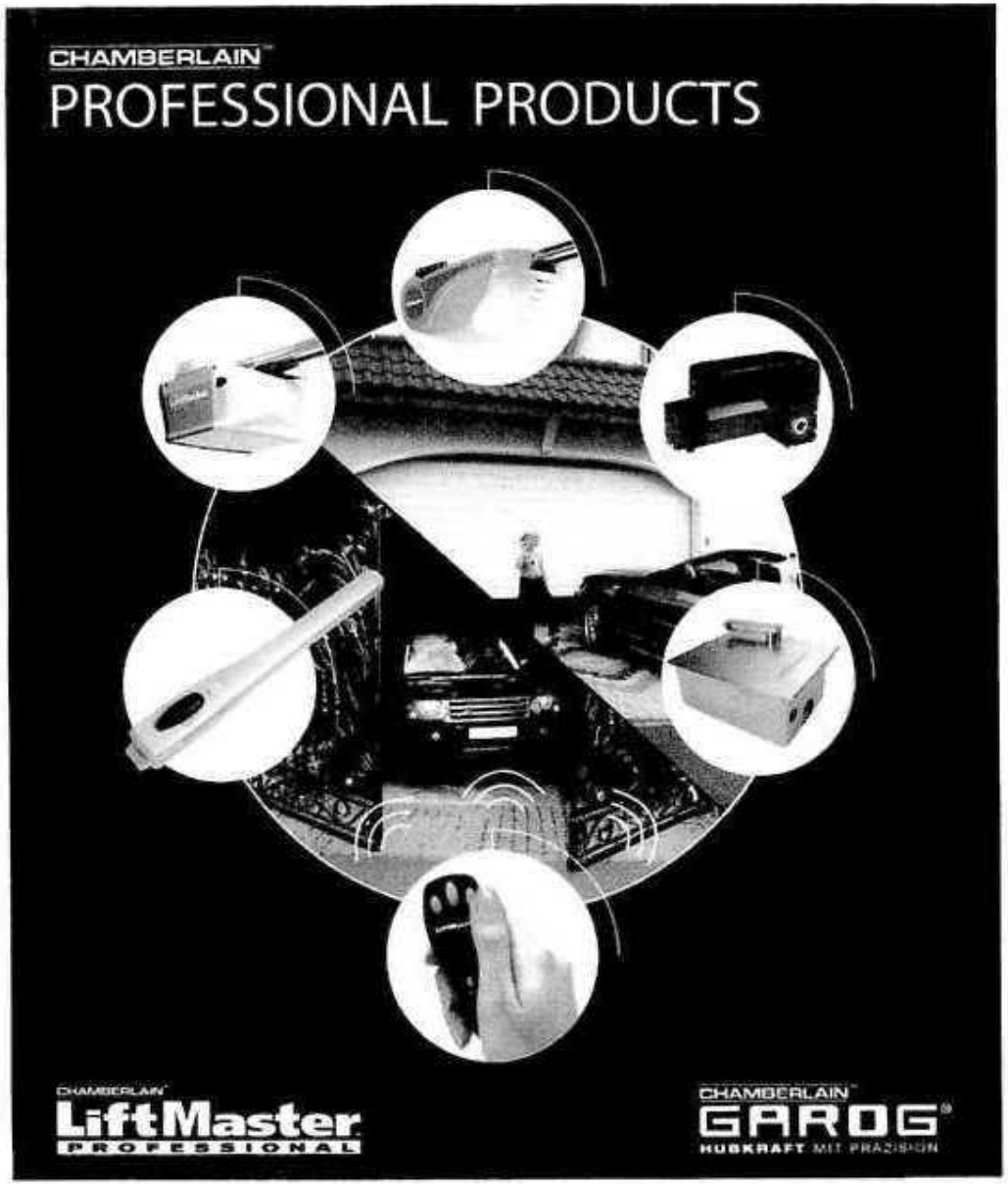


1. The wings should be closed and locked.

2. Press and release button L1 briefly (1 second), the wing opens.

   Note: If the wing closes instead of opening,
   the brown and black cables must be swapped on this motor.
   Switch off the power (restart), then start programming
   again from the beginning.

3. Press L1 again when the wing has reached the limit stop
   (+ let it buzz for two seconds). At this point the board thinks
   gate 2 is closing (you need to wait about 15 sec's in this time
   you will see no change in the gate or board)
   Then with out you doing anything the gate will start to close
   2 seconds after it gets to the fully closed stop press and
   release P1 this will stop motor running.



AT THIS POINT YOU HAVE THE GATE/S OPENING AND CLOSING IN A BASIC MODE WITH PHOTOCELLS FITTED AND WORKING.

FOR MORE SETTING AND ADJUSTMENTS PLEASE SEE THE MAIN FITTING INSTRUCTIONS.