

# LX900 PROGRAMMING AND OPERATION

## **WARNING**



**To reduce the risk of serious injury or death, follow these instructions carefully:**

- Read and follow ALL instructions.
- Keep fingers and other body parts away from all moving parts of the door and gate operator system while it is being operated.
- Keep the radio controls away from children. Do not allow children to play with the controls.
- Keep away from the door when it is in motion. Watch the door while it is moving until completely closed or opened.
- Do not cross the path of a moving door.
- Disable and locks and remove any ropes connected to the garage door to avoid entanglement and prevent damage to the system.
- Do not make repairs to cable, springs, or other hardware; call a trained door systems technician. The system is under extreme tension and can cause serious injury or death.
- Ensure that the door is properly operating and balanced. If not, call a trained door systems technician to make repairs.



### **MODES OF OPERATION**

This controller has three (3) different modes of operation B2, C2, and TS (Timer Secure). Factory default is B2 mode and the Timer To Close (TTC) is 0 seconds. Anytime the operator does not detect safety beams, it will automatically change to C2 mode. If the TTC is larger than 0 seconds, it will automatically change to TS mode. There are 7 fixed delays for TTC – 3, 15, 30, 45, 60, 90 and 180 seconds. To adjust the setting, hold in the TTC button (refer to diagram). Three LED's above the TTC button will indicate the current setting on the adjacent chart. After reaching 180 seconds, it will jump back to 0 seconds (default) and the operator will revert to B2 Mode.

#### **C2 Mode**

- Momentary press of OPEN will open door.
- Constant pressure required on CLOSE for the door to close.
- Single or three button transmitter will open or stop the door only.

#### **B2 Mode**

- Momentary press of OPEN or CLOSE will activate door.
- Single button - reverses a closing door, stops an opening door.
- Transmitters activate operator same as wall stations.

#### **TS Mode**

- Button function is the same as B2 mode.
- Includes Timer to Close (TTC) function. The door will automatically close after set time expires. Timer starts when door reaches the open limit. (When first entering TS mode or after power interruption, momentary press of OPEN will start timer if door is at OPEN limit.)

General Notes regarding Mode of Operations:

- After power interruption the first move is Open.
- STOP button works in all modes of operation. If the 3 button wall station is not connected to the Control board or there is no jumper between COM and STOP, the motor will not run.
- The Constant Pressure (CP) feature will work only from 3 and 1 button wired Wall Station
- The controller includes a Run Timer: a maximum amount of time the motor will run after receiving either open or close command. Factory default: 45 seconds. Not adjustable.
- Open override means that the door may be reversed while closing by activating an OPEN button without the need to use the STOP button first (for all 3 Modes).

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Programming a transmitter: To program a remote transmitter, press and hold the LEARN button for 3 seconds, the learn LED will turn ON and the operator will stay at LEARN mode for 15 seconds only. While in LEARN mode, press (any) button on the transmitter and notice that the LEARN LED will flash four (4) times, indicating that the transmitter has been programmed to the operator. The controller will learn up to 20 Lynx transmitters.

Erase all transmitters: To erase all remote transmitters, press and hold the LEARN button for at least 15 seconds. During this time observe that the learn LED will turn ON and, after about 10 seconds the LEARN LED will flash three (3) times indicating that all the transmitters have been erased from the operator.

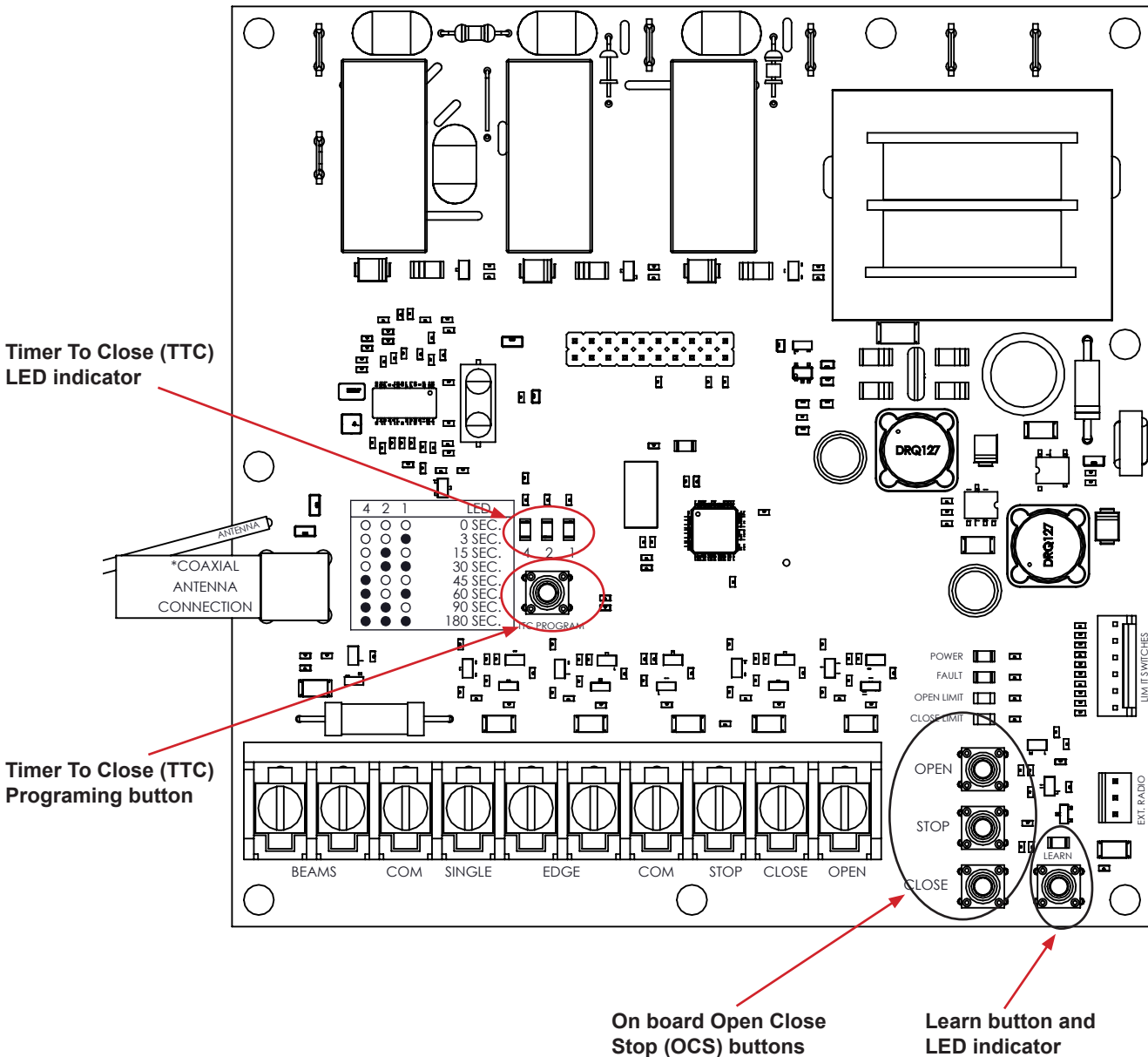


FIGURE 10