

C

OPTIONAL: Fine Tune Safety Offset Value

Safety Offset Value determines how easily the door Safety Reverses/Safety Stops when hitting an obstruction. In order to prevent "ghosting" on a big, badly sprung or worn out door, Safety Value needs to be set to a **higher value** (max.= **F5**); In order to achieve a more sensitive Safety Reversing, Safety Offset Value needs to be set to a **lower value** (min.= **F1**). Safety Offset Values can be fine tuned **at any time when there is NO MOTION**.

Fine Tune Safety Offset Value

1. In Standby, press **+** or **-**. The current Safety Offset Value is shown.

2. Press **+** to increase or **-** to decrease the value, **F1** being the most sensitive and **F5** being the least sensitive value.

3. To confirm new Safety Offset Value press **CONFIRM**.

4. To leave without changes wait 10 seconds or press **LEARN**.

+

-

88

LEARN

CONFIRM

Short Press: Enter Transmitter Setup Menu (see **F-3**)

Long Press (5 sec): Forced Relearn/Fine Tune (see **G** **LL** **CL**)

In Standby: Acts as Run Button (Open and Close Door)

In Setup Menus: Confirm Button and Courtesy Light both act as run buttons (Open, Stop, Close the door)

D

Control Panel Functions

In Learn Mode **LL**: Moves bullets in backwards or forwards direction.

In Standby: Increase or Decrease Force Offset Values

In Function Setup Menu: Scroll Functions and Values

In Transmitter Setup Menu: Scroll Functions

+

-

88

LEARN

CONFIRM

E

Transmitter Functions Ex Factory

1

2

3

4

1

Run Function

Alternately **Opens**, **Closes** or **Stops** the Garage Door.

2

Light / Transmitter Coding

Short Press - Switches Courtesy LED Light ON and OFF.
Long Press (5 sec) -Enter Transmitter Setup Menu. See **F-3** for details.

3

Vacant

4

Vacant

1

2

3

4

1

2

3

4

Battery Replacement

1

2

3

F

Transmitter Coding

1

Bulk Coding via Transmitter (setup as shown in **E**)

3

Assign Certain Functions to Certain Transmitter Buttons

5 sec

2x

1x

5 sec

Long press **Light Function** (Button 2 on pre-coded Transmitter) for 5 sec, Courtesy LED Light begins to flash. Press new Transmitter **twice**, Learning complete.

- Short press **LEARN** on Opener, → Use **+** and **-** to choose the desired function (see below).

-Short press Transmitter Button **twice**, → Learning complete.

2

Delete all Transmitters

1

2

3

4

Long press **Light Function** (Button 2 on pre-coded Transmitter) for 5 sec, Courtesy LED Light begins to flash. Press new Transmitter **twice**, Learning complete.

- Short press **LEARN** on Opener, → Long press 5 sec **CONFIRM** until light starts flashing, → Deleting complete.

60

Bulk Coding

(TX learns Functions as shown in **E**)

60

Ventilation / Holiday Mode Function

Puts Opener into dormant state if closed.

60

Run Function

Open/Stop/Close

60

Light Function

Controls Courtesy LED Light

60

Run Function/Auto Close Override

Open/Stop/Close, without Auto-Close

60

OPEN Function

Only OPENS Door

60

CLOSE Function

only CLOSES Door

G

Menu Functions

1. To Enter Function Setup Menu: press **+** and **-** at the same time.

2. Use **+** and **-** to scroll up or down through the functions.

3. Press **CONFIRM** to select the desired function.

4. Now choose value with **+** and **-**. Confirm chosen value by pressing **CONFIRM**.

5. To Exit Function Setup Menu at any time: Press **LEARN**.

Function	Description	Values
SB	Safety Photo Beam	0F Disable Safety Beam 28 Enable Safety Beam in CLOSE and OPEN Direction. 00 Enable Safety Beam in CLOSE Direction AA Enable Wireless Safety Beam in Close Direction Refer to Beam instruction sheet for installation and programing.
AC	Automatic Close Function Safety Beams 58 must be installed and enabled!	88 Safety Beam Function 58 not enabled 0F No Auto-Close If Safety Beam is activated by passing car or person: Door automatically closes after 5/15/30 sec. 05 5 sec / 30 sec 15 15 sec / 90 sec 30 30 sec / 180 sec If Safety Beam is NOT activated by passing car or person: Door automatically closes after 30/90/180 sec.
SP	Running Speed of Opener	HF High Speed 00 Tip Up Door Speed 88 Low Speed After setup, LL will display. Follow steps A-7-8 .
SS	Slow Stop Function	0F No Slow Stop 5H Short Slow Stop 68 Long Slow Stop After setup, LL will display. Follow steps A-7-8 .
LL	Courtesy Light illumination time	01 1 min 02 2 min 03 3 min
PR	Partial reverse / Full reverse	0F After Hitting Obstruction, Door will: Fully Reverse 00 After Hitting Obstruction, Door will: Partial Reverse
SR	Signal Reverse / Signal stop	0F At press TX in Close Direction, Door will: Stop 00 At press TX in Close Direction, Door will: Reverse
EE	Transmitter Delete	Select transmitter from number 1 to number 20 to be deleted. To select press "+" and "-". To complete choice Press Confirm button.
EE	Transmitter Enable	Select transmitter from number 1 to number 20 to be enabled. To select press "+" and "-". To complete choice Press Confirm button.
EE	Transmitter Disable	Select transmitter from number 1 to number 20 to be disabled. To select press "+" and "-". To complete choice Press Confirm button.
BS	Door Service Monitor	0F OFF 00 If Door is out of Balance, Light will flash during run to warn user
CP	Car Park Mode	0F OFF 00 Hard wired Accessories (Switch, CarLink, Card Readers, etc.) only trigger OPEN Function
FE	Maximum Run Time	30 Opener Stops after 30 sec Run Time 60 Opener Stops after 60 sec Run Time

H

Display Functions

Lo

Lock Mode: To Enable - Press "Lock Mode" key **Lo** in the mobile phone app - **Lo** is displayed. Once the door has been closed all transmitters and run buttons on the opener will be rendered inoperative. To Disable - Press "Lock Mode" or "Open" key to disable Lock Mode and return to normal function.

H6

Holiday Mode: To Enable - Turn on by pressing Holiday Mode key on the transmitter for 3 seconds- **H6** is displayed (see **F-3** to add function). Once the door has been closed all other transmitters and run buttons on the opener will be rendered inoperative. To Disable - Press Holiday Mode key on the transmitter or disable via mobile phone app.

FR

Factory Reset: Initiate Reset by pressing **LEARN** and power on at the same time until displays **FR**. Previously coded TX will not be deleted.

LL

Forced Relearn: Drive Door into ANY Position but CLOSE. Long press **LEARN** for 5 sec until display shows **LL**. See **A-7-8** for further instructions.

CL

Fine Tune CLOSE Position: Drive Door into CLOSE Position. Long press **LEARN** for 5 sec until display shows **CL**. See **B** for further instructions.

FL

Automatic Relearn: After 3 consecutive Safety Reverses/Safety Stops an Automatic Relearn of Force Values is triggered. During that cycle, **FL** is displayed.

I

Trouble Shooting

Alert/Error messages are displayed on the control panel whenever the Door/Opener encounters a problem. Please refer to the following table for suggested remedial actions.

A1

Alert: Safety Beams misaligned or damaged.
Fix: Check Safety Beam pilot light to ensure that beams are aligned. Check that wiring is intact and properly connected.
Important Note: To close door when beams are misaligned or damaged, press and hold "Confirm" button (located on Opener control panel) and release only once the door reaches the fully closed position.

A2

Alert: Wireless Safety Beam low battery warning.
Fix: Replace batteries.
Important Note: To close door when beams are misaligned or damaged or batteries are flat, press and hold "Confirm" button (located on Opener control panel) and release only once the door reaches the fully closed position.

A3

Alert: Door Service Monitor - indicates that door is out of balance.
Fix: Disengage opener from door and manually check if door is correctly balanced. A door is correctly balanced if it does not rise or fall more than 100mm when released at any point between fully open or fully closed positions. An out of balance door must only be serviced by a qualified door technician. Once the door has been rebalanced the opener forces and limits must be relearned.

A4

Alert : Run Time - Indicates that 30 sec Run Time limit has been reached.
Fix: Refer to Menu Functions section and increase Run Time to 60 sec.

A5

Alert : Exceed factory set maximum power level during Limit Learn Mode (LL).
Fix: Check spring balance of door. May suggest the door is too heavy for the opener.

A6

Alert: Safety Reverse during Closing cycle.
Fix: Check Door for any obstruction.

A7

Alert: Safety Stop during Opening cycle.
Fix: Check door for any obstruction and/or incorrect spring balance.

EE

Opener Error: Blown fuse.
Fix: Replace fuse with one of same type and current rating.
Important Note: This work should only be carried out by a qualified opener technician.

EE

Opener Error: Hall sensor signal not present.
Fix: Check that hall sensor connector is firmly plugged into main PCB. Replace hall sensor assembly if still found to be faulty.
Important Note: This work should only be carried out by a qualified opener technician.

J

Connection Plan

NO

24

COM

SB

Coax Antenna

Open/Stop/Close

Safety Photo Beam