LIFTMASTER GATE OPERATORS PROGRAMMING TREE: LA, AA, SL

VERSION 3.0 Valid from Software Rev. CGI20A1 V 4.3

Basic

AP Application

00	No application selected
01	Sliding gate, SL400
02	Sliding gate, SL600
03	Sliding gate, SL1000
04	Swing gate, one motor for AA250 application
05	Swing gate, two motors for AA250 application
06	Swing gate, one motor for LA250/LA300 application
07	Swing gate, two motors for LA250/LA300 application

d1 Direction Motor 1 LA

01	Motor 1 is moving in **closing** direction **(default)**
02	Motor 1 is moving in **opening** direction

Direction Motor 1 AA

01	Motor 1 is moving in closing direction, when installed on the **right-hand side**
02	Motor 1 is moving in closing direction, when installed on the **left-hand side (default)**

Direction Motor 1 SL

01	Motor is installed on **left hand side (default)**
02	Motor is installed on **right hand side**

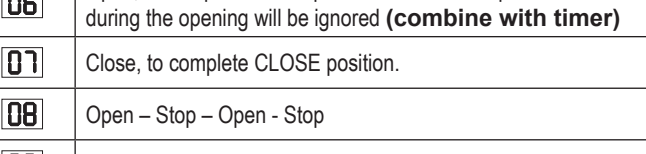
d2 Direction Motor 2 LA

01	Motor 2 is moving in **closing** direction **(default)**
02	Motor 2 is moving in **opening** direction

Direction Motor 2 AA

01	Motor 2 is moving in closing direction, when installed on the **right-hand side (default)**
02	Motor 2 is moving in closing direction, when installed on the **left-hand side**

LL Limit Learning



Advance

tr Transmitter

01	Residential Mode: Open – Close – Open
02	Standard Mode: Open – Stop – Close – Stop – Open **(default)**
03	Automatic with Stop Mode: Open – Stop – Close – Open
04	Car Park Mode: Open, to complete Open position. Additional command during the opening will be ignored

r1 r2 r3 Infrared Photocells Settings

01	IR active on CLOSE movement **(default)**
02	IR active on OPEN movement
03	IR is active on OPEN and CLOSE movement
04	IR active on CLOSE movement. TTC Override

i1 i2 i3 Input Settings

01	Open – Close – Open
02	Open – Stop – Close – Stop – Open (Default)
03	Open – Stop – Close – Open
04	Partial opening Motor 1 only
05	STOP (NC contact)
06	Open, to complete OPEN position. Additional Open command during the opening will be ignored **(combine with timer)**
07	Close, to complete CLOSE position.
08	Open – Stop – Open - Stop
09	Close – Stop – Close - Stop
10	Open, hold to run
11	Close, hold to run

Note: all Motor 2 functions are not active on SL units.

Pd Partial Opening Motor 1

	LA / AA	SL
01	50% opening travel	1.5 m opening travel
02	75% opening travel (**default)**	2 m opening travel **(default)**
03	100% opening travel	3 m opening travel

dO Delay Motor 2 in Open Direction (not for SL units)

00	no delay (both wings start opening at the same time)
01	1 second
02	2 seconds **(default)**
03	3 seconds
04	4 seconds

dC Delay Motor 1 in Close Direction (not for SL units)

00	no delay (both wings start in the same time)
01	1 second
02	2 seconds **(default)**
...	... seconds
20	20 seconds

tC Timer To Close

00	TTC not active **(default)**	05	1 minute
01	10 seconds	06	1.5 minutes
02	20 seconds	07	2 minutes
03	30 seconds	08	3 minutes
04	45 seconds	09	5 minutes

rt Reversal Time after Impact

01	2 seconds reversal and Stop **(default)**
02	Reversal back up to the end limit position
03	During Closing movement, upon impact gate reverses up to Open position. During Opening movement, upon impact gate reverses for 2 seconds and stops

EL E-Lock / Mag-Lock Settings

00	e-lock/mag-lock not installed **(default)**
01	e-lock active for 1 second
02	e-lock active for 2 seconds
03	e-lock active for 5 seconds
04	Magnetic lock, constantly active at gate CLOSED, constantly inactive during OPEN and CLOSE movement, gate OPEN or STOP position. Magnetic lock will be deactivated in Battery Back-up mode

rb Relief Motor 1 for E-Lock (not for SL units)

00	deactivated **(default)**
01	1 second activated
02	2 seconds activated

FL Flashing Light Settings

00	no flashing lamp installed
01	continuous 24V supply - for flashing lamp with own control board (FLA1-LED) **(default)**
02	interrupted 24V supply - for flashing lamp without own control board

PF Pre-Flashing

00	no pre-flashing **(default)**	03	3 seconds
01	1 second	04	4 seconds
02	2 seconds	05	5 seconds

SP Special Contact Settings

00	no activation **(default)**	05	1.5 minutes
01	15 seconds	06	2 minutes
02	30 seconds	07	3 minutes
03	45 seconds	08	4 minutes
04	1 minute	09	5 minutes

St Start Speed in Open and Close

00	deactivated **(default)**
01	Soft Start active: motors will accelerate gradually until they reach standard speed.
02	Hard Start active, motors will start at the regular Speed and for the first second the force sensor will not be considered.

Cn Maintenance Counter

00	no counter **(default)**	...	... cycles
01	1000 cycles	20	20000 cycles
02	2000 cycles		

PS **Password Setup**

00	No password selected **(default)**
01 ➡ 02 ➡ ➡ 99	Selection available

F1 **Force Motor 1 in OPEN Direction**

00	Standard force **(default)**	02	+30%
01	+15%	03	+50%

F2 **Force Motor 1 in CLOSE Direction**

00	Standard force **(default)**	02	+30%
01	+15%	03	+50%

F3 **Force Motor 2 in OPEN Direction (not for SL units)**

00	Standard force **(default)**	02	+30%
01	+15%	03	+50%

F4 **Force Motor 2 in CLOSE Direction (not for SL units)**

00	Standard force **(default)**	02	+30%
01	+15%	03	+50%

S1 **Speed Motors 1 & 2 in OPEN Direction**

00	Standard speed **(default)**	04	+50%
01	+10%	05	-10%
02	+20%	06	-20%
03	+30%		

S2 **Speed Motors 1 & 2 in CLOSE Direction**

00	Standard speed **(default)**	04	+50%
01	+10%	05	-10%
02	+20%	06	-20%
03	+30%		

SF **Soft-Stop Speed**

00	Standard speed **(default)**	04	-50%
01	-10%	05	+10%
02	-20%	06	+20%
03	-30%		

Fd **Factory Default**

00	no reset **(default)**
01	reset to the factory default settings

Sb **Stand-by**

00	deactivated
01	activated **(default)**

For operation with external accessories which require to be always active, Stand-by mode must be deactivated in the menu.

- Accessories connected to DC24V power supply to remain always active
- Maglock Lock
- BBU kit is installed

FE **Finish and Exit**