

# CHAMBERLAIN GATE OPERATORS PROGRAMMING TREE: CHLA, CHAA, CHSL

## Basic

|                       |           |  |
|-----------------------|-----------|--|
| <b>AP</b> Application | <b>00</b> | No application selected                        |
|                       | <b>01</b> | Sliding gate, CHSL400 application              |
|                       | <b>02</b> | Swing gate, one motor for CHAA250 application  |
|                       | <b>03</b> | Swing gate, two motors for CHAA250 application |
|                       | <b>04</b> | Swing gate, one motor for CHLA250 application  |
|                       | <b>05</b> | Swing gate, two motors for CHLA250 application |

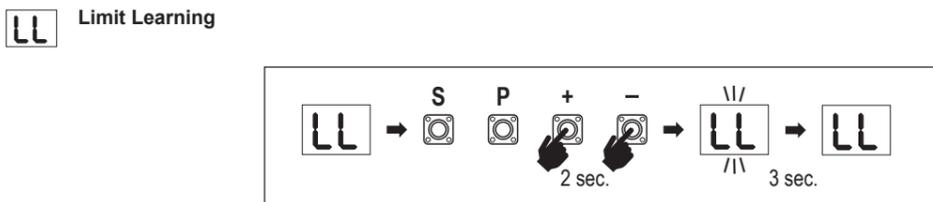
|                                  |           |   |
|----------------------------------|-----------|---|
| <b>d1</b> Direction Motor 1 CHLA | <b>01</b> | Motor 1 is moving in <b>closing</b> direction (default) |
|                                  | <b>02</b> | Motor 1 is moving in <b>opening</b> direction           |

|                        |           |   |
|------------------------|-----------|---|
| Direction Motor 1 CHAA | <b>01</b> | Motor 1 is moving in closing direction, when installed on the <b>right-hand side</b> .        |
|                        | <b>02</b> | Motor 1 is moving in closing direction, when installed on the <b>left-hand side (default)</b> |

|                        |           |  |
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| Direction Motor 1 CHSL | <b>01</b> | Motor is installed on <b>left hand side</b> (default). |
|                        | <b>02</b> | Motor is installed on <b>right hand side</b> .         |

|                                  |           |   |
|----------------------------------|-----------|---|
| <b>d2</b> Direction Motor 2 CHLA | <b>01</b> | Motor 2 is moving in <b>closing</b> direction (default) |
|                                  | <b>02</b> | Motor 2 is moving in <b>opening</b> direction           |

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| Direction Motor 2 CHAA | <b>01</b> | Motor 2 is moving in closing direction, when installed on the <b>right-hand side (default)</b> |
|                        | <b>02</b> | Motor 2 is moving in closing direction, when installed on the <b>left-hand side</b>            |



## Advance

|                       |           |   |
|-----------------------|-----------|---|
| <b>tr</b> Transmitter | <b>01</b> | Residential Mode: Open – Close – Open   |
|                       | <b>02</b> | Standard Mode: Open – Stop – Close – Stop – Open (Default)  |
|                       | <b>03</b> | Automatic with Stop Mode: Open – Stop – Close – Open  |
|                       | <b>04</b> | Car Park Mode: Open, to complete Open position. Additional command during the opening will be ignored |

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| <b>r1 r2 r3</b> Infrared Photocells Settings | <b>01</b> | IR active on CLOSE movement. (Default).    |
|  | <b>02</b> | IR active on OPEN movement.                |
|  | <b>03</b> | IR is active on OPEN and CLOSE movement.   |
|  | <b>04</b> | IR active on CLOSE movement. TTC Override. |

|                                |           |   |
|--------------------------------|-----------|---|
| <b>.1 .2 .3</b> Input Settings | <b>01</b> | Open – Close – Open                         |
|                                | <b>02</b> | Open – Stop – Close – Stop – Open (Default) |
|                                | <b>03</b> | Open – Stop – Close – Open                  |
|                                | <b>04</b> | Partial opening Motor 1 only                |
|                                | <b>05</b> | STOP (NC contact)                           |

|                                   |           |                              |                              |
|-----------------------------------|-----------|------------------------------|------------------------------|
| <b>Pd</b> Partial Opening Motor 1 |           | <b>CHLA / CHAA</b>           | <b>CHSL</b>                  |
|                                   | <b>01</b> | 50% opening travel           | 1.5 m opening travel         |
|                                   | <b>02</b> | 75% opening travel (default) | 2 m opening travel (default) |
|                                   | <b>03</b> | 100% opening travel          | 3 m opening travel           |

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

|  |           |  |
|--|-----------|--|
| <b>d0</b> Delay Motor 2 in Open Direction (not for SL units) | <b>00</b> | no delay (both wings start opening at the same time) |
|  | <b>01</b> | 1 second   |
|  | <b>02</b> | 2 seconds (Default)                                  |
|  | <b>03</b> | 3 seconds  |
|  | <b>04</b> | 4 seconds  |

|   |           |  |
|---|-----------|--|
| <b>dc</b> Delay Motor 1 in Close Direction (not for SL units) | <b>00</b> | no delay (both wings start in the same time) |
|   | <b>01</b> | 1 second                                     |
|   | <b>02</b> | 2 seconds (Default)                          |
|   | ...       | ... seconds                                  |
|   | <b>20</b> | 20 seconds                                   |

|                          |           |                          |           |             |
|--------------------------|-----------|--------------------------|-----------|-------------|
| <b>tc</b> Timer To Close | <b>00</b> | TTC not active (Default) | <b>05</b> | 1 minute    |
|                          | <b>01</b> | 10 seconds               | <b>06</b> | 1.5 minutes |
|                          | <b>02</b> | 20 seconds               | <b>07</b> | 2 minutes   |
|                          | <b>03</b> | 30 seconds               | <b>08</b> | 3 minutes   |
|                          | <b>04</b> | 45 seconds               | <b>09</b> | 5 minutes   |

|                                      |           |  |
|--------------------------------------|-----------|--|
| <b>rt</b> Reversal Time after Impact | <b>01</b> | 2 seconds reversal and Stop  |
|                                      | <b>02</b> | Reversal back up to the end limit position (Default)   |
|                                      | <b>03</b> | During Closing movement, upon impact gate reverses up to Open position. During Opening movement, upon impact gate reverses for 2 seconds and stops |

|                                      |           |   |
|--------------------------------------|-----------|---|
| <b>EL</b> E-Lock / Mag-Lock Settings | <b>00</b> | e-lock/mag-lock not installed (Default)   |
|                                      | <b>01</b> | e-lock active for 1 second prior to Motor 1 start in Open direction   |
|                                      | <b>02</b> | e-lock active for 2 seconds prior to Motor 1 start in Open direction  |
|                                      | <b>03</b> | 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. |

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|--|-----------|-----------------------|
| <b>rb</b> Relief Motor 1 for E-Lock (not for SL units) | <b>00</b> | deactivated (Default) |
|  | <b>01</b> | 1 second activated    |
|  | <b>02</b> | 2 seconds activated   |

|                                   |           |   |
|-----------------------------------|-----------|---|
| <b>FL</b> Flashing Light Settings | <b>00</b> | no flashing lamp installed (Default)  |
|                                   | <b>01</b> | continuous 24V supply - for flashing lamp with own control board (FLA1-LED) |
|                                   | <b>02</b> | interrupted 24V supply - for flashing lamp without own control board        |

|                        |           |                           |           |           |
|------------------------|-----------|---------------------------|-----------|-----------|
| <b>PF</b> Pre-Flashing | <b>00</b> | no pre-flashing (Default) | <b>03</b> | 3 seconds |
|                        | <b>01</b> | 1 second                  | <b>04</b> | 4 seconds |
|                        | <b>02</b> | 2 seconds                 | <b>05</b> | 5 seconds |

|                                    |           |                         |           |             |
|------------------------------------|-----------|-------------------------|-----------|-------------|
| <b>SP</b> Special Contact Settings | <b>00</b> | no activation (Default) | <b>05</b> | 1.5 minutes |
|                                    | <b>01</b> | 15 seconds              | <b>06</b> | 2 minutes   |
|                                    | <b>02</b> | 30 seconds              | <b>07</b> | 3 minutes   |
|                                    | <b>03</b> | 45 seconds              | <b>08</b> | 4 minutes   |
|                                    | <b>04</b> | 1 minute                | <b>09</b> | 5 minutes   |

|   |           |  |
|---|-----------|--|
| <b>St</b> Start Speed in Open and Close | <b>00</b> | deactivated (Default)  |
|   | <b>01</b> | Soft Start active: motors will accelerate gradually until they reach standard speed. |

|                               |           |                      |           |              |
|-------------------------------|-----------|----------------------|-----------|--------------|
| <b>Cn</b> Maintenance Counter | <b>00</b> | no counter (Default) | ...       | ... cycles   |
|                               | <b>01</b> | 1000 cycles          | <b>20</b> | 20000 cycles |
|                               | <b>02</b> | 2000 cycles          |           |              |

|                           |           |                                       |
|---------------------------|-----------|---------------------------------------|
| <b>Fd</b> Factory Default | <b>00</b> | no reset (Default)                    |
|                           | <b>01</b> | reset to the factory default settings |

|                           |  |
|---------------------------|--|
| <b>FE</b> Finish and Exit |  |
|---------------------------|--|