DUAL CONTROL UNIT INSTRUCTIONS

⚠️ **Attention:** it is possible to start programming only with the traffic lights turned off

Automatic mode - control units close to each other

Control unit 1	Control unit 2
Traffic light 1	Traffic light 2

1. Power both control units

2. Press the key 🔺PROG
3. Press + o – keys to select traffic light 1 (L1)
4. Press 🔺PROG to continue
5. Set the red time for both traffic lights (traffic light 1 and traffic light 2) with + o – keys
6. Press 🔺PROG to continue
7. Set the green time for the traffic light 1 with + o – keys
8. Press 🔺PROG to continue
9. Set the green time for the traffic light 2 with + o – keys
10. Press 🔺PROG to continue

11. Press the key 🔺PROG
12. Press + o – keys to select traffic light 2 (L2)
13. Press 🔺PROG 4 times

14. Press the key 🔁 on both control units at the same time in order to synchronize them (control unit 1 transmits "╠╠╠ " and control unit 2 receives "┤┤┤ ") A confirmation animation "⌊ ⌋" will be displayed on both control units.

15. Press the key ⏻ on both control units to turn on the traffic lights 1 and 2
Synchronization completed

DUAL CONTROL UNIT INSTRUCTIONS

> ⚠️ **Attention:** it is possible to start programming only with the traffic lights turned off

Manual mode – control units far from each other

Control unit 1
Traffic light 1

Control unit 2
Traffic light 2

1. Power both control units

Control unit 1

2. Press the key ▲ PROG
3. Press + o – keys to select traffic light 1 (L1)
4. Press ▲ PROG to continue
5. Set the red time for both traffic lights (traffic light 1 and traffic light 2) with + o – keys
6. Press ▲ PROG to continue
7. Set the green time for the traffic light 1 with + o – keys
8. Press ▲ PROG to continue
9. Set the green time for the traffic light 2 with + o – keys
10. Press ▲ PROG to continue

Control unit 2

11. Press the key ▲ PROG
12. Press + o – keys to select traffic light 2 (L2)
13. Press ▲ PROG to continue
2. Set the red time for both traffic lights (traffic light 1 and traffic light 2) with + o – keys (same time set on the control unit 1)
6. Press ▲ PROG to continue
14. Set the green time for the traffic light 1 with + o – keys (same time set on the control unit 1)
6. Press ▲ PROG to continue
14. Set the green time for the traffic light 2 with + o – keys (same time set on the control unit 1)
6. Press ▲ PROG to continue

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14. Press the key 🔄 on both control units (control unit 1 and control unit 2) at the same time in order to synchronize them

15. Press the key ⏻ on both control units to turn on the traffic lights 1 and 2

Synchronization completed

DUAL CONTROL UNIT COMMANDS

⏻ OFF 2 sec	Press to turn on the traffic lights Press and hold for 2 seconds to turn off the traffic lights
ON/OFF 2 sec	Activates / deactivates the yellow flashing mode by pressing and holding for 2 seconds
▲ PROG	Press with the traffic light off to start and continue the programming (**+** and **–** to modify)
🔄	**Automatic mode – control units close to each other** Press the key on both control units at the same time
🔄	**Manual mode – control units far from each other** Press the key on both control units at the same time **ATTENTION:** the time settings must be identical on both control units before starting the sync.

TRUBLESHOOTING

\bAt	Followed by a value, indicates the battery voltage
no SYn	(Yellow LEDs flashing) indicates that the control unit is not synchronized
SYn	(Green LED flashing) indicates that the control unit is synchronized
-||-	(All LEDs blink) indicates that a lantern is in open circuit
CC	(Flashing of all LEDs) indicates that a lantern is in short circuit
---	(All LEDs lit) indicates that there are no connection errors