Система удаленного контроля

CL-305

Руководство по эксплуатации

JABLOTRON
CREATING ALARMS

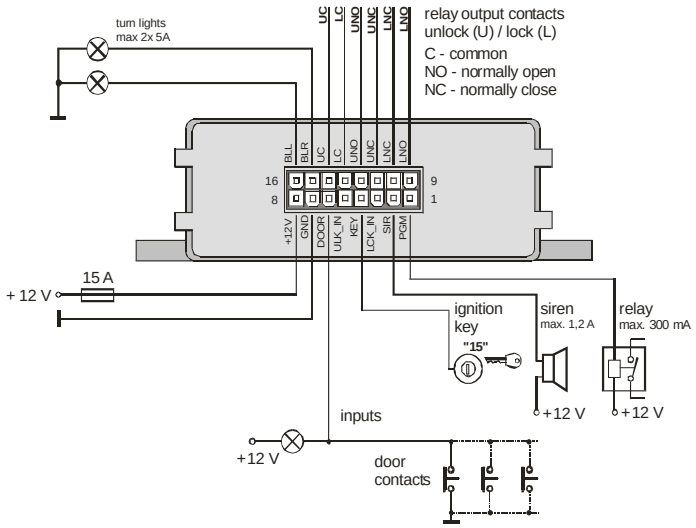
The CL-305 „Click“ remote control system for central locking

The CL-305 “Click” remote control system can be used for the control of an original central locking control unit, the remote control of powered windows, the servomotor of a fifth door, boot, etc. The remote control can also be used for directly controlling servomechanisms. It is suitable for cars with 12V and negative grounding. The main unit is designed for installation in the car interior. It is protected against reverse polarity and incorrect connector insertion. It is compatible with RC-4x remote controls. Communication is secured by floating codes. Up to four remote controls can be enrolled to the receiver.

The CL-305 Click remote control has selectable functions such as re-arming, selectable pulse lengths, and double pulses. The device can also be used as a simple security system to prevent intruders.

Installation:

SIR (yellow) – siren output, **switching to ground** (max.1.2A).
PGM (blue-white) – programmable output **switching to ground** (max. 300mA), we recommend providing the PGM output with an RA-12/30A power relay.
It can be set to two modes. (see parameter 7 in the table below):
- IMO, the electrical circuits (ignition, fuel pump etc.) of the car can be immobilized when the car is locked. If the car is unlocked by the remote control the immobilization relay copies the ignition key.
- BOOT, pressing the button generates a 0.5 sec signal to open the boot.
LCK_IN – NC
ULK_IN – NC
DOOR (grey) - door switch input. It reacts to connection to ground.
KEY (blue) – ignition key input (+12V).
BLR, BLL (pink) – to confirm locking/unlocking of the car by a confirmation signal from the turn lights (+12V, max. load 2 x 5A).
Power supply +12V (red) - connect directly to the battery
GND (black) – connect to the original grounding in the car.
LNO (red-green), LNC (black-green), LC (white-green) – power locking relay outputs (max. load 15A pulses).
UNO (red-blue), UNC (black-blue), UC (white-blue) – power unlocking relay (max. load 15A pulses).



Alarm function – intruder alarm signaling

The CL-305 Click remote control can be used as a simple car alarm. When the car is locked and the selectable ALARM function is set to YES, the DOOR and KEY inputs are monitored. (30 sec after locking the car). If they are activated, the SIR output will be activated for 30s and the turn lights will flash for 1 min.

If the car is unlocked by key then the alarm will be triggered. To stop the alarm it is necessary to unlock remotely. If there had been an intruder alarm during the time when the car was locked, three siren chirps will be heard and the turn lights will flash during disarming.

Operation

In the factory default setting (PGM output set to IMO mode) button of the remote control is used to lock the car and button to unlock the car. If the PGM output is set to BOOT mode, then the button is used for both locking and unlocking. When pressing the button, a 0.5 sec signal is generated to open the boot.

Enrollment of the remote controls

Up to 4 RC-4x remote controls can be enrolled to the CL305. All the controls must be enrolled to the unit in the same session. By enrolling a new remote control later, all the existing controls are erased.

- Unlock the car and disconnect the CL-305 from its power supply
- Switch the ignition key on, wait for 1 minute and reconnect the power supply.
- During a period of 30 sec. turn the ignition on and off 3 times, in 2 seconds the turn lights (flashers) will then give a long flash to confirm enrollment mode entry.
- Press any button on the remote control. Enrolling of the remote control is confirmed by a turn light flash.
- Enroll all the remote controls (up to four) successively.
- To finish enrolling, switch the ignition key off, the turn lights will then flash long.

Programmable functions

The CL-305 Click remote control has 8 programmable functions, described in the following table.

To enter programming mode:

- Unlock the car, **switch the ignition key off** and disconnect the control unit from the power supply,
- After 1 minute reconnect the control unit to the power supply,
- During a period of 30 sec. turn the ignition key on and off 5 times. In 2 seconds the turn lights (flashers) will flash once to confirm programming mode entry.
- Programming always starts in programming position 1.The status of the current parameter is indicated by the turn lights (lit or unlit). A parameter can be changed by pressing the button on the enrolled remote control
- To scroll to the next position switch shortly the ignition key on and off. The position is indicated by the number of turn light flashes
- To exit programming mode, go through all the parameters and turn the ignition on and off – it is confirmed by a long turn light flash (otherwise programming mode will be terminated automatically in 120 seconds)

Specifications:

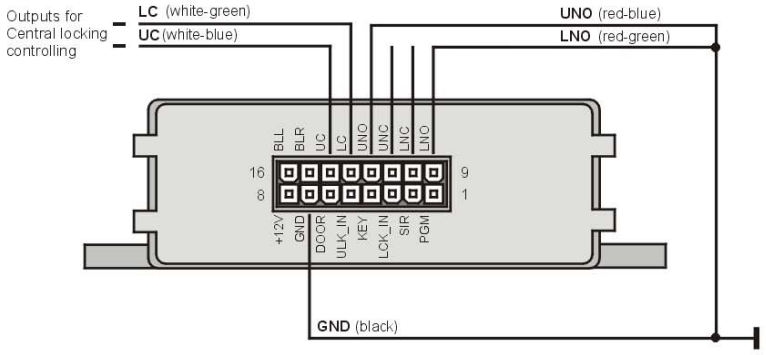
Power supply	9 - 15 V
Stand-by consumption	6 mA
Maximum current consumption	180 mA
Working temperature range	-40 to +85 °C
Enclosure	IP40

Position	Function	Turn lights		Description
		Unlit	Lit	
1.	Central locking	**ELEC**	PNEU	In ELEC mode, the pulse length is 0.5 sec. In PNEU mode, the pulse length is 4 sec. and parameters 2, 3 and 4 have no effect.
2.	WIND	**no**	yes	To prolong the last locking pulse to 30 sec.- only valid in ELEC mode. **This parameter must not be set to yes when the servomotors are directly connected to the CL-305**
3.	DLCK (double locking pulse)	**no**	yes	Double locking pulse (first 0.5sec. pulse – 1sec. pause – second 0.5sec. pulse). Only valid in ELEC mode
4.	DUNL (double unlocking pulse)	**no**	yes	Double unlocking pulse (first 0.5sec. pulse – 1sec. pause – second 0.5sec. pulse). Only valid in ELEC mode
5.	REARM	**no**	yes	If the car is not entered within 1 minute after unlocking, it will be automatically locked again.
6.	CHIRP	no	**yes**	Audible siren chirps (if locked one and if unlocked, two chirps can be heard)
7.	PGM	**IMO**	BOOT	PGM output can control the immobilization relay or central locking of a BOOT.
8.	ALARM	**no**	yes	Intruder alarm function

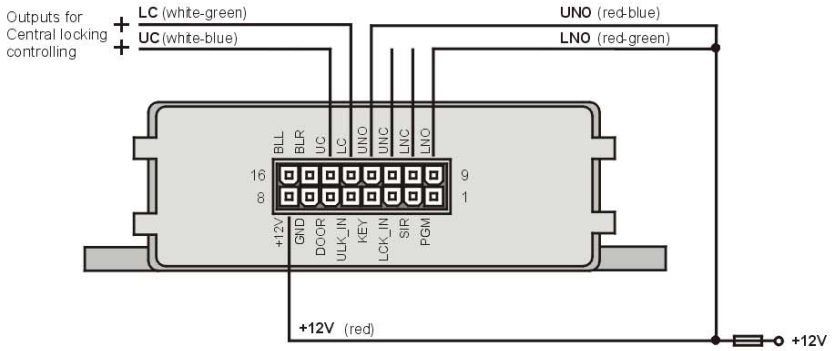
*Note: The **bold** values in the table are the factory default setting.*

EXAMPLES OF WIRING

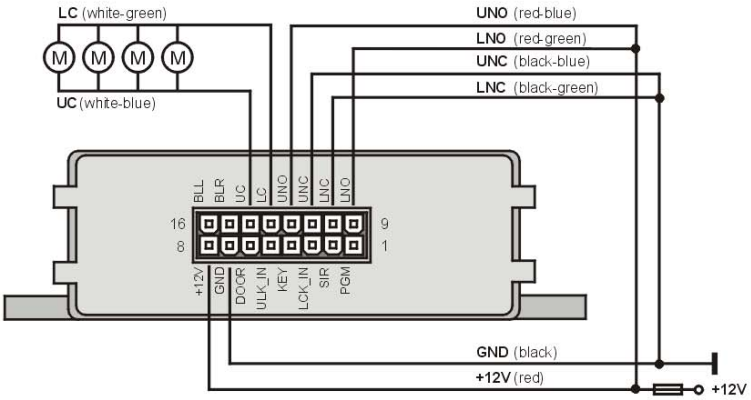
1. negative output's impulses



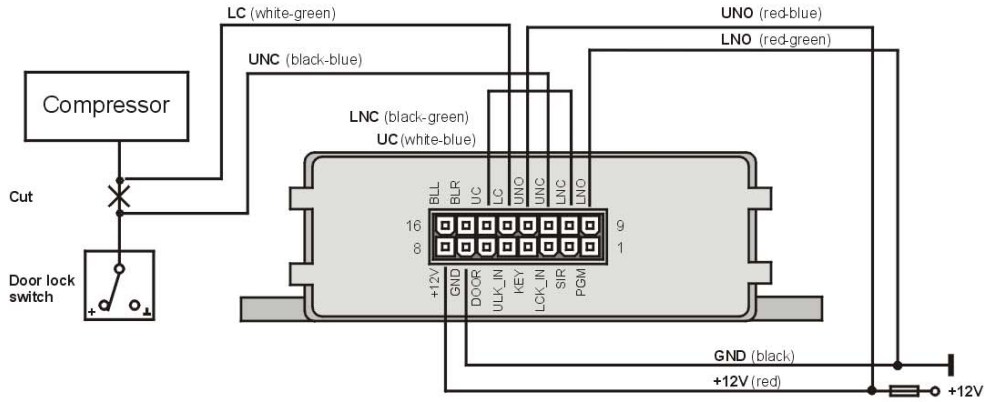
2. positive output's impulses



3. direct connection of CM-2 motors



4. pneumatic central locking



По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72
Астана +7(7172)727-132
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Единый адрес для всех регионов: jnb@nt-rt.ru || www.jablotron.nt-rt.ru