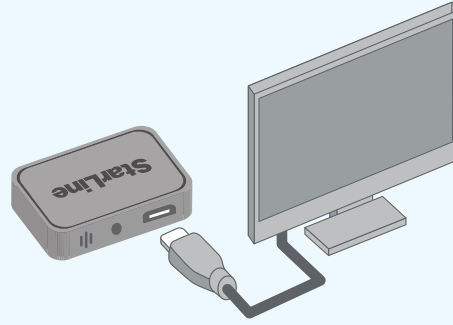


Visit [can.starline.ru](http://can.starline.ru) website to check StarLine Sigma 10 module compatibility with your vehicle. Visit [help.starline.ru/sigma](http://help.starline.ru/sigma) to download firmware upgrades.

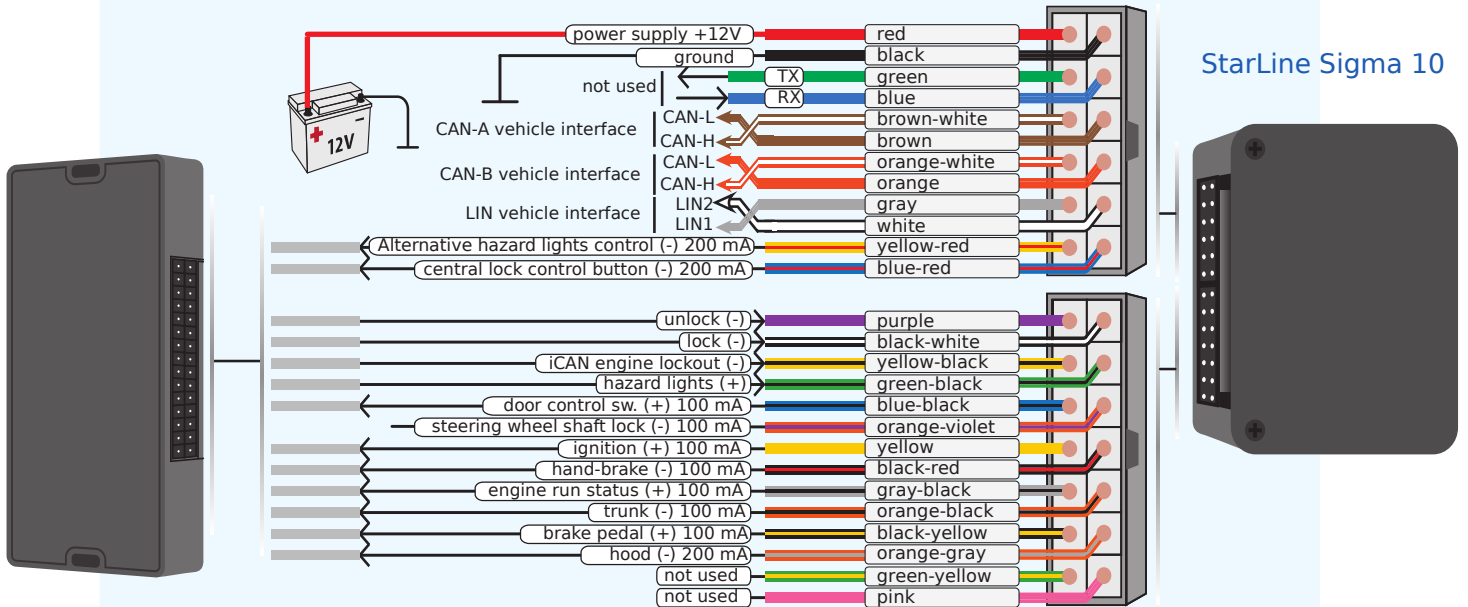


The manufacturer ScPA StarLine LLC reserves the right to make changes in design and specification without prior Notice. Find information about upgrades and actual manual version at [can.starline.ru](http://can.starline.ru)



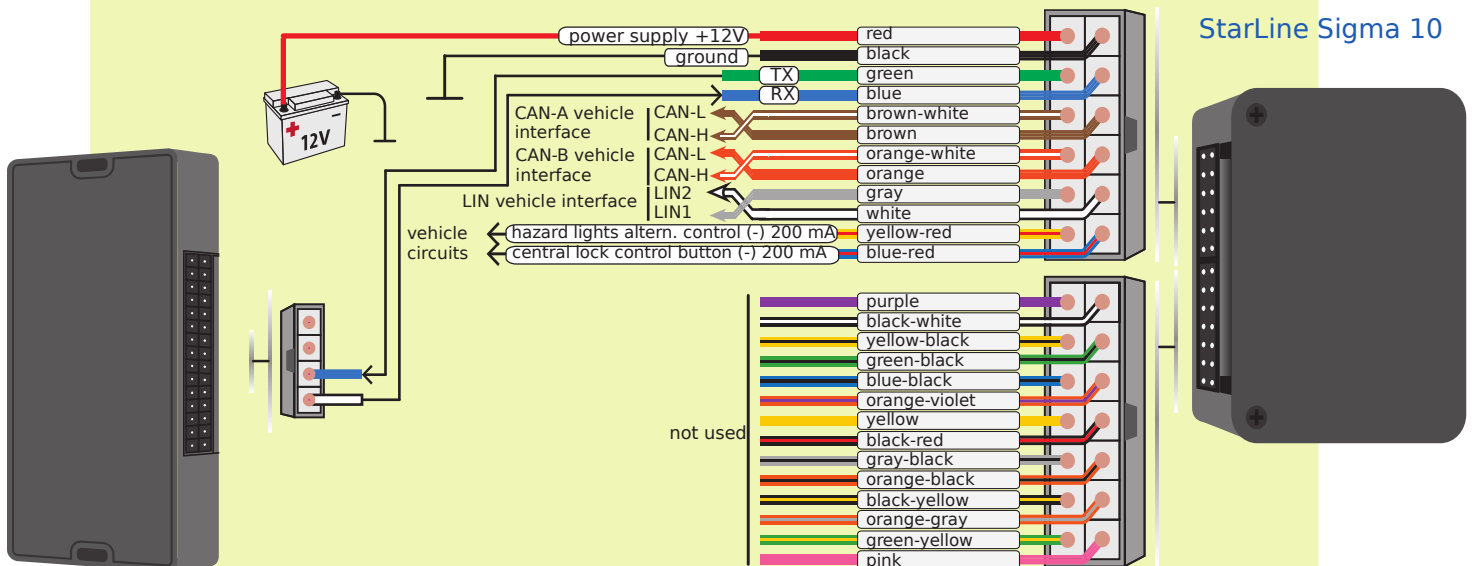
Use StarLine Master PC software to configure StarLine Sigma 10 module settings. Download at: [help.starline.ru/slm](http://help.starline.ru/slm)

### Diagram for StarLine Sigma 10 connection to an external control system

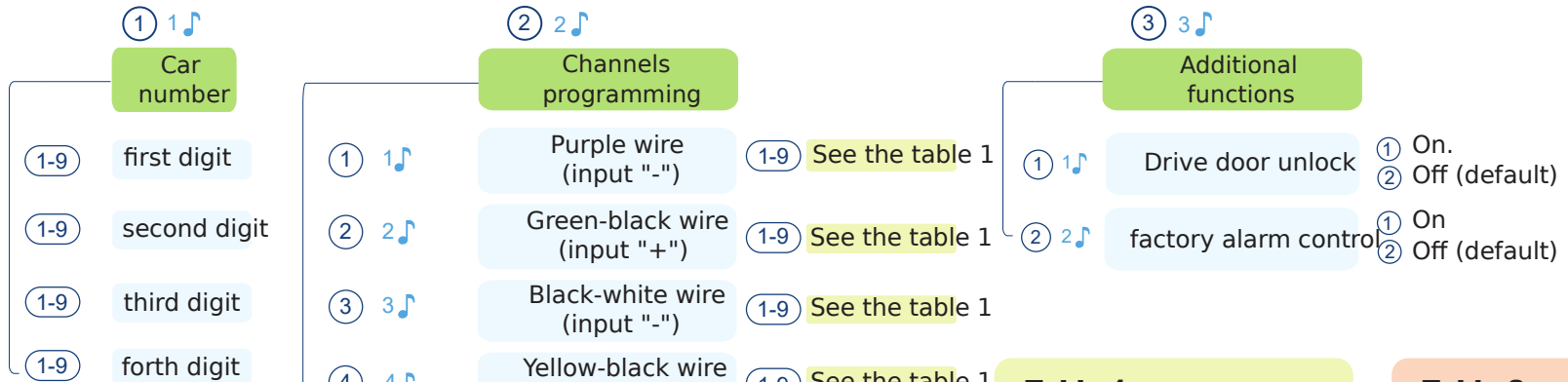


The channels functions are specified by default settings

### Diagram for StarLine Sigma 10 integration via SigmaBUS interface



The channels functions are specified by default settings



Menu «Channels programming» is available for units with firmware 1.2 or higher

### The programming menu access

1. When power on press and hold programming button. Keep the button pressed during following 5 beep sounds.

2. Release the button after sounds stopped. 4 long beep sounds will follow, confirming entering to the programming mode.

④ - Number of pressing

♫ - short siren signal

long siren signal

**Table 1.**  
Inputs configuration

#### Control functions

1	Hazard lights
2	Lock
3	Lock with "comfort closing"
4	Unlock
5	"Comfort closing"
6	Open trunk
7	iCAN engine lockout
8	Prestart heater

**Table 2.**  
Outputs configuration

#### Status signal

1	Brake pedal
2	Parking brake
3	Engine run status
4	Ignition
5	Doors
6	Driver door
7	Passenger doors
8	Trunk
9	Hood
10	Factory security system
11	ACC
12	Transmission (R)
13	Transmission (P)
14	Steering shaft lock (Toyota, Lexus)



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