

Master 2.36.0

Released 18.04.2024

New features

Added "External GSM/GPS module" mode

E96(V2)

Support for "External GSM/GPS module" mode has been added to StarLine E96v2 security systems (with serial numbers E96V2 S...) for joint operation with StarLine M66v2 or StarLine GSM+GPS Master 6v2 with firmware version 2.35.0 or higher.

Added support for parking heater (preheater) control in M66v2

M66(V2)

Support for parking heater (preheater) control has been added in tracker M66v2.

Channels and CAN	General settings	Engine start	Autostart	Engine blocking	Flexible logic	Telematics	Se	<	>
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Control parking heater (preheater) ☒

Start type of preheater	<input checked="" type="radio"/> Not used
Control preheater state	<input type="radio"/> Start by impulse, stop by impulse
Max preheater activating time, sec	<input type="radio"/> Start by pulse, stop automatic
Preheater operation time, min	<input type="radio"/> Start by potential
Activate preheater before remote start	<input type="radio"/> CAN/LIN
Activate preheater before autostart	<input type="radio"/> Webasto via data bus
Temperature to activate preheater before autostart / remote start, ° C	<input type="radio"/> Eberspächer via data bus
Temperature to run automatic / remote start, ° C	<input type="radio"/> Xin Long YT-F-C-12-W via data bus
Temperature to stop preheater, ° C	<input type="radio"/> A100 via digital bus

Control of Xin Long WATER heater (Model YT-F-C-12-W) supported when connected into the cut of signal wire with between timer and heater control unit with an external

relay. Two wires must be used to connect. On "Channels and CAN" tab, set "A100 parking heater control through external relay" on the green or blue wire and connect it to the negative terminal of external relay coil that control the break in the signal wire. Assign "Xin Long YT-F-C-12-W via data bus (control unit)" on white-black wire and connect it to normally closed (NC) terminal of external relay. Connect common contact to the heater control unit, and normally closed (NC) contact to the timer. On "Engine Start" tab, in the "Parking heater (preheater)" section, enable "Control parking heater (preheater)". For the "Start type of preheater" parameter, select "Xin Long YT-F-C-12-W via data bus".

Setting example:

The top screenshot shows the 'Channels and CAN' tab. It has a 'RESET CHANNELS' button and a table for channel configuration. The table has two rows, both for 'Xin Long YT-F-C-12-W parking heater control through external relay' with a current of 0.2 A.

Channel	Wire Color	Function	Current
1.	green	Xin Long YT-F-C-12-W parking heater control through external relay	0.2 A
2.	dark blue	Xin Long YT-F-C-12-W parking heater control through external relay	0.2 A

The bottom screenshot shows the 'Engine start' tab. It has a 'Parking heater (preheater)' section with three settings:

- Control parking heater (preheater)**: ☒
- Start type of preheater**: Xin Long YT-F-C-12-W via data bus
- Control preheater state**: Start control

Added "Smart comfort" feature

A90, A90BT, AS90, E96(V2) KZ, E96(V2), GEN7, GEN7(V2), S96(V2)

Selected "Smart Comfort" features will be activated during remote start and auto start by timer. Supported settings depend on vehicle trim and functions available CAN bus control. The corresponding features must be configured in the CAN interfaces or channels.

Channels and CAN
General settings
Remote start
Autostart
Engine blocking
Flexible logic
Telematics

Smart comfort

Steering wheel heater
☐

Windows and mirrors heater
☐

Seats heater
☐

Seats ventilation
☐

Climate control temperature
☐ CAN-A

Climate control temperature, °C
22

AUTO mode control
☐ CAN-A

Channels and CAN
General settings
Remote start
Autostart
Engine blocking
Flexible logic
Telematics

RESET CHANNELS

X1 (Main connector)

2.		black-white	Not set	
3.		black-red	Engine block...	
4.		grey-black	Not set	
5.		pink	Not set	
6.		purple	Not set	
7.		grey	Siren	
8.		yellow-black	Not set	
9.		yellow-red	Not set	
10.		dark blue	Not set	
12.		yellow-white	Not set	
13.		green-yellow	Not set	
14.		yellow	Not set	
15.		dark blue-red	Not set	
16.		orange-white	Not set	
17.		orange-purple	Not set	
18.		dark blue-black	Not set	
19.		orange-gray	Not set	
20.		green	Not set	

X2 (CAN-LIN and Start power module)

1.		orange-white	Not set
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Parking heater (preheater) control
? ☐

Parking heater (preheater) stop
? ☐

Engine start
i ☐ CAN-A

Starter
☐ CAN-A

Immobilizer data bypass (iKey)
? ☐ CAN-B

Steering wheel heater
☒ CAN-A

Seats heater
i ☒ CAN-A

Seats ventilation
i ☒ CAN-A

Windows and mirrors heater
i ☒ CAN-A

Horn control
☐ CAN-A

Low beam switch Off
? ☐

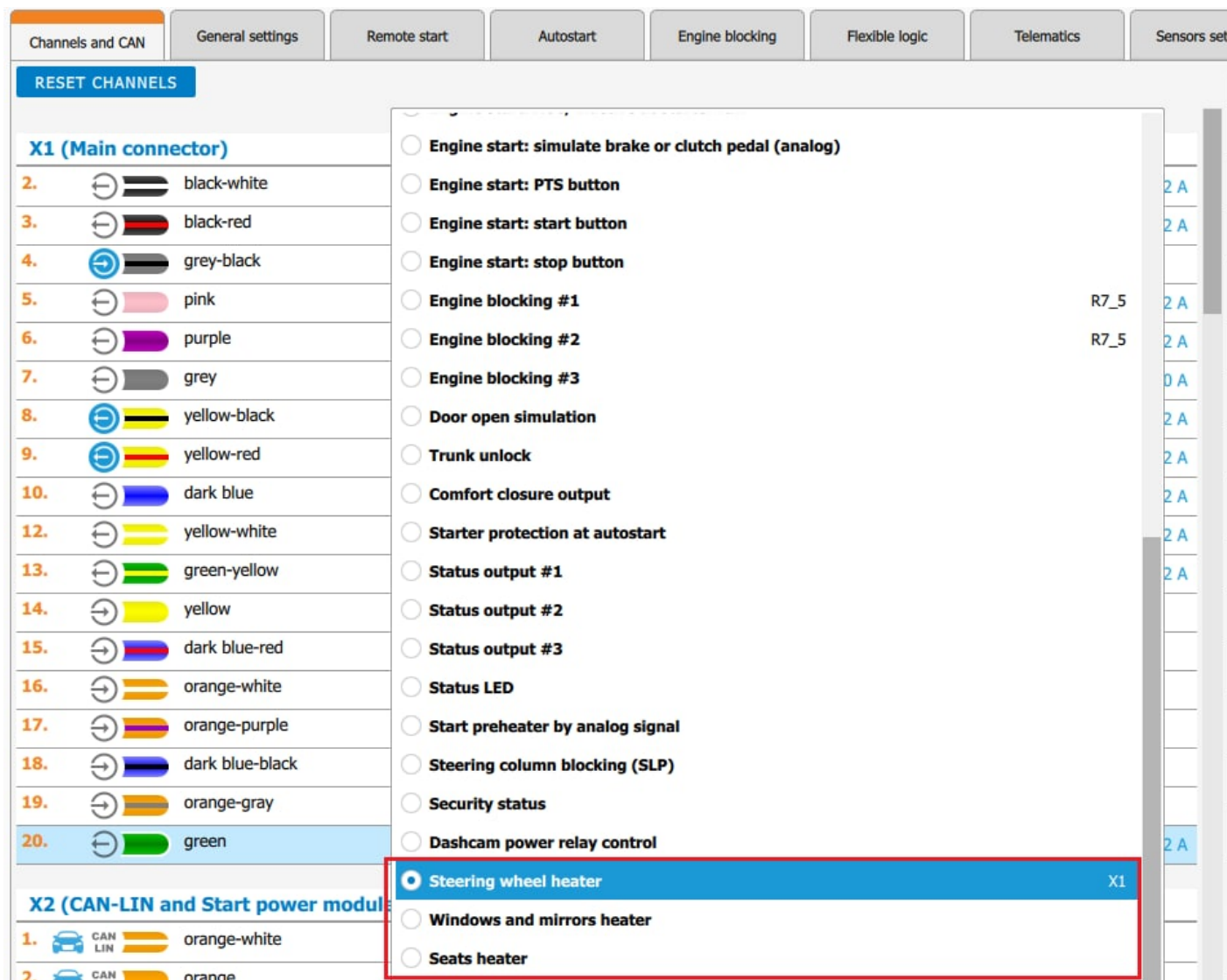
Sunroof closure
☐ CAN-A

i-STOP control
? ☐

Charge port control
? ☐

Climate control
? ☐

Climate control temperature
☒ CAN-A



Fixed bugs

No

Known bugs

No