

Master 2.33.1

Released 18.07.2023

New features

Feature	GEN7	GEN7(v2)	E96(v2)	S96(v2)
Bluetooth data exchange protocol optimization	●	●	●	●
Xin Long YT-F-C-12-W parking heater control support	●	●	●	●
Accelerometer data processing filter optimization			●	●

Bluetooth data exchange protocol optimized

GEN7 GEN7(V2) E96(V2) S96(V2)

The data exchange protocol has been optimized for changing settings via StarLine 2 mobile app over Bluetooth or through an external GSM-GPS module.

Xin Long YT-F-C-12-W parking heater control support added

GEN7 GEN7(V2) E96(V2) S96(V2)

Control and monitoring of the Xin Long YT-F-C-12-W parking heater control via digital bus has been added. Supported when connected into the break of signal wire between timer and heater control unit.

Use two wires: grey and white or white-blue and white-green to connect.

In StarLine Master program set one wire as "Xin Long YT-F-C-12-W parking heater control via data bus (timer)", and the second - "Xin Long YT-F-C-12-W parking heater control via data bus (control module)".

On "Engine Start" tab, in "Parking heater (preheater)" section, enable "Control parking heater (preheater)". For "Start type of preheater" parameter set "Xin Long YT-F-C-12-W via data bus" option.

Setting example:

RESET CHANNELS		
9.	 gray-white	Xin Long YT-F-C-12-W parking heater control via data bus (timer) ▼
10.	 white	Xin Long YT-F-C-12-W parking heater control via data bus (control module) ▼

Parking heater (preheater)	
Control parking heater (preheater)	<input checked="" type="checkbox"/>
Start type of preheater	Xin Long YT-F-C-12-W via data bus ▼
Control preheater state	Start control ▼

Optimization of accelerometer data processing filter

E96(V2) S96(V2)

Optimization of the filter processing data transmitted by the accelerometer has been completed.

Fixed bugs

1. **2.32.2** **M18PRO(V2) M66(V2)** Universal output 3 option added.

Known bugs

1. **2.X.X** **S96(V2)** The orange-black wire is non-functional in input mode on units ES96V2P..

**This firmware is for security systems for serial numbers GEN7 S..., E96V2 S...,E96V2P S..., ES96 S...,ES96P S..., except for E96V2L S... and ES96L S...*