

WAIL/YELP/HILO/HORN



37064-00 CS AZUR SPA FOR: 30W INTL: WAIL/YELP/HILO/HORN

37068-00 CS AZUR SPA FOR: 150W INTL: WAIL/YELP/HILO/HORN

IDENTIFICATION: GT-1135-MLTPX Index A
CODE: 37203-00
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ENGLISH

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CUSTOMER SERVICE

For all technical information, please contact STANDBY-FRANCE CUSTOMER SERVICE is at your disposal:

- Website: <https://standbygroup.com/fr> Support section
- Email: support-fr@standbygroup.com
- Phone number: +33 (0)2.54.702.702

Our service is available Monday through Friday
from 8:30 a.m. to 12 p.m. and from 1:30 p.m. to 5 p.m. (Fridays until 4 p.m.)

As part of our continuous improvement strategy, our staff are available to listen to your comments about the installation and our equipment.

1. FOREWORD

LIMITS OF LIABILITY

The products have been developed in accordance with current standards and regulations. The information contained in the technical documentation takes into account the state of the art as well as the knowledge and experience accumulated over many years.

STANDBY-FRANCE is in no way liable for damage or consequences resulting from:

- Failure to comply with the information provided in the product documentation
- Non-compliant use of the product
- Installation and implementation of products by unqualified personnel
- Modifications made on the user's or operator's own authority
- Technical modifications not submitted to and approved by STANDBY-FRANCE
- Use of spare parts not approved by STANDBY-FRANCE

NOTE: THE GRAPHIC REPRESENTATIONS IN THIS DOCUMENT ARE NOT CONTRACTUAL.

INSTALLER'S RESPONSIBILITIES

The installation of the equipment on a vehicle is the sole responsibility of the installer.



Only personnel responsible for the installation are authorized to enter the work area.

The installer determines the appropriate methods and equipment for the situation in order to deliver a complete installation that is connected and installed in accordance with best practices.



Only informed or qualified personnel are able to carry out all or part of the installation of the equipment.

Informed personnel: Under the supervision of the installer, a person who is informed of the task to be performed and the potential dangers associated with it.

Qualified personnel: Under the supervision of the installer, a person who, through their knowledge, training, and experience, is able to carry out the installation while recognizing and avoiding the potential hazards of the operation.



The installation must be carried out using appropriate means of access and work platforms.



Never stare at the lights.

PORT DES EPI
OBLIGATOIRE

Wearing the appropriate PPE is mandatory. (Safety shoes, helmet, handling gloves)

STANDBY-FRANCE accepts no responsibility for any faults that may arise from the definition of the installation system, any reinforcements, roof drilling, the condition and quality of the installation surfaces, the use of the manufacturer's anchor points, or the definition of the system's power supply and protection on the vehicle's power source.

RESPONSIBILITIES OF THE USER AND OPERATOR

STANDBY-FRANCE products are professional equipment that must be used for this purpose only. Their use is subject to legal obligations in terms of workplace safety, which the operator must comply with. This applies to safety and accident prevention regulations as well as environmental protection rules. The use of this road equipment is subject to compliance with the rules defined by the highway code.

Operator's obligations:

- Keep up to date with current regulations concerning occupational safety
- Carry out a risk analysis of the specific working conditions at the site of operation
- Adapt user training to regulations, standards, and conditions of use
- Regularly check, when using the equipment, that the ISE rules in force comply with the safety rules and standards in force
- Ensure that operators have read and understood the equipment user manual.
- Ensure that users are regularly trained in the use of the equipment and informed of the dangers associated with its use.
- Provide personnel with the protective equipment associated with the operation and ensure that it is used.

It is the operator's responsibility to:

- To carry out corrective and preventive maintenance on the equipment
- Ensure that safety devices are checked regularly

2. COMPOSITION

- A HANDY control panel



- A HANDY control panel bracket for the dashboard



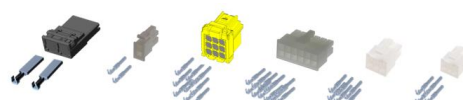
- Dashboard interface



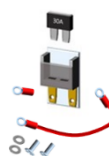
- A CCS 486 power module.



- A kit of connectors and clips.



- A 30A fuse kit.



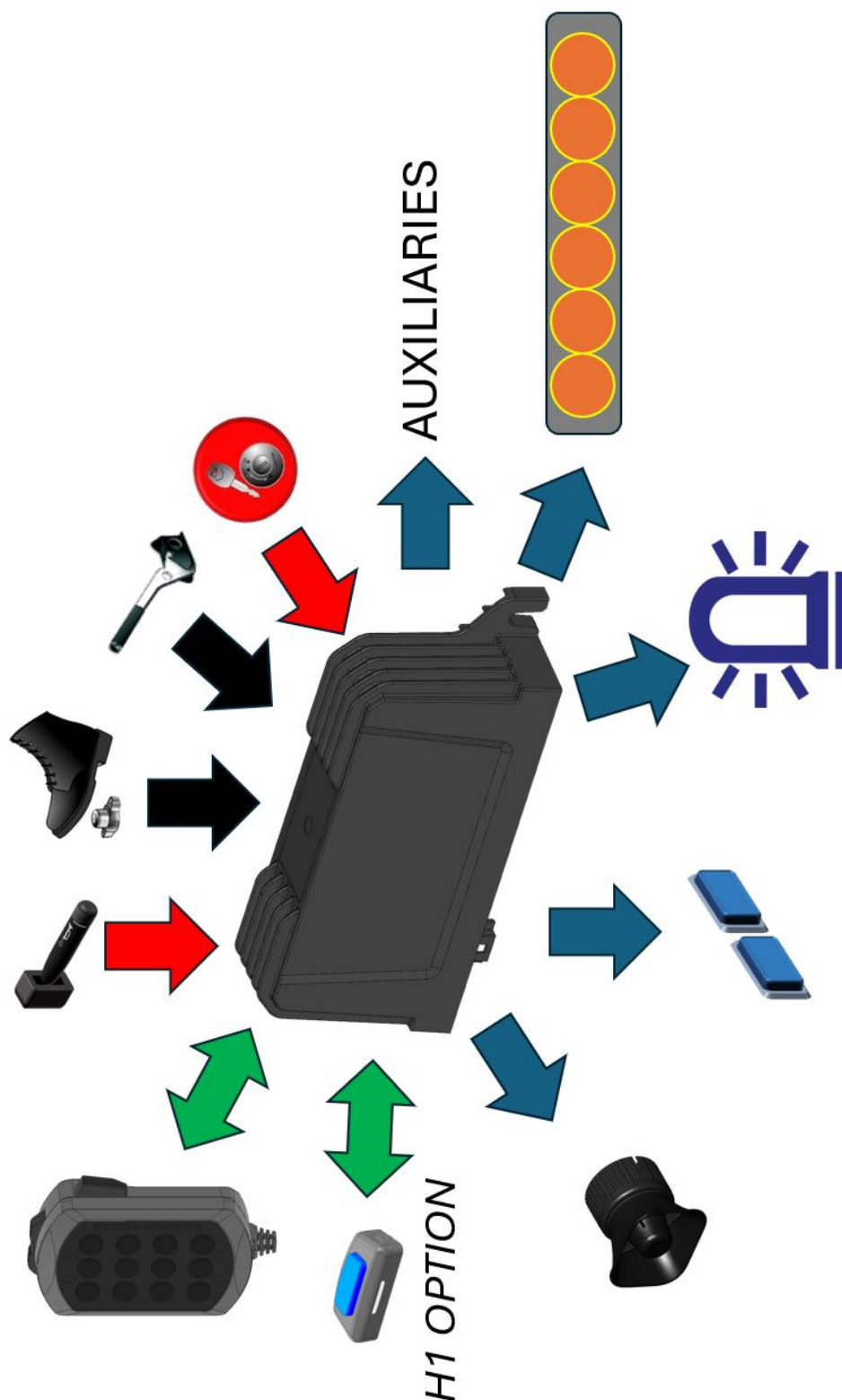
- A 4.5m communication bus.



- A double-sided mounting bracket



3. SYNOPTIC

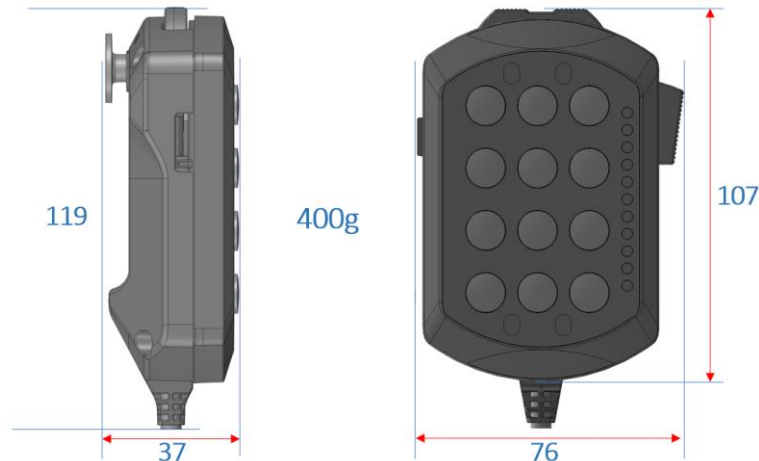


The set comes with the necessary connector kit, the 30A fuse and fuse holder, and the CAN bus cable connecting the control panel to the 486 SPA power module.

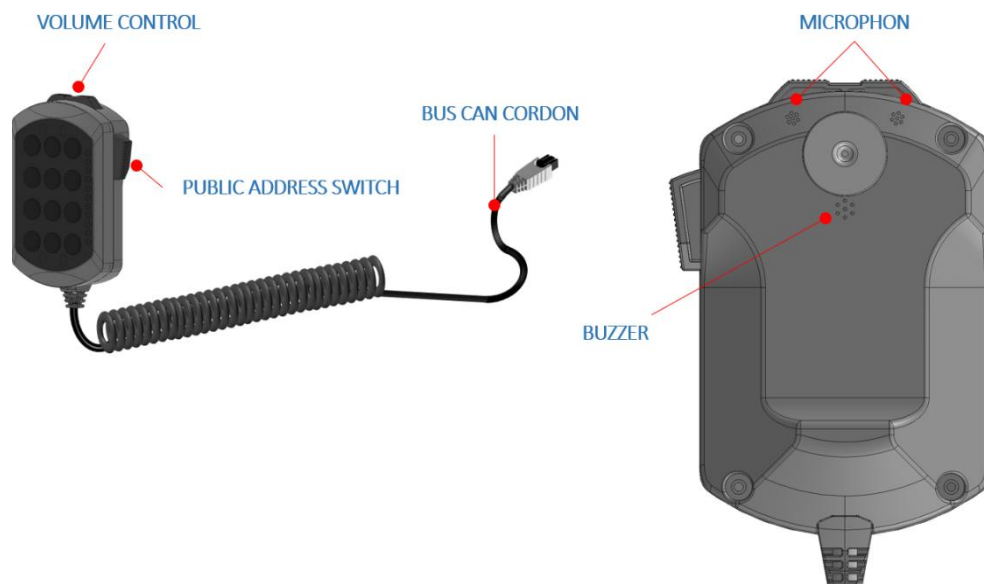
4. FEATURES

4.1. CONTROL PANEL

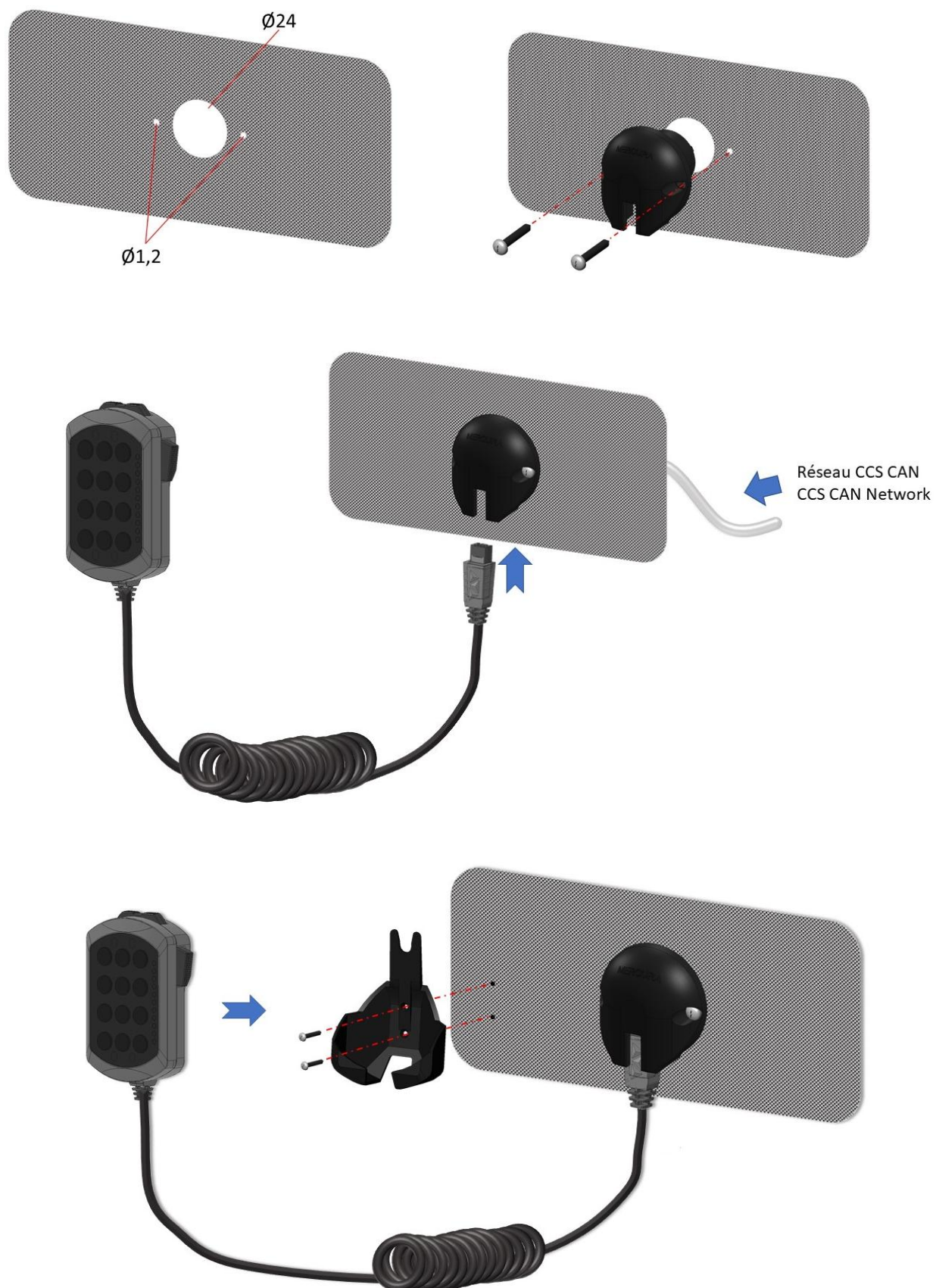
The Handy CAN control panel is a control/command interface that allows you to control the various modules and interfaces on the CAN Standby network.



- 12 V POWER SUPPLY VIA CAN BUS
- MINIMUM CONSUMPTION 40 mA
- MAXIMUM POWER CONSUMPTION: 160 mA
- OPERATING TEMPERATURE FROM -40°C TO +85°C
- R10 APPROVAL No. "E2*10R03*11026
- CISPR25 (2008): CLASS 5 IN RADIATION; CLASS 5 IN CONDUCTION
- IP42 ACCORDING TO NF EN 60529
- IK08 ACCORDING TO NF EN 50102



- "E" marking Regulation R10 No. "E2*10R*11026
- CISPR25 (2008): Class 5 in radiated; Class 5 in conducted
- µSD memory card reader Class 6 or 10 up to 8GB
- Recording of messages in "WAV" format in mono sampled at 16 bits for 20.8 kHz and a size of 40 KB/sec



4.2.CCS 486 SPA POWER MODULE

The 486 SPA unit provides multi-tone siren (1 to 4) and public address (PA) functions and has power outputs (15A).

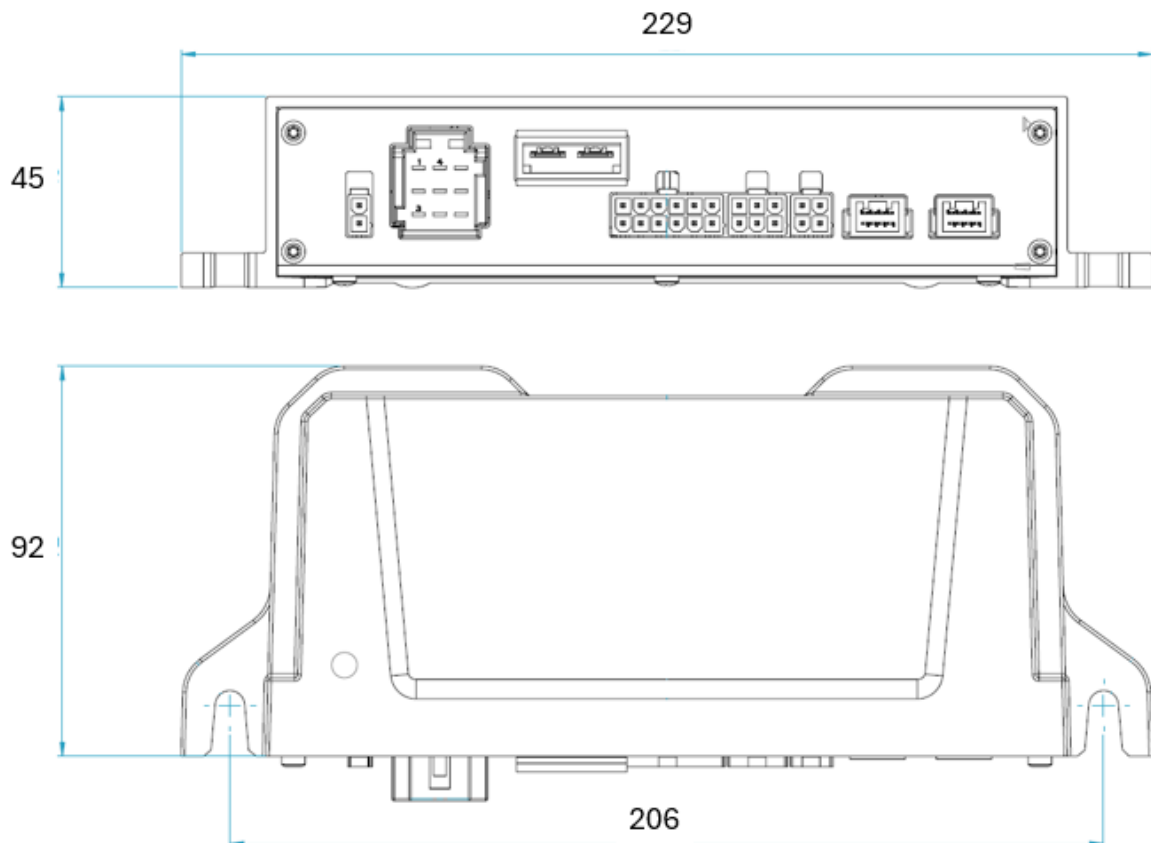
It has a regulated (12.5V) and filtered output for powering radios or other equipment sensitive to micro-cuts and battery voltage variations, particularly during the vehicle start-up phase (eliminating the risk of radio reset).

All outputs are protected against short circuits.

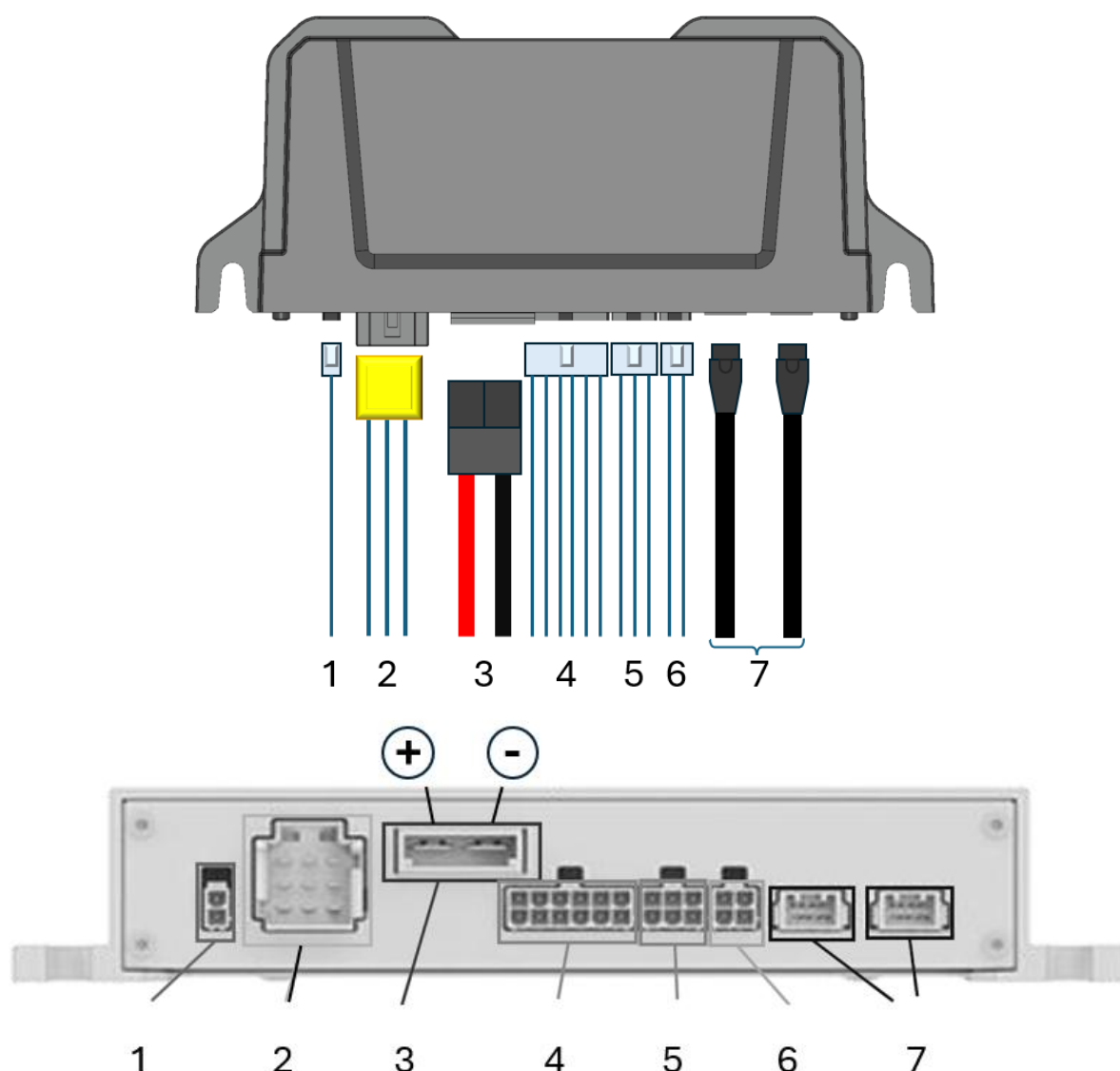
The unit self-protects in the event of prolonged siren operation at very high ambient temperatures (e.g., +85° ambient).

- Degraded mode: internal temperature >95°C --> siren switches to standard night mode
- Degraded mode reset: internal temperature <75°C or OFF/ON SPA

The unit is protected against polarity reversal.



- POWER SUPPLY FROM MAINS **12V BATTERY ONLY**
- MINIMUM CONSUMPTION 90 mA
- MAXIMUM LOAD WITH STANDARD BOX: 80A
- OPERATING TEMPERATURE FROM -40°C TO +85°C
- EMC APPROVAL IN ACCORDANCE WITH REGULATION 10R06: No. "E2 06 11026

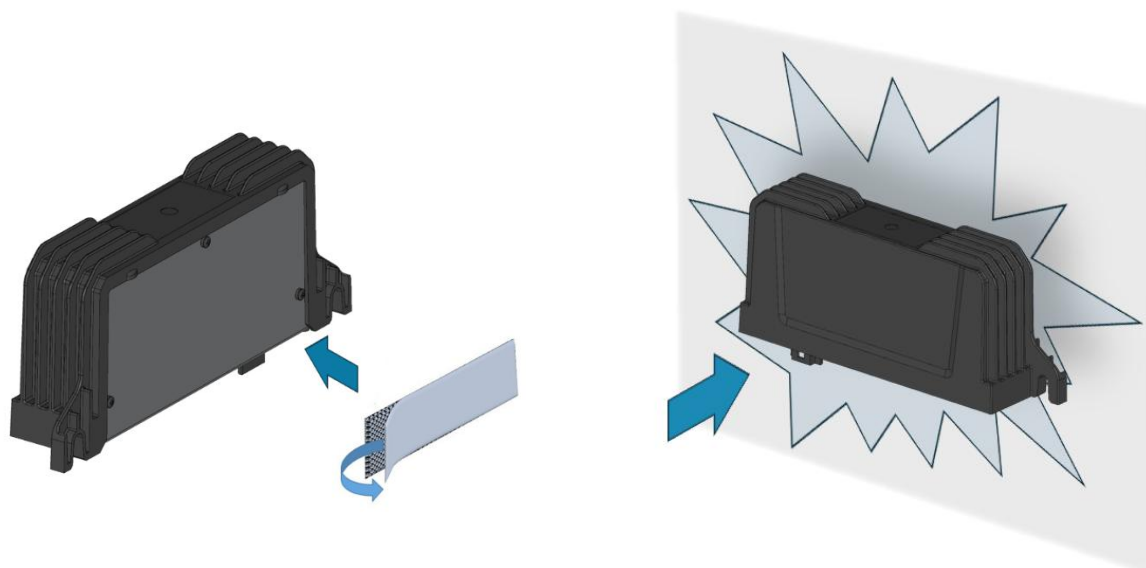


1. 2-pin Minifit connector (speaker output)
2. 9-pin MCP connector (high-power outputs: 15A)
3. Power connector
4. 12-pin Minifit connector (medium power outputs: 3A)
5. 6-pin Minifit connector (low power outputs: 1A +Bat or ground)
6. 4-pin Minifit connector (logic inputs to +Bat or ground & wake-up function)
7. CAN bus socket (x2) – The two sockets are identical and can be connected in either direction.

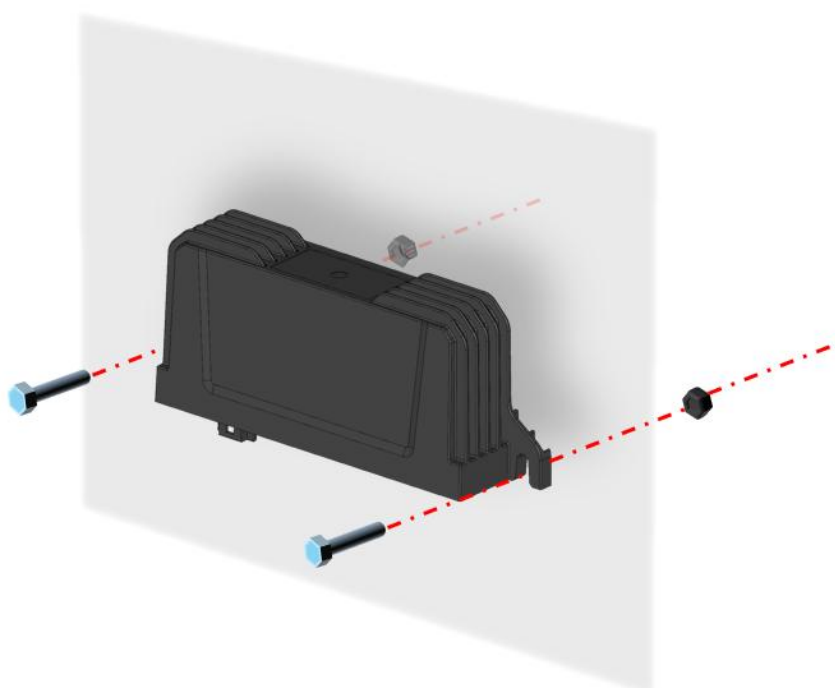
!

INSTALLATION ONLY INSIDE THE VEHICLE

4.2.1. INSTALLATION METHOD NO. 1: DOUBLE-SIDED TAPE



4.2.2. INSTALLATION METHOD NO. 2: SCREWING

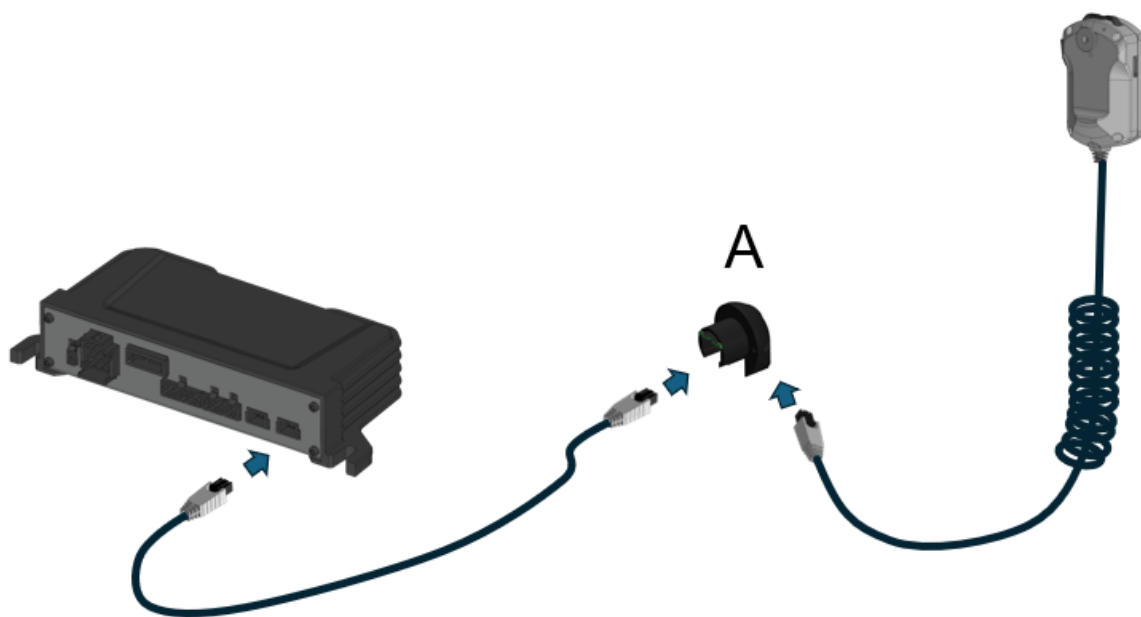


Ø7 Maximum

!
SCREWS NOT SUPPLIED. ADAPT TO THE TYPE OF SURFACE INSIDE THE VEHICLE.

5. WIRING

5.1. CAN BUS HARNESS

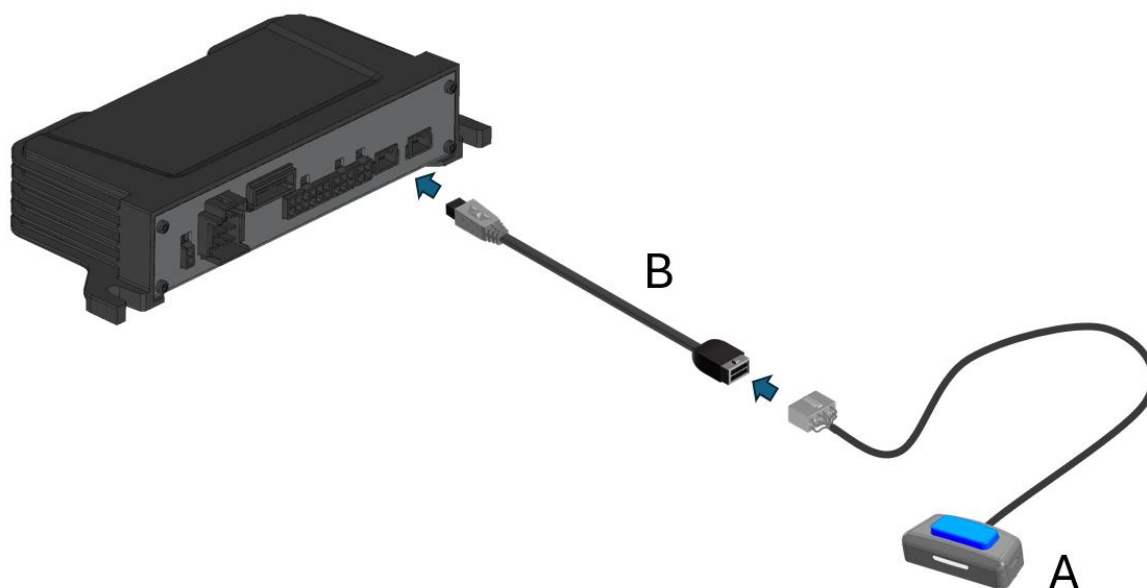


A: Dashboard interface

The length of the CAN BUS harnesses may vary depending on the configurations (depending on the options chosen).

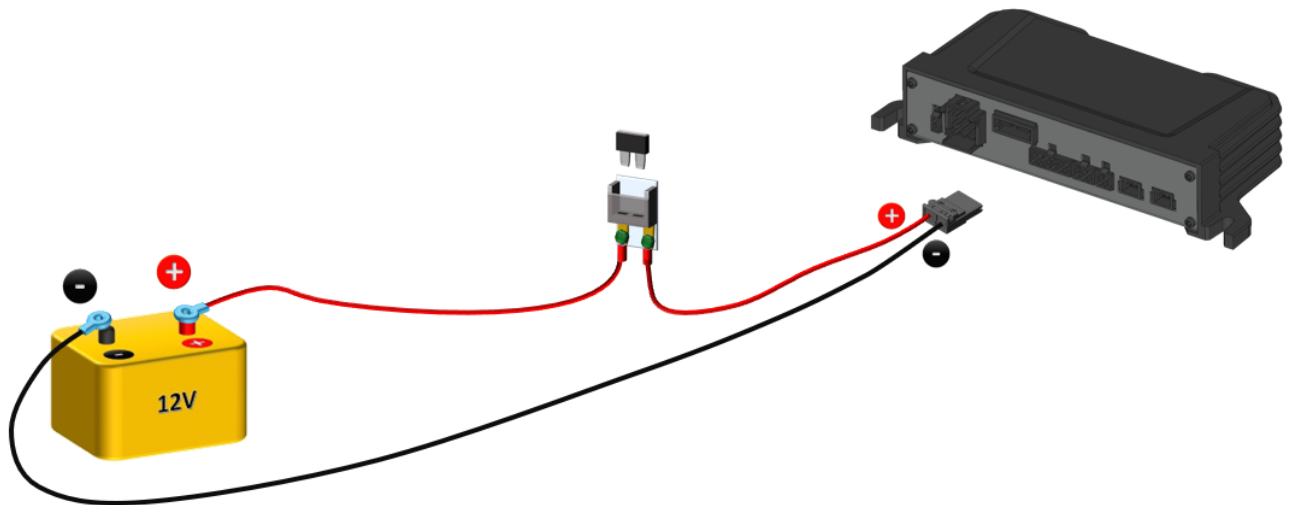
5.2. H1 BUTTON OPTION

Not included



- A. H1 emergency button (30665)
- B. BUS adapter

5.3. POWER SUPPLY



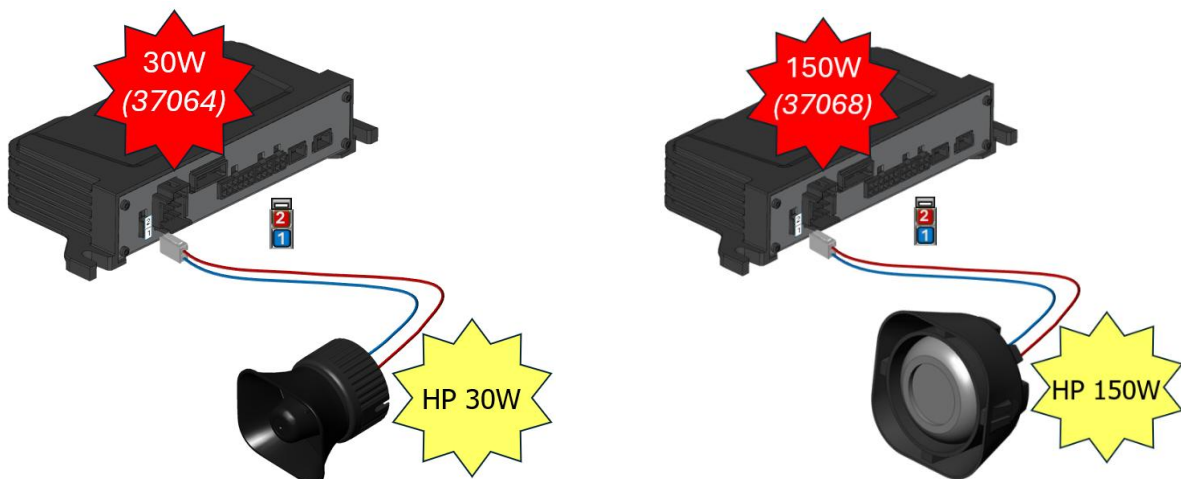
The fuse has a rating of 30A.

NOTE: The control box is powered via the CAN BUS harness.

5.4. SPEAKER CONNECTION

The CCS 486SPA module is factory-set for the associated STANDBY speaker type, which is sold separately.

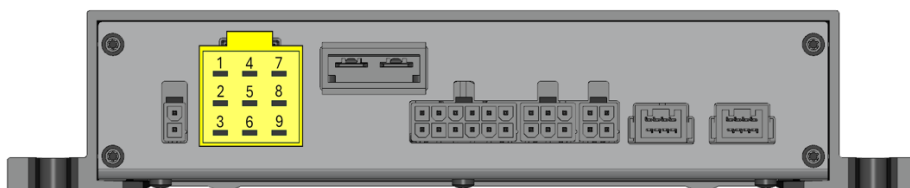
NEVER REPLACE THE SPEAKER WITH ONE OF DIFFERENT POWER RATING, AS THIS MAY DAMAGE THE INSTALLATION.



*AS THE AUDIO SIGNAL IS AN ALTERNATING SIGNAL, THE POLARITY OF THE CONNECTION IS IRRELEVANT.

5.5. OUTPUT CONNECTIONS

5.5.1. 9-WAY CONNECTOR: 15A HIGH-POWER OUTPUTS

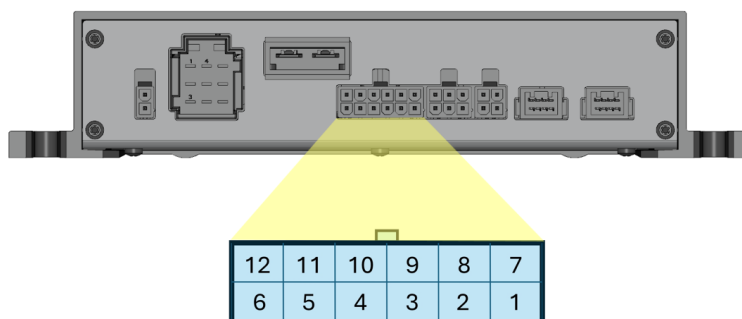


Pins 2, 5, and 8 are ground pins. They can be shared by two outputs, provided that the output power is respected.

| | |
|-------|------------------------|
| 1 | Front blue light no. 1 |
| 4 | Front blue light no. 2 |
| 7 | Rear blue light no. 1 |
| 6 '+' | Rear blue light no. 2 |
| 9 '-' | |
| 3 | Radio |

*The radio output is a stabilized power output

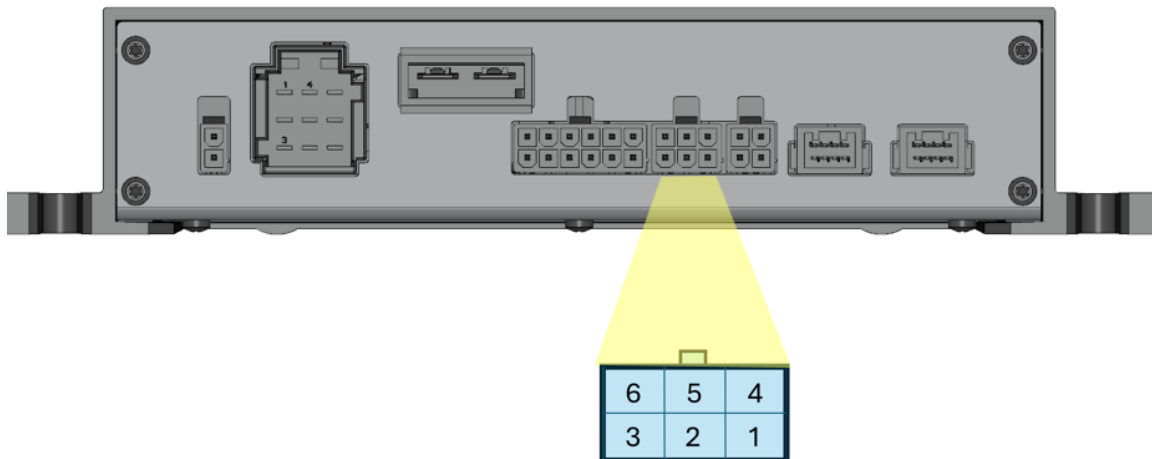
5.5.2. 12-WAY CONNECTOR: MEDIUM POWER OUTPUTS 3A



Pins 3, 4, 9, and 10 are ground pins. They can be shared by two outputs, taking into account the power of the outputs.

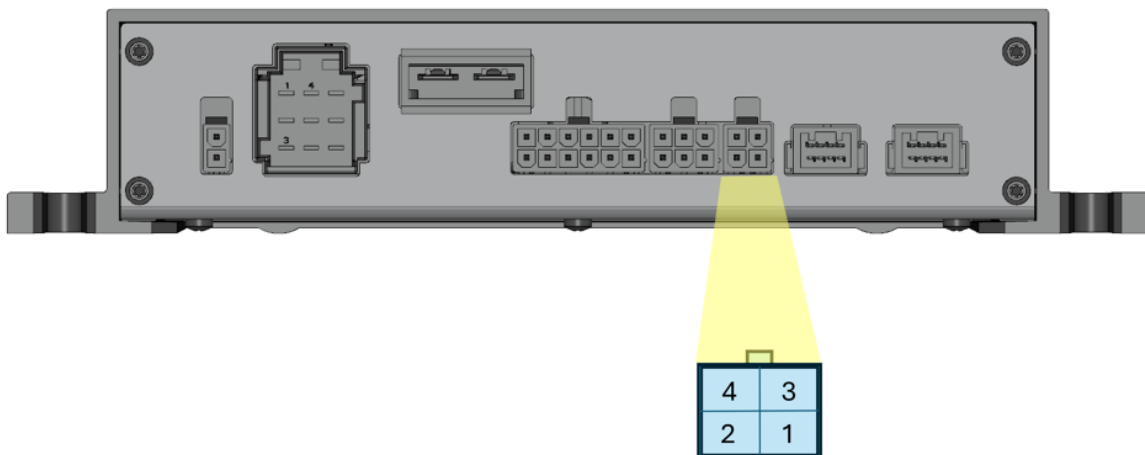
| | |
|----|-------------------------|
| 1 | Grill Lamps |
| 2 | Right stage light |
| 5 | Left stage light |
| 6 | Front stage light |
| 7 | Permanent power supply |
| 8 | Orange rotating beacon |
| 11 | Cruise control function |
| 12 | Auxiliary radio |

5.5.3. 6-WAY CONNECTOR: LOW POWER OUTPUT +/-1A



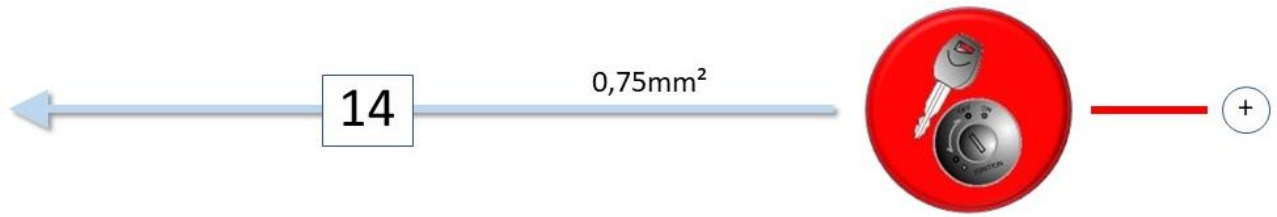
| | |
|---|----------------------------------|
| 1 | Warning Control (+) |
| 2 | Right scroll control (+) |
| 3 | Left scroll command (+) |
| 4 | Orange two-color control (+) |
| 5 | Not used |
| 6 | Night control Class 2 lights (-) |

5.6. CONNECTION OF INPUTS



| | |
|---|------------------------------|
| 1 | + Ignition |
| 2 | Handbrake Information (-) |
| 3 | Pedal for the pedalboard (-) |
| 4 | Horn Information (+) |

5.7. WIRING « + IGNITION »

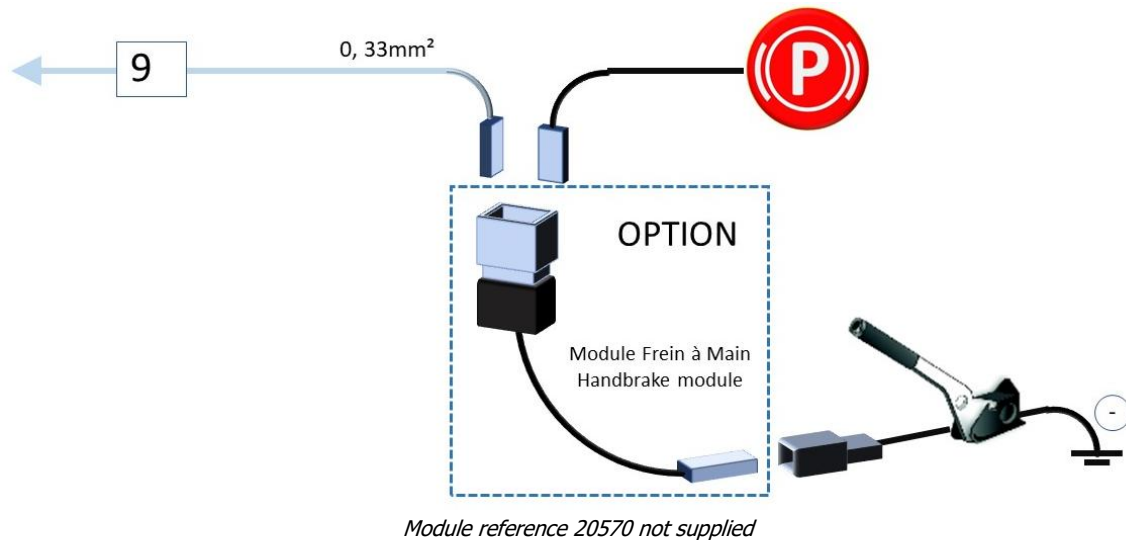


The «+ IGNITION» information is "+ BATTERY" information used to wake up the system when the vehicle's ignition is turned on.

When the vehicle key is removed, the information disappears and two timeouts are triggered:

- 1 hour before the system goes into standby mode.
- 3 hours before the system shuts down completely.

5.8. HAND BRAKE OPTION WIRING



The handbrake information is collected via a handbrake module that sends a grounding signal to the ramp when the handbrake is applied, without disrupting the "Handbrake" indicator light circuit on the dashboard.

Depending on the settings, the wiring for this function allows the Grill Lamps and siren to be turned off and the orange warning lights to be activated when all the signals are on.

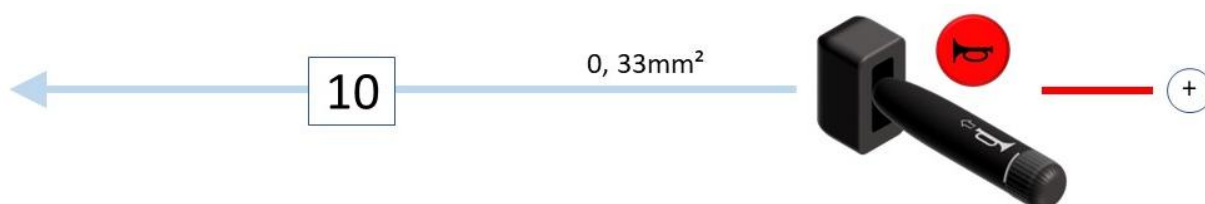
Depending on the settings, when the handbrake is released while the blue flashing light function is active, only the Grill Lamps are activated and the orange beacon is deactivated.

5.9. OPTIONAL WIRING FOR THE PEDAL



The information sent is a ground signal when the equipment control pedal is pressed. This function triggers the blue lights and audible warning. When the equipment control pedal is released, only the siren stops.

5.10. HORN WIRING

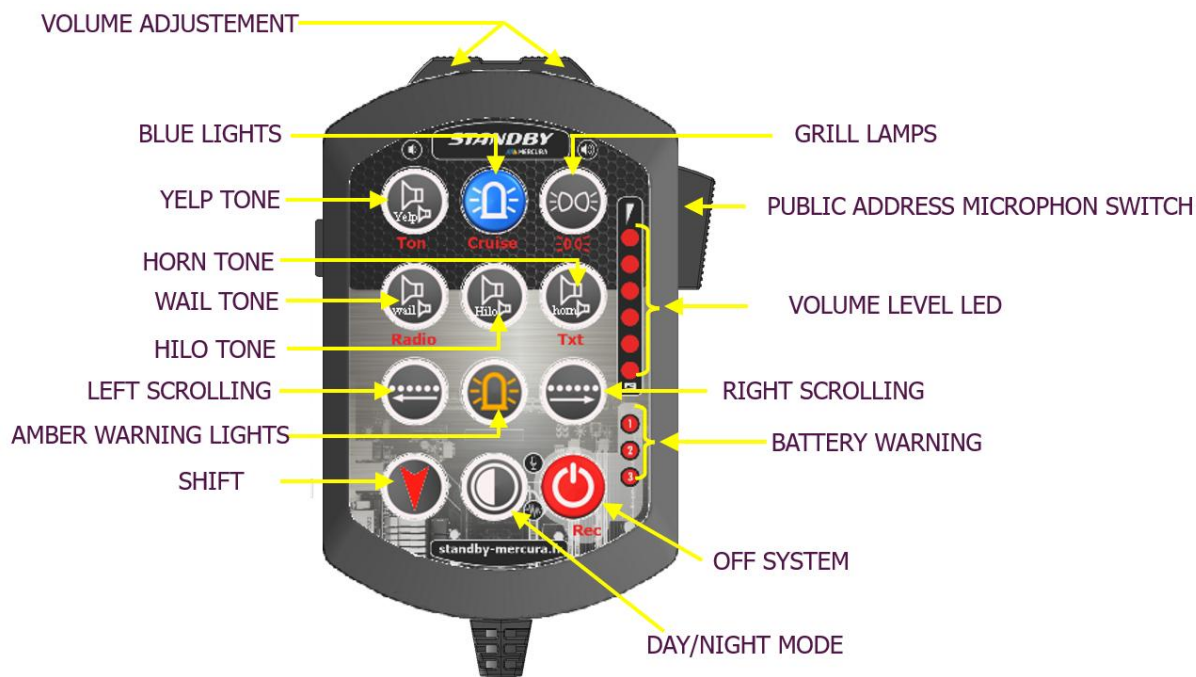


This involves picking up the "+ BATTERY" signal from the post-contact control of the horn switch.

When the blue signal is active, pressing the horn triggers the siren. Pressing it a second time stops the siren.

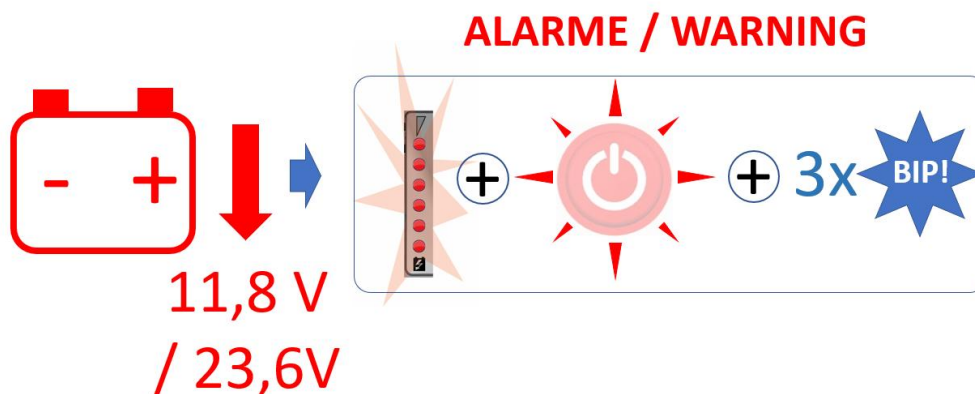
6. OPERATION

6.1. GENERAL OPERATION



LOW BATTERY ALARM

The low battery alarm is activated when the voltage falls below 11.8 volts (12-volt vehicles) or 23.6 volts (24-volt vehicles).



The low battery alarm consists of:

- The OFF push button flashing
- A series of 3 beeps from the buzzer built into the control box
- A flashing indicator light dedicated to the "Low Battery" alarm

6.2. EQUIPMENT CONTROL

The operation described below corresponds to priority mode. Refer to the following pages for more information on DSC and SPO operating modes. The selection of these modes is also explained there.

POWERING UP

- Power on the system by pressing any button or turning the vehicle key in the ignition if the +IGNITION function is wired.



- Pressing the push button manually stops the system.

AUTOMATIC SHUTDOWN

- The system shuts down automatically after 3 hours following a 1-hour standby delay if the system detects that the engine is not running.
- The system stops automatically if the charging circuit voltage is below 11.5 volts.



Start-up

- Using the associated push button.
- Automatically via COMMODO KLAXON (on impulse - if connected) or PEDAL AGGRESSOR (command held - if connected).
- Or by holding the push button for 3 seconds if the blue flashing lights are not active (force in case of force majeure blue flashing light failure).



Shutdown

- By pressing the push button or deactivating the BLUE FLASHING LIGHT function. Or blue flashing lights active and brakes applied.



Start

- Using the associated push button.

Switching off

- Using the associated push button.
- Automatically if another tone is activated.



Start

- Via associated push button.

Switching off

- Associated push button.
- Automatically if another tone is activated.



Start

- Via associated push button held down.

Switching off

- Push button released.



Start

- Using the associated push button.
- Automatically if siren is active.



Shutdown

- Associated push button.



Start-up

- Via associated push button
- Automatically If the BLUE FLASHING LIGHT function is active and the HANDBRAKE is released, or if the handbrake is released and the flashing light is active.



Off

- Via associated push button.
- Automatically If the BLUE FLASHING LIGHT function is active and the HANDBRAKE is applied.



- Pressing the associated push button activates the SIREN or LIGHTS (Class 2) NIGHT mode function.












- Activation and deactivation of SPOTLIGHTS



- Activation and deactivation of RADIO AUXILIARY



- Activation and deactivation of CRUISE function

| | | |
|---|---|---|
|  | <ul style="list-style-type: none"> ▪ Pedal: Triggers priority signaling (depending on settings): See related functions. |  |
|  | <ul style="list-style-type: none"> ▪ Horn: Triggers priority signaling (depending on settings): See related functions |  |
|  | <ul style="list-style-type: none"> ▪ See related functions |  |
|  | <p><u>Start</u></p> <ul style="list-style-type: none"> ▪ Using the associated push button. ▪ By applying the HAND BRAKE when the BLUE FLASHING LIGHT function is active. <p><u>Shutdown</u></p> <ul style="list-style-type: none"> ▪ Using the associated push button. ▪ By releasing the HAND BRAKE when the BLUE FLASHING LIGHT function is active. |  |
|  | <p><u>Start</u></p> <ul style="list-style-type: none"> ▪ Using the associated push button (even if the blue flashing lights are inactive). <p><u>Shutdown</u></p> <ul style="list-style-type: none"> ▪ Using the associated push button. ▪ Automatic mode: The function is automatically deactivated if the BLUE FLASHING LIGHT function is deactivated or by selecting another scroll mode. | |

6.3. SELECTION OF PRIORITY/SPO/DSC FUNCTIONS

These procedures allow for 3 changes to the operating mode:

1. The automatic operation of the GRILL LAMPS in relation to the handbrake.
2. Activation or deactivation of the DAY/NIGHT SIREN function.
3. Selection of the automatic operation of the siren in relation to the blue flashing lights. Two operating modes are possible: SPO mode or DSC mode.

Reminder:

- In SPO mode, pressing the SIREN push button activates the BLUE FLASHING LIGHT (or light bar) function.
- In DSC mode, pressing the SIREN push button only activates it if the BLUE FLASHING LIGHT (or light bar) function is already active.

IMPORTANT

The default configuration is the PRIORITY operating mode:

- **GRILL LAMPS:** Activating the BLUE FLASHING LIGHTS also activates the GRILL LAMPS. The GRILL LAMPS are turned off when the handbrake is applied while the BLUE FLASHING LIGHTS are active. The Grill Lamps are reactivated when the handbrake is released if the BLUE FLASHING LIGHTS are active.
- **DAY/NIGHT SIREN:** Pressing the DAY/NIGHT push button reduces the volume of the SIREN.
- **SPO MODE:** Activating the siren activates the BLUE FLASHING LIGHTS, and deactivating the BLUE FLASHING LIGHTS stops the SIREN.

6.4. IDENTIFICATION OF PICTOGRAMS



GRILL LAMPS



DAY/NIGHT



SIREN YELP

6.5. GENERAL PRINCIPLE OF ACTIVATION AND DEACTIVATION

Switching from the priority basic mode is activated by pressing and holding the associated push button for 15 seconds. 1 BEEP sounds.

From secondary mode, return to basic mode by pressing and holding the associated push button for 15 seconds. Two beeps will sound.

If the control box is not compatible with these functions, 3 beeps will sound.

6.6. GRILL LAMPS



By default, the system is in priority mode.

1. Pressing the GRILL LAMPS button for 15 seconds deactivates the Grill Lamps' control by the handbrake. One beep sounds to confirm this mode.
2. Pressing the button a second time for 15 seconds re-links the Grill Lamps to the handbrake (see description of PRIORITY mode). Two beeps confirm the return to basic mode.

NOTE: Changing modes does not affect the emergency operation of the GRILL LAMPS. When the button associated with the BLUE FLASHING LIGHTS is pressed for 3 seconds while they are off, the GRILL LAMPS turn on.

6.7. DAY/NIGHT



NOTE: This push button is also used to switch the operating mode of the GYROPHARES from class 1 to class 2 and vice versa.

By default, the system is in priority operating mode. The DAY/NIGHT function is therefore active on the SIREN.

1. Pressing the push button for 15 seconds deactivates the night function on the siren. 1 BEEP confirms this operating mode.
2. Pressing the button again for 15 seconds reactivates the DAY/NIGHT function on the SIREN. Two beeps confirm the return to basic mode.

6.8. SPO MODE OR DSC MODE



By default, the system is in PRIORITY operating mode, in other words, in this case, in SPO mode for the fire department.

1. Pressing the push button for 15 seconds switches the SIREN/BLUE FLASHING LIGHT control mode to DSC mode. 1 BEEP confirms this operating mode. The SIREN can only operate if the BLUE FLASHING LIGHT function is already active.
2. Pressing the push button a second time for 15 seconds switches the SIREN/BLUE FLASHING LIGHT control mode to SPO basic mode. Two beeps confirm this operating mode. The SIREN automatically activates the BLUE FLASHING LIGHT function.