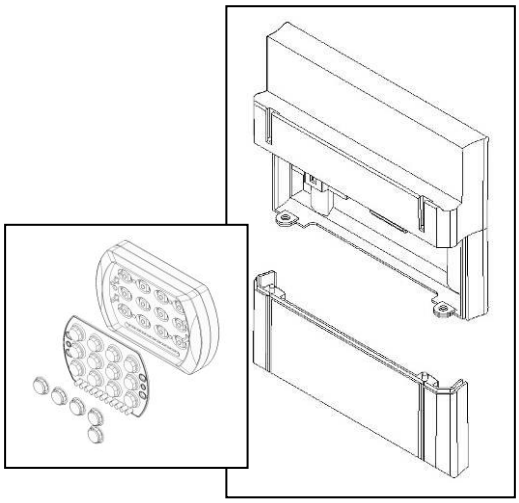
CCS4 PACK BASIC PROGRAM



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SAS au capital de 102. 400 € - APE (NAF) 2790 Z – SIRET 310 999 891 00040

GENERAL WARNINGS

LIMITS OF LIABILITY

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

STANDBY-FRANCE is not liable for any damage or consequences resulting from the use of this information :

- Failure to observe the information provided in the product documentation.
- To the non-conforming use of the product
- To the installation and implementation of the products carried out by unqualified personnel
- Changes made on the user's or operator's own authority
- To technical modifications not submitted and approved by STANDBY-FRANCE
- When using spare parts not approved by STANDBY-FRANCE

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

RESPONSIBILITIES OF THE INSTALLER

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

Only the personnel in charge of the installation are allowed to enter the work area.

The installer defines the means and materials appropriate to the situation in order to deliver a complete installation connected and installed according to the rules of art.

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 informed of the task to be performed and the potential hazards associated with it.

Qualified personnel : Under the supervision of the installer, a person who by his knowledge, training and experience is able to carry out the installation, recognising and avoiding the potential dangers of the operation.

Installation must be carried out with the appropriate means of access and work platforms.

Never stare at the lights.

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

STANDBY-FRANCE accepts no responsibility for any deficiencies that may occur in the definition of the installation system, any reinforcements, roof drillings, the condition and quality of the installation surfaces, the use of the manufacturer's anchorage points and the definition of the power supply and protection of the system on the vehicle's energy 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 the legal obligations in terms of occupational safety to which the operator must comply. This applies to safety and accident prevention regulations as well as environmental protection regulations. The use of such road equipment is subject to compliance with the rules defined by the Road Regulation.

Obligation of the operator :

- Keep up to date with the current regulations on safety at work.
- Carry out a risk analysis of the special working conditions at the place of work
- Adapt user training to regulations, standards and conditions of use
- Regularly check, when using the equipment, that the implementation rules 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 and informed of the dangers associated with the operation of the equipment.
- Make the protective equipment associated with the intervention available to personnel and ensure its use.

It is the responsibility of the operator :

- To ensure the curative and preventive maintenance of the equipment
- Ensuring that safety devices are checked regularly

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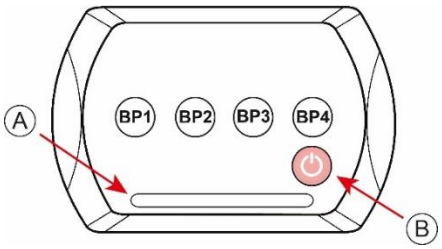
1. PRODUCT PRESENTATION

The CCS4 BASIC package consists mainly of a 5-key multiplexed control unit and a CCS 292 power module. The system allows to drive 2 power outputs 15A and 2 power outputs 3A associated with 2 control outputs 100mA. 1 permanent 6A output is also available (active as soon as the system is switched on).

The CCS4 BASIC program assigns a button to an output. The system is delivered with a pre-mounted control box and a set of buttons. It is up to the installer to finalise the system according to the application.

2. CONTROL BOX CCS4 BASIC PACK

Keys labels are identified by the label « BP ».



- Low Battery" Alarm Banner
- ON/OFF button (Must be positioned in this slot)

- BP1, BP2 drive 15A power outputs.
- BP3; BP4, drive 3A power outputs and 100mA control outputs.

The "Low Battery Alarm Banner" illuminates and flashes when the battery voltage reaches 11.8 volts for 12 volt vehicles and 23.6 volts for 24 volt vehicles. Audible beeps accompany the visual alarm.
When the voltage reaches the critical low battery threshold of 11.5 volts for 12-volt vehicles and 23 volts for 24-volt vehicles, the system automatically shuts down to preserve the battery's starting potential.

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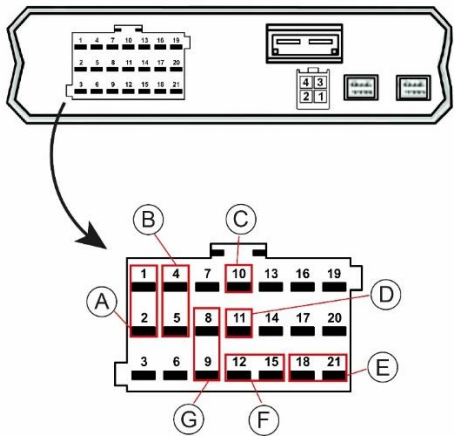
3. POWER OUTPUTS CCS 292 MODULE

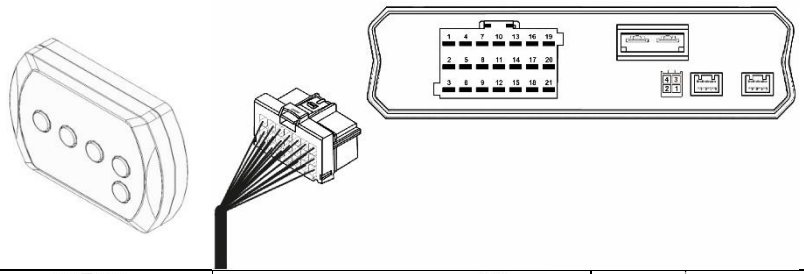


A. Output 3 (3A) controlled by BP3
B. Output 4 (3A) controlled by BP4
C. Output 12 (-100mA) controlled by BP3
D. Output 13 (-100mA) controlled by BP4
E. Output n°2 (15A) controlled by BP2
F. Output 1 (15A) controlled by BP3
G. Output no. 11 (6A) permanent supply

! ATTENTION

ELECTRICALLY LIFTED TRIANGLES WITHOUT A POP-UP UNIT ARE NOT SUPPORTED.

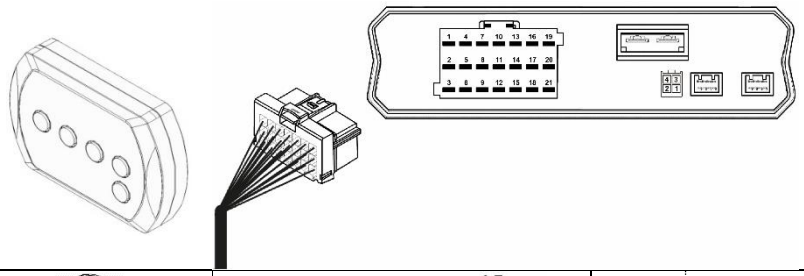
4. TYPICAL CONNECTION DIAGRAM



Equipment to be connected

BP1	15A 15 (+) 12 (-)		*AUXILIARY 1*
BP2	15A 21 (+) 18 (-)		*AUXILIARY 2*
	6A 9 (+) 8 (-)		*6A power supply (> RADIO)*
BP3	3A 1 (+) 2 (-)		*AUXILIARY 3*
BP4	3A 4 (+) 5 (-)		*AUXILIARY 4*
BP4	GROUND -0,1A 10 (-)		*AUXILIARY Supplement 4 (ground control limited to 100mA)*
BP3	GROUND -0,1A 10 (-)		*AUXILIARY Supplement 3 (ground control limited to 100mA)*

5. EXAMPLE OF APPLICATION



Equipment to be connected & functions

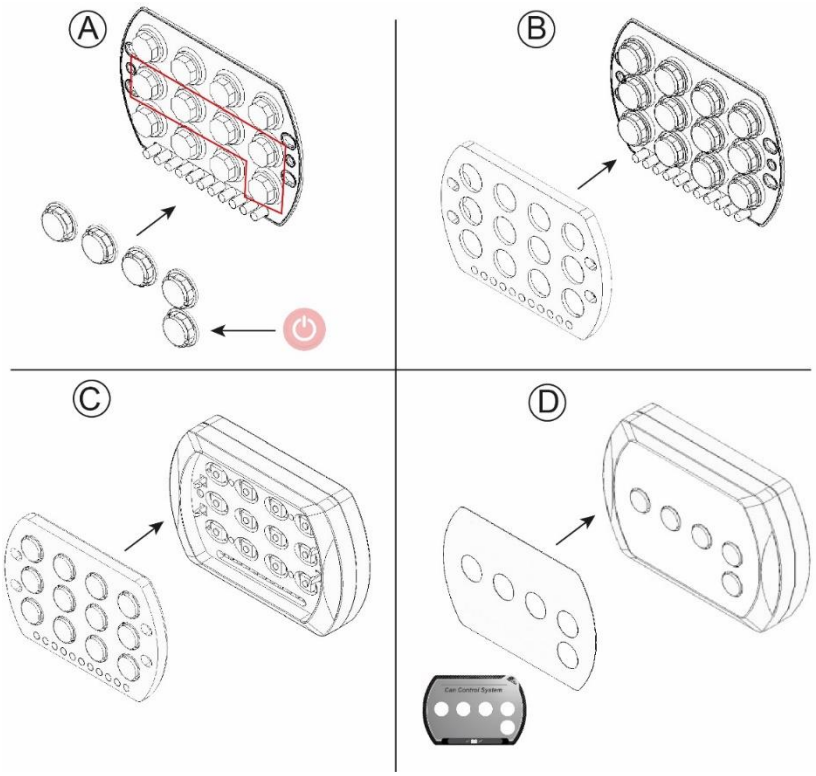
BP1	15A — 15 (+) / 12 (-)		*Siren power module*
BP2	15A — 21 (+) / 18 (-)		Blue beacon
	6A — 9 (+) / 8 (-)		*Power supply 6A (> RADIO)*
BP3	3A — 1 (+) / 2 (-)		Auxiliary
BP4	3A — 4 (+) / 5 (-)		*Penetration lights*
BP4	GROUND -0,1A — 10 (-)	*X*	*Not used*
BP3	GROUND -0,1A — 10 (-)		*SIREN NIGHT*

6. ASSEMBLY OF THE CONTROL BOX

6.1. KEYS PROVIDED

	ON/OFF (Qty 1)		Projector 1 (Qty: 1)
	Not used black (Qty: 11)		Projector 2 (Qty: 1)
	Arrow (Qty: 4)		Projector 3 (Qty: 1)
	Orange beacon (Qty: 1)		Projector 4 (Qty: 1)
	All-colour beacon (PU: 1)		Projector 5 (Qty: 1)
	Blue beacon (Qty: 1)	AUX	Auxiliary (Qty: 1)
	Bisignal (Qty: 1)	AUX 1	Auxiliary 1 (Qty: 1)
	Siren (PU: 1)	AUX 2	Auxiliary 2 (Qty: 1)
	Lighting (PU: 1)	AUX 3	Auxiliary 3 (Qty: 1)
	Lighting 1 (PU: 1)		Lighting 2 (PU: 1)
	Triangle (PU: 1)		Scroll left (Qty: 1)
	Scroll right (Qty: 1)		Flashing bar (Qty: 1)

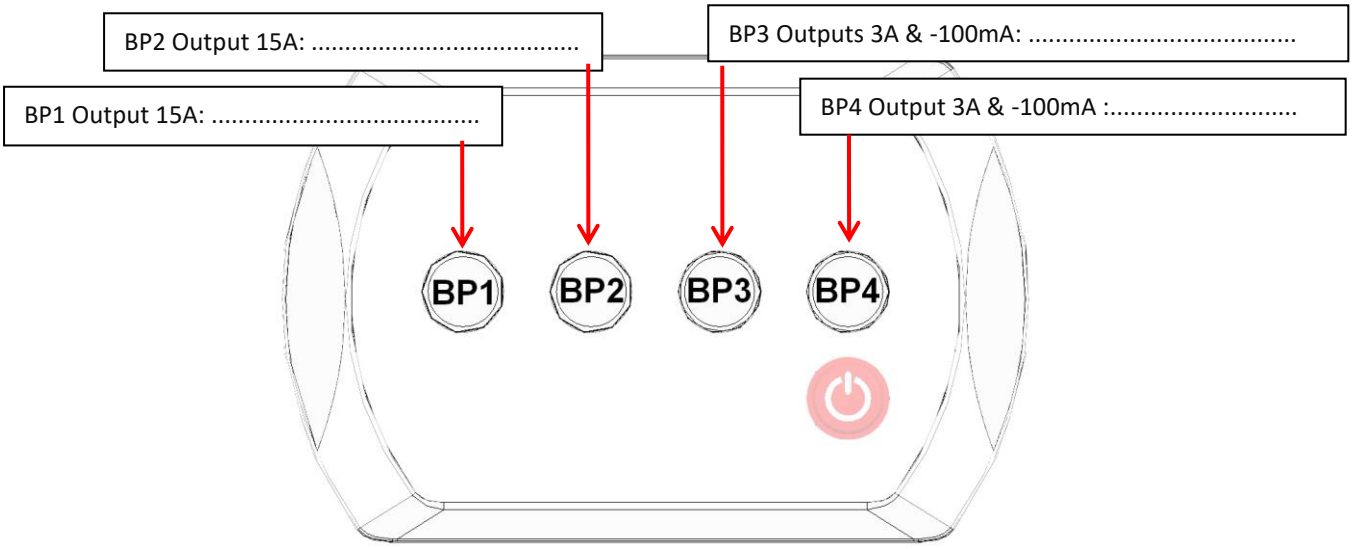
6.2. ASSEMBLY OF THE CONTROL BOX



7. CONFIGURATION SHEET

To help you identify the controls, please fill in the empty boxes with the name of the equipment to be controlled.

7.1. KEY ASSIGNMENT



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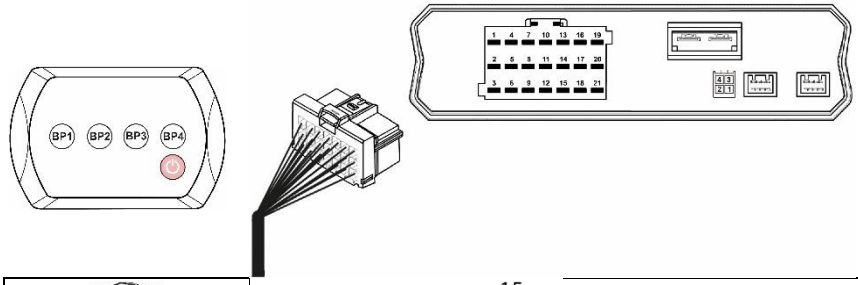
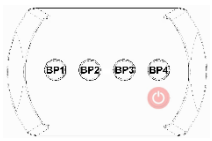
7.1. WIRING DIAGRAM EQUIPMENT

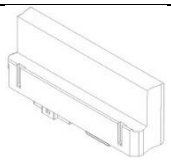


Names of Equipments and functions

BP1	15A — 15 (+) / 12 (-)	.....
BP2	15A — 21 (+) / 18 (-)	.....
⚡	6A — 9 (+) / 8 (-)	.....
BP3	3A — 1 (+) / 2 (-)	.....
BP4	3A — 4 (+) / 5 (-)	.....
BP4	GROUND -0,1A — 11 (-)	.....
BP3	Masse -0,1A — 10 (-)	.....

8. REMINDER OF HOW THE CONTROLS WORK





POWERING UP	The system is switched on by pressing any key.
⏻	Manually shuts down the entire system. The system automatically shuts down if the voltage drops below 11.5V (12V vehicles) or 23V (24V vehicles).
BP1	Activates or deactivates the power output n°1.
BP2	Activates or deactivates the power output n°2.
BP3	Enables or disables the AUXILIARY power output #3 and the ground control output "Auxiliary 3".
BP4	Activates or deactivates the AUXILIARY power output n°4 and the ground control output "Supplément Aux 4".
⚡	1 power supply output providing a power supply to the "+ Battery" is available when the system is powered up. It can be used for a cigarette lighter connector, a radio power supply...

Low BATTERY alarms: 11.8 volts or 23.6 volts

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