

PSU ALL VERSIONS

The Portable Signalling Unit (PSU) is a light and sound signalling device. Compact, the PSU combines a class 1 GYROLED® and a loudspeaker with integrated siren in a single housing. It simplifies modification of the original vehicle. For greater installation flexibility, it is available in two versions.

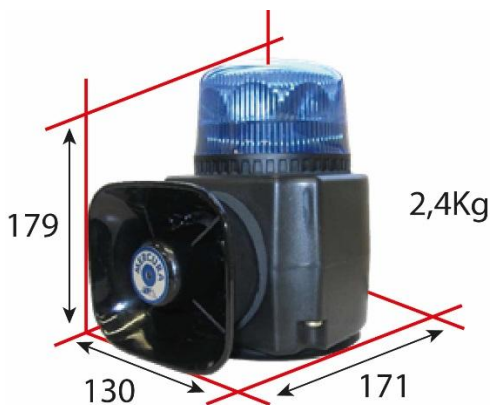
- A magnetic mount version for temporary installations comes with a 1.10 m spiral cord that can be extended to 3.5 m.
- A version on a bracket with permanent ISO 3-point mounting, supplied with a 6 m cable.

These versions are available with rotating or flashing GYROLED lights and tones adapted to different applications.

The magnetic version has been tested at 180 km/h.

1. TECHNICAL SPECIFICATIONS

- Protection rating: IP67

MAGNETIC VERSION	ISO 3-POINT VERSION
	

- Operating voltages: Both models operate at 12 volts
- Power consumption

	Rotary	Flash
PSU 12 volts	4.26	4.46A / 7.12A peak

Power HP / Siren: 115 dB

2. REFERENCES

PSU	GYROLED COLOUR	MODE	CONTROL	SHADE	FASTENING	CLASS 1 REFERENCE	CLASS 2 REFERENCE
SPO	Blue	Rotating	2-button socket	Fire brigade	Magnetic	23497	241
SPO	Blue	Splinter	2-button fastening	Fire brigade	Magnetic	24806	2664
Police (PM)	Blue	Rotating	2-button socket	Font	Magnetic	22644-0	25747
Police (PM)	Blue	Splinter	2-button plug	Police	Magnetic	26583	26649-00
Police (MI)	Blue	Rotating	Remote housing	Police	Magnetic	22644-02	26650
Gendarmerie	Blue	Rotating	Remote housing	Gendarmerie	Magnetic	22645	26651
Emergency medical services	Blue	Rotating	2-button socket	UMH	Magnetic	23498	26652
Doctor	Blue	Splintered	2-button plug	ASA	Magnetic	23499	25094
Export US1	Blue	Rotating	2-button socket	US (Wail, Hi-Lo, Yelp)	Magnetic	23500	266
Export	Blue	Splintered	2-button grip	To be specified	Magnetic	23501	26654
Export D1	Blue	Rotating	2-button socket	D-city, D-country, Yelp	Magnetic	26655	26656
Export D2	Blue	Splinter	2-button plug	D-city, D-country, Yelp	Magnetic	26657	26658
Roadworks 1	Orange	Rotating	2-button socket	ASA	Magnetic	23502	26659
Roadworks 2	Orange	Splinter	2-button socket	ASA	Magnetic	23503	266
SPO	Blue	Rotating	without control	Fire brigade	ISO 3 pts	26046	24354
Police (PM)	Blue	Rotating	without control	Police	ISO 3 pts	24047	26661
Gendarmerie	Blue	Rotating	without control	Gendarmerie	ISO 3 pts	26662	26663
Emergency medical services	Blue	Rotating	without control	UMH	ISO 3 pts	24048	26664
Doctor	Blue	Shattered	without control	ASA	ISO 3 pts	24049	26665
Export US1	Blue	Rotating	without control	US (Wail, Hi-Lo, Yelp)	ISO 3 pts	26668	26669-00
Export US2	Blue	Splinters	without control	US (Wail, Hi-Lo, Yelp)	ISO 3 pts	26670	26671
Export D1	Blue	Rotating	without control	D-city, D-country, Yelp	ISO 3 pts	26672	26673
Export D2	Blue	Splinters	without order	D-city, D-country, Yelp	ISO 3 pts	26674	26675
Roadworks 1	Orange	Rotary	without order	ASA	ISO 3 pts	24050	26666
Roadworks 2	Orange	Split	No order	ASA	ISO 3 pts	24051	26667

3. PSU INSTALLATION MAGNETIC MOUNT VERSION

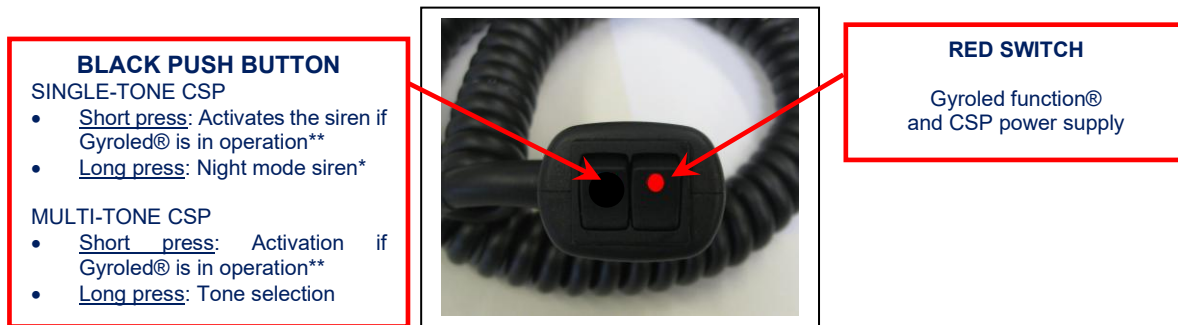
The base of the mount is equipped with very powerful magnets that guarantee a very strong hold on the vehicle's roof. However, before installation, **it is essential to check the magnetic properties of the surface on which the PSU is to be mounted. It is also important that this surface is flat and clean in order to optimise adhesion.**

The PSU must be positioned with the speaker facing forwards.

For electrical installation, it is essential to check the electrical characteristics of the cigarette lighter socket to avoid any risk of damage. It must comply with the electrical values required to operate the PSUs (see table in section 2.2.).

Once the PSU is positioned on the roof, connect the connector to the cigarette lighter socket.

4. OPERATION WITH CIGARETTE LIGHTER CONNECTOR



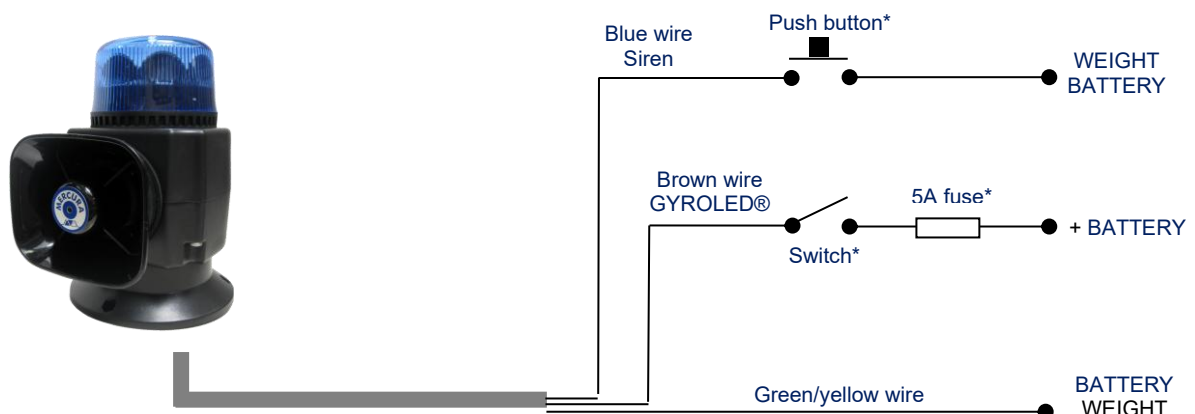
*The Night Siren mode is not retained in memory if the siren is deactivated.

** Another short press on the push button or deactivation of the GYROLED function turns off the siren.

5. PSU INSTALLATION 3-POINT ISO MOUNT

- Install the control system (fuse and switch or electronic system)
- Locate the position where the PSU will be installed. The surface of this location must be flat and clean. The PSU must be positioned with the speaker facing forward.
- Place the PSU in the location.
- Using a grease pencil, mark the 3 mounting holes.
- Mark the location of the grommet. It must be located in the middle of the 3 mounting holes.
- Assess the route of the electrical cable to the control system.
- Drill the mounting holes and the grommet hole.
- Pass the power cable through the cable gland.
- Install the PSU.
- Install the screws, ensuring that the assembly is watertight.
- Secure the power harness to the control system.

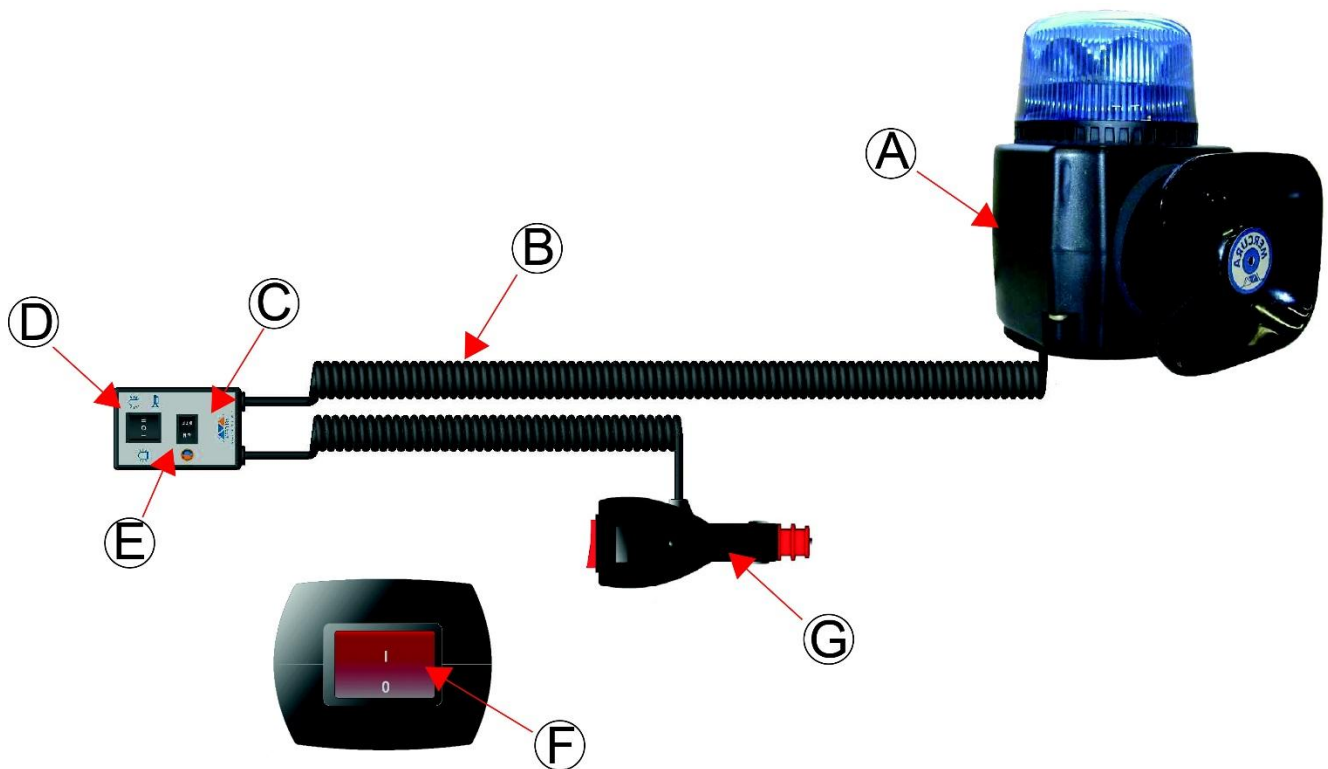
6. WIRED PSU VERSION 3-POINT ISO MOUNT



*Switches and fuses not supplied

- The GYROLED® switch controls the GYROLED and powers the entire PSU.
- A short press on the siren push button activates the siren if Gyroled® is in operation.
- Pressing and holding the siren push button selects the tone.

7. VERSION WITH REMOTE CONTROL BOX



- A. PSU
- B. CONTROL AND POWER CORD
- C. CONTROL BOX
- D. 3-POSITION SWITCH: GYROLED / OFF / GYROLED + SIREN
- E. 2-POSITION SIREN NIGHT MODE SWITCH: ON / OFF
- F. PSU POWER SWITCH FOR CIGARETTE LIGHTER CONNECTOR ON / OFF
- G. CIGARETTE LIGHTER CONNECTOR