

TECHNICAL GUIDE

Portable Combined Signalling Device CSP / MP

1. GENERAL

The Portable Combined Signalling Device (CSP) is a compact light and audio signalling device which incorporates, a class 1 GYROLED® beacon with loud-speaker and integrated siren module. To enable flexibility in the installation of the product, two versions are available:

- For Temporary Installation: CSP with magnetic mount, supplied with 1.10 m spiral cable (extending to 3.5m) and cigarette lighter plug.
- For Permanent Installation: CSP with ISO 3 point fixing system, supplied with 6m length wiring loom.

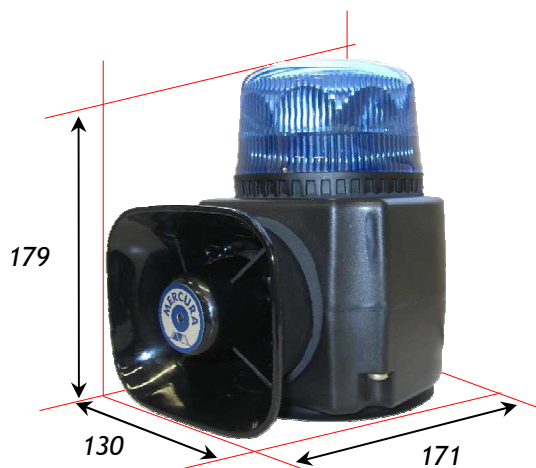
Both CSP versions are equipped with either the rotating or flash GYROLED® beacons and various siren tones are on offer .

The adherence of the magnetic version has been tested at up to 180 km/hour.

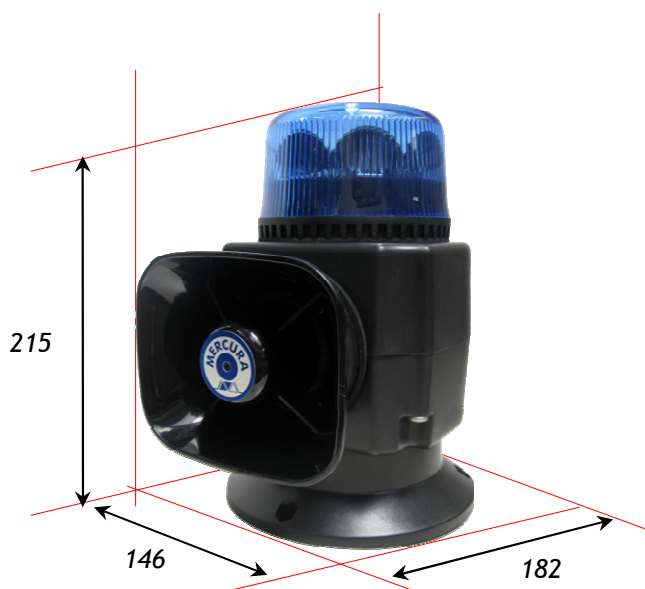
2. TECHNICAL CHARACTERISTICS

2.1. MECHANICAL CHARACTERISTICS

- Protection Index : IP67



Magnetic Mount Version
Weight : 2.4 Kg



ISO 3 point Fixing System
Weight : 1.6 Kg

2.2. ELECTRICAL CHARACTERISTICS

Voltage

12 volts – for both versions

Consumption

	Rotating	Flash
CSP 12 volts	4,26A	4,46A / 7,12A (Peak)

Power Loud-speaker / Siren : 115 db

2.3. REFERENCES

CSP	GYROLED COLOUR	VERSION	CONTROL SWITCH	SIREN TONE	MOUNTING	REFERENCE CLASS 1	REFERENCE CLASS 2
SPO	Blue	Rotating	2 switch plug	French Fire-brigade	Magnetic	23497-02	24127-01
SPO	Blue	Flash	2 switch plug	French Fire-brigade	Magnetic	24806-01	26648-00
French Police (PM)	Blue	Rotating	2 switch plug	French Police	Magnetic	22644-03	25747-01
French Police (PM)	Blue	Flash	2 switch plug	French Police	Magnetic	26583-01	26649-00
French Police (MI)	Blue	Rotating	Boitier déporté	French Police	Magnetic	22644-02	26650-00
French Gendarmerie	Blue	Rotating	Boitier déporté	French Gendarmerie	Magnetic	22645-02	26651-00
SAMU	Blue	Rotating	2 switch plug	UMH	Magnetic	23498-02	26652-00
Doctor	Blue	Flash	2 switch plug	ASA	Magnetic	23499-01	25094-01
Export US1	Blue	Rotating	2 switch plug	US (Wail, Hi-Lo, Yelp)	Magnetic	23500-01	26653-00
Export US2	Blue	Flash	2 switch plug	US (Wail, Hi-Lo, Yelp)	Magnetic	23501-01	26654-00
Export D1	Blue	Rotating	2 switch plug	D-city, D-country, Yelp	Magnetic	26655-00	26656-00
Export D2	Blue	Flash	2 switch plug	D-city, D-country, Yelp	Magnetic	26657-00	26658-00
French Road Service Vehicles 1	Amber	Rotating	2 switch plug	ASA	Magnetic	23502-01	26659-00
French Road Service Vehicles 1	Amber	Flash	2 switch plug	ASA	Magnetic	23503-01	26660-00
SPO	Blue	Rotating	Without control switch	French Fire-brigade	ISO 3 point	26046-01	24354-01
French Police (PM)	Blue	Rotating	Without control switch	French Police	ISO 3 point	24047-01	26661-00
French Gendarmerie	Blue	Rotating	Without control switch	Gendarmerie	ISO 3 point	26662-00	26663-00
SAMU	Blue	Rotating	Without control switch	UMH	ISO 3 point	24048-00	26664-00
Médecin	Blue	Flash	Without control switch	ASA	ISO 3 point	24049-01	26665-00
Export US1	Blue	Rotating	Without control switch	US (Wail, Hi-Lo, Yelp)	ISO 3 point	26668-00	26669-00
Export US2	Blue	Flash	Without control switch	US (Wail, Hi-Lo, Yelp)	ISO 3 point	26670-00	266671-00
Export D1	Blue	Rotating	Without control switch	D-city, D-country, Yelp	ISO 3 point	266722-00	26673-00
Export D2	Blue	Flash	Without control switch	D-city, D-country, Yelp	ISO 3 point	26674-00	26675-00
French Road Service Vehicles 1	Amber	Rotating	Without control switch	ASA	ISO 3 point	24050-00	26666-00
French Road Service Vehicles 1	Amber	Flash	Without control switch	ASA	ISO 3 point	24051-00	26667-00

3. INSTALLATION AND OPERATION

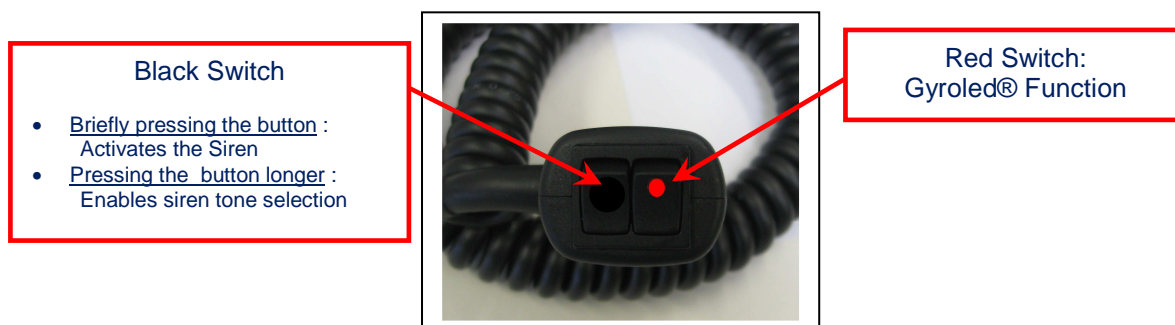
3.1. CSP INSTALLATION FOR MAGNETIC MOUNT VERSION

The base is equipped with very strong magnets guaranteeing a very strong adherence on the vehicle roof panel. Before mounting, however, it is important to maximise the magnetic capacity of the surface, therefore it must be clean, dry and flat to optimize adherence.

When mounting the CSP, the loud-speaker must be directed towards the front of the vehicle.

For the electrical installation, it is important to take into account the electrical characteristics of the cigarette lighter plug to avoid any damage to the CSP. (see paragraphe 2.2.).

Once the CSP has been mounted, connect the connector to the cigarette lighter plug.

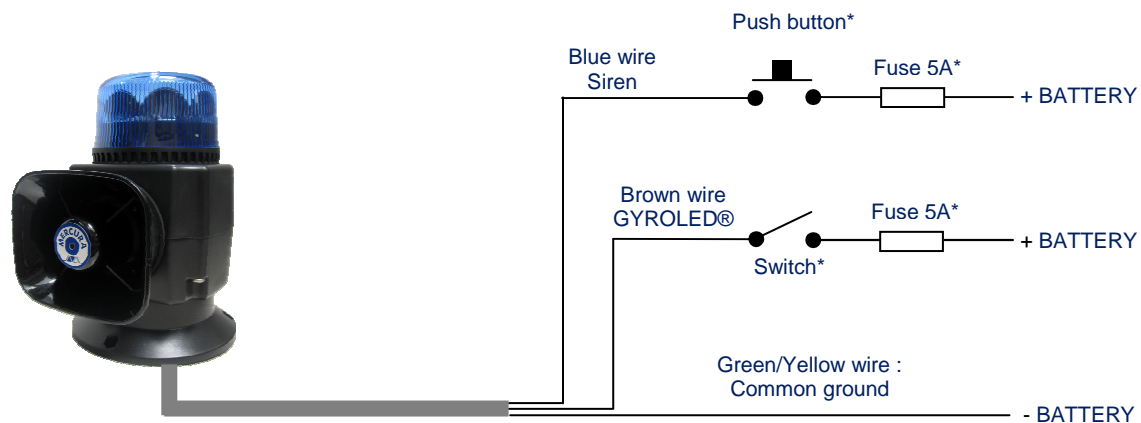


3.2. CSP INSTALLATION FOR ISO 3 POINT MOUNTING VERSION

MECHANICAL MOUNTING

- Install the chosen control system (traditional control with fuse and switch or electronic control system)
- Identity the chosen position for the CSP. The surface must be clean, dry and flat and the loud-speaker must be directed towards the front of the vehicle.
- Place the CSP sur l'emplacement and mark the position of the 3 holes.
- Mark the cable entry position which must be situated in the middle of the 3 holes.
- Assess the cable entry to the control system.
- Drill all the holes and pass the cable through.
- Place the CSP.
- Insert the screws, ensuring that everything is water tight
- Connect the power cable to the control system.

ELECTRICAL INSTALLATION



*Switches and fuses not supplied