

Undercover police operation



Undercover police operation

- **Fast and safely to the destination**

Things have to go fast in an emergency - operation must be quick and easy while driving, especially in the case of civilian vehicles. We offer specially tailored products for undercover police operation.



**Takedown display and
information display**



Mobile case system



Movia-SL LED

(see page 12)



Sputnik SL Smoky

Undercover police operation

Takedown and information display

Takedown and information displays (ASG or ISG) are used for targeted communication with road users ahead or behind. Various messages can be used to convey the required information to the road users concerned. The red LEDs provide the required intensity of light and ensure that the message is easy to read.

PRODUCT FEATURES:

- variety of models and mounting options
- high light intensity allows visibility through tinted windows
- suitable for exterior mounting or for concealed mounting on the hat shelf, the sun visor or in the rear of the vehicle
- both available as analogue (max. 3 messages) or digital model
- digital model can only be operated using a CAN447-compatible control unit

Overview of options

ASG sun visor



Homologation:	
Take down flash according to TA13b:	~ K 1094
EMC according to ECE-R 10:	Ⓔ 10R-05 6817

ASG engine bonnet



Homologation:	
Take down flash according to TA13b:	~ K 1094
EMC according to ECE-R 10:	Ⓔ 10R-05 6817

ASG/ISG hat shelf



Homologation:	
EMC according to ECE-R 10:	Ⓔ 10R-05 6817

ASG/ISG front/rear



Homologation:	
EMC according to ECE-R 10:	Ⓔ 10R-05 6817

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ASG sun visor



- easy installation (the takedown display is mounted by us directly on the passenger side sun visor provided by the customer)
- with acoustic activation control (for analogue version)
- full matrix display with 29x7 LEDs (234 x 50 mm)
- take down flash (AHB) available (in message breaks)
- display cover in black, grey or beige
- letter height: 50 mm

ASG engine bonnet



- full matrix display with 29x7 LEDs (234 x 50 mm)
- take down flash (AHB) available (in message breaks)
- console colour blue
- with vehicle-specific console for VW T6
- letter height: 50 mm

ASG/ISG hat shelf



- models for upright and/or hanging mounting
- full matrix display with 38x7 LEDs (431 x 85.8 mm)
- with motorised lifting
- letter height: 86 mm

ASG/ISG front/rear



- resilient profile or macrolon housing
- interior or exterior fitting options available
- full matrix display with 38x7 LEDs (431 x 85.8 mm) in profile housing or with 29x7 LEDs (234 x 50 mm) in macrolon housing
- letter height: 86 mm (profile housing) or 50 mm (macrolon housing)

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Mobile case system

The mobile warning system in an aluminium pilot's case provides the user with a complete visual and acoustic solution. The mobile warning system is particularly suitable for users who do not have a warning system in their vehicle but need to have one in case of an emergency.

The individual components of the warning system can be stored and transported safely in the pilot's case. During the emergency, both the LED beacon and the loudspeaker can be attached to the vehicle roof via magnet. The magnetic fixing is tested at up to 250 km/h.

PRODUCT FEATURES:

- no additional equipment required on the vehicle
- easy to use
- vehicle independent warning system
- connection with Sputnik nano mobil possible
- scope of delivery:
 - magnetic LED beacon type MOVIA - SL
 - tone sequence system 614 with a magnetic pressure chamber loudspeaker
 - operation using the HBE Profi (with public address option)

Our mobile warning case system has a homologation with one loudspeaker, since the powerful and approved tone sequence system TFA 614 is installed.



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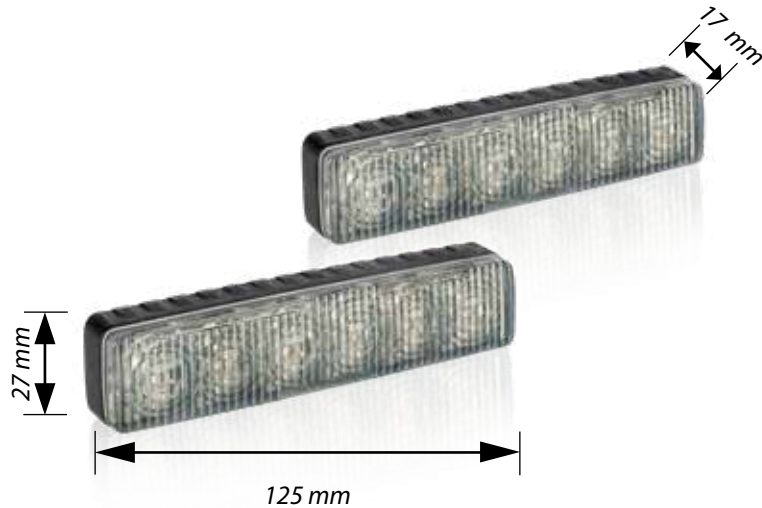


<i>Technical data:</i>	
Designation:	Case
Dimensions (WxDxH):	430 x 185 x 285 mm
Designation:	MOVIA - SL
Voltage:	12 V
Flash frequency:	> 2 Hz
Average power consumption:	12 V / 1.6 A
Material:	housing: aluminium / lamp dome: polycarbonate
Type of protection:	IP5K4 / IPX9K
<i>Homologation (Germany and international):</i>	
Light according to ECE-R 65:	TB1 (E) 00 3139
EMC according to ECE-R 10:	(E) 10R-04 5669
Designation:	Tone sequence amplifier 614
Voltage:	12 V
Average power consumption:	12 V: 2.0 A
Operating temperature range:	-40° C to +80° C
Alarm part:	Special signal according to DIN 14610
Designation:	Pressure chamber loudspeaker DKL 604
Power rating:	70 W
Impedance:	4 Ω
<i>Homologation (Germany):</i>	
Acoustics according to TA 32	~ W 25060
EMC according to ECE-R 10:	(E) 10R-05 7535

Undercover police operation

Sputnik SL Smoky

The front flasher Sputnik SL Smoky, with the proven modern lighting technology of our Sputnik SL, are particularly suitable for undercover police operations in a civilian vehicle. Due to the tinted lens, the special vehicle is only clearly recognisable as such when in use, as conspicuous reflections of sun and ambient light are reduced.



Comparison
Sputnik SL Smoky – Sputnik SL

PRODUCT FEATURES:

- available for horizontal mounting
- two or more lamp bodies can be synchronised
- can be adjusted to fit the contour of the radiator grille
- complete sealing of the lamp bodies ensures insensitivity to high pressure or steam jet cleaning
- universal cable can be configured as a control cable, day/night cable or activation cable
- universal holder and various vehicle-specific holder available for optimal positioning and easy mounting
- Y-cable for easy electrical connection available

Technical data:	
Designation:	Sputnik SL Smoky
Voltage:	12 V / 24 V multi voltage
Average power consumption:	12 V: 0.8 A (per LK) 24 V: 0.6 A (per LK)
Type of protection:	IP6K7 / IPX9K
Homologation:	
Light according to ECE-R 65:	
horizontal:	XB1 (E5) 00 0069
EMC according to ECE-R 10:	(E1) 10R-05 6845