



Also available with a digital  
compressor signal!



### Cannot be overheard!

The **TOPas lightbar system** features the most advanced technology and highest quality standards.

You will benefit from the nearly unlimited flexibility of the system which is used in police, fire-brigade, rescue services, civil defence and disaster response systems.

If safety is your highest priority, then **PINTSCH BAMAG** is the right partner for you. Thanks to their excellent passive safety features, **TOPas** systems achieve high visibility, unmistakable clarity and ease-of-use.



088 027 980-000 (09/09 GB)

### The sound makes the difference!

Fourteen different country-specific warning signals can be used with the acoustic **TOPas lightbar** modules, plus an adjustable, integrated digital compressor signal. The system can switch from urban to rural settings and high-grade pressure-chamber loudspeakers have excellent reach, a wide frequency range and sound pressure of up to 120dB(A) at a distance of 3.5 meters (according DIN 14610).



Customer-specific  
LED displays



Electronic modules include an amplifier with 100 W peak output, allowing fully electronic monitoring of the output signal and the rotating and flashing beacons. Seamless monitoring is possible thanks to a tachograph and special status outputs.

### The right TOPas for any vehicle!

The 8 available lengths of from 950 mm to 1900 mm makes the system adaptable to any vehicle. Concave rooftops are offset by a standard rubber cushion. A flat rubber gasket is available for flat roofs.



950 – 1900 mm

**Get attention at a distance!**

The use of modern LED technology ensures your vehicle is noticed and heard at a distance. Whether with the high-power LED front flash for longer calls or the LED light inserts with extremely high luminous radiation.

**Light in the dark!**

Various light sources are integrated under large-surface light domes. The intense luminous power and optimum radiation angle ensure excellent visibility from a distance. Single or double rotating mirror beacons, single or double xenon double-flasher, the proven 3 glass lens optics or Mini-TriOptic or the most recent maintenance-free LED technology are used in the light modules. LED searchlights and working headlights in the middle section allow good lighting of call scene.



LED doubleflasher



Single Xenon Doubleflasher



Rotating double mirror beacons



Rotating single mirror beacons



Duo Xenon Doubleflasher



3-glass-lens optics

## Technical data

Operating voltage:	12 V <sub>DC</sub> (10.8V ... 14.4V)	24 V <sub>DC</sub> (21.6V ... 28.8V)
Limiting voltage:	16 V <sub>DC</sub>	32 V <sub>DC</sub>
<b>Current consumption:</b>		
Acoustic modules (depending on type):	max. 6A	max. 4A
Light modules		
➤ Single rotary mirror beacon	9.2A	5.8A
➤ Twin rotary mirror beacon	18.4A	11.6A
➤ 3-glass-lens optics	9.2A	5.8A
➤ TriOptic	9.2A	5.8A
➤ Xenon double flasher	9A	5A
➤ Twin xenon double flasher	18A	10A
➤ LED double flasher	10A	5A
LED displays: Backlighting (depending on width):	max 1.5A max. 2A	each not available max. 1A
Inputs (depending on equipment):	Signal ON, Ignition ON, Beacons ON, Urban/rural switching, Test, Headlight ON, Front flash ON, Radio/microphone ON, Backlighting/LED display ON	
<b>Voice announcements:</b>		
Microphone:	symmetrical, 4mV at 200Ω	
Radio (or AUX):	asymmetrical, 500mV at 600Ω	
Radio via operating device:	asymmetrical, 450mV at 10Ω	
Outputs (depending on equipment):	Tachograph signal for beacons and signal function, control for front flasher	
<b>Dimensions:</b>		
Height (without rubber cushion):	163 mm	
Depth:	276 mm	
Width (depending on type):	950 mm ... 1900 mm	
Weight (depending on equipment/type):	16 kg ... 30 kg	
<b>Temperature range:</b>		
Operation:	-25° ... +70° C	
Storage:	-40° ... +80° C	

### Signals

- all common signals for D, NL, F, I, A, CH
- US signals (PEAK, WAIL, YELP, HI-LO ...)
- Digital compressor signal

Pintsch Bamag reserves the right to make technical changes.