

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 (07/11 EN)

## 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 to DIN 14610).



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.

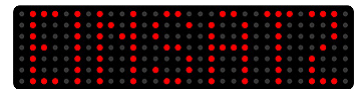
## The right TOPas for any vehicle!

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

Customer-specific  
LED displays

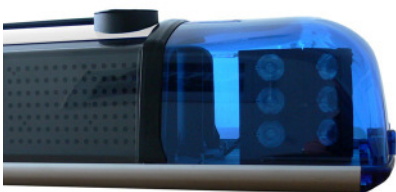


## Get attention at a distance!

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 Double flasher



Single Xenon Double flasher



Rotating double mirror beacons



Rotating single mirror beacons



Duo Xenon Double flasher



3-glass-lens optics

Technical Data		
<b>Voltage Supply</b>		
➤ Operating Voltage	: 12 V <sub>DC</sub>	24 V <sub>DC</sub>
➤ Voltage Range	: 10.8 ... 14.4 V <sub>DC</sub>	21.6 ... 28.8 V <sub>DC</sub>
➤ Limit Voltage	: 16 V <sub>DC</sub>	32 V <sub>DC</sub>
<b>Power Consumption</b>		
➤ Acoustic Modules (depending on Type)	: max. 6 A	max. 4 A
Light Modules		
➤ Rotating Single Mirror Beacon	: 9.2 A	5.8 A
➤ Rotating Double Mirror Beacon	: 18.4 A	11.6 A
➤ 3-Glass-Lens Optics	: 9.2 A	5.8 A
➤ Mini-TriOptic	: 9.2 A	5.8 A
➤ Xenon Double Flasher	: 9 A	5 A
➤ Duo Xenon Double Flasher	: 18 A	10 A
➤ LED-Double Flasher	: 10 A	5 A
LED-Displays	: max. 1.5 A each	not available
Backlight (depending on width)	: max 2 A	max. 1 A
<b>Inputs</b> (depending on Version)	: Signal ON, Ignition ON, Beacons ON, Urban/Rural switching, Test, Alley-Light / Take-Down-Light ON, Front Flash ON, Radio Set / Microphone ON, Backlighting / LED-Display ON	
<b>Public Address</b>		
➤ Microphone	: symmetrically, 4mV at 200Ω	
➤ Radio Set (or AUX)	: asymmetrically, 500mV at 600Ω	
➤ Radio Set via Control Panel	: asymmetrically, 450mV at 10KΩ	
<b>Outputs</b> (depending on Version)	: Tachograph Signal for Beacons and Signal Indication signal for Front Flasher	
<b>Dimensions</b>		
➤ Height (incl. Rubber Gasket)	: 163 mm	
➤ Depth	: 276 mm	
➤ Width (depending on Type)	: 950 ... 1900 mm	
<b>Weight (depending on Type)</b>	: 16 ... 30 Kg	
<b>Ambient Temperature</b>		
➤ Operation Range	: -25 ... +70 °C	
➤ Storage / Transport	: -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.