



**Cartalker®**



**Under-threat alarm system  
for armoured vehicles**

# Cartalker®

The Cartalker is a safe way to communicate with the outside world from inside a closed vehicle. The Cartalker is an intercom which can be installed in any vehicle. The system's easy operation and hidden components ensure comfort and safety.

The Cartalker has a versatile range of possible uses e.g. in taxis, trucks etc. In the context of rescue service vehicles, security services and fire brigades, it is often necessary for drivers and people in a second separate part of the vehicle to be able to communicate. The Cartalker allows secure and easy communication between both parts of the vehicle.



## Overview of options

### Cartalker I

- intercom between the inside and outside (or inside and inside)
- mounting control unit with integrated internal microphone
- electronic operating unit
- 2 exterior microphones with connecting cable (length: 5 m)
- external pressure chamber loudspeaker with connecting cable (length: 5 m)
- interior loudspeaker with connecting cable (length: 0.5 m)

### Cartalker II

- intercom system between the inside and outside (or inside and inside) (hand-held control unit with integrated microphone and interior loudspeaker)
- electronic operating unit
- 2 exterior microphones with connecting cable (length: 5 m)
- hand-held control unit with spiral cable, integrated microphone and interior loudspeaker
- external pressure chamber loudspeaker with connecting cable (length: 5 m)

*Homologation: (Germany and international)*

EMC according to 72/245/EWG:

e1 03 3040

# Under-threat alarm system (GAS)

The GAS system has been specially developed for use in armoured vehicles such as armoured limousines or cash-in-transit vehicles. The primary functions of GAS are a two-way intercom communication and an alarm that is triggered in the event of an attack on the vehicle. In addition, there is also an option of using GAS in conjunction with a beacon as a special signalling system.

Components	Mounting location	Functions
Operating unit GAS 614 or GAS 624	in the vehicle interior	<ol style="list-style-type: none"> <li>1. two-way intercom communication</li> <li>2. generation of an attack alarm</li> <li>3. control of a beacon</li> <li>4. generation of special signals</li> </ol>
DKL 604 (1 or 2 pieces)	behind the radiator grille	<ol style="list-style-type: none"> <li>1. playback of voice traffic from the vehicle interior</li> <li>2. broadcast of the attack signal</li> <li>3. broadcast of the special signal</li> </ol>
Mirror microphones (2 pieces)	exterior vehicle mirror	recording of the voice traffic/sounds surrounding the vehicle
Hands-free and/or rod microphone	e.g. near driver seat	recording of the voice traffic inside the vehicle
Push button or control unit	e.g. near driver seat	<ol style="list-style-type: none"> <li>1. activation of attack alarm as panic button</li> <li>2. activation of voice traffic</li> <li>3. activation of the beacon and special signal, if installed</li> </ol>
Interior loudspeakers	use interior loudspeakers of the vehicle or order and install separately - near the driver seat	playback of the mirror microphone signals
Optional: beacon	on the vehicle roof	required in combination with the special acoustic signal to clear a path on the way to a location

# Under-threat alarm system (GAS)

## PRODUCT FEATURES:

- the amplifier circuit developed for special-purpose vehicles creates a very high sound pressure level, even for the attack alarm – increased safety for vehicle occupants
- two-way intercom communication in closed, armoured vehicle possible with very clear voice transmission
- no intervention in the vehicle body required – easy mounting, compact design of the components, discreet to install
- unique combination of intercom, special signal (pre-programmed with German homologation and US tones selectable) and attack alarm

*For more information or a non-binding consultation, please contact us.*

## Operating unit GAS 614/624



The perfect balance between amplifier technology and the DKL 604 produces extremely high sound pressure for the special signal and alarm. The integrated intercom with outstanding voice quality allows communication with people on the outside of an armoured vehicle, e.g. by using the vehicle hands-free device and additional microphones installed in the exterior mirrors.

- powerful output stage (GAS 624) for attack alarm and special signals (many pre-programmed)
- homologation for German special signal according to DIN 14610 with two or even just one DKL 604
- integrated intercom
- extremely compact control unit

### *Homologation: (Germany and international)*

Acoustic according to TA32:	W 25071
EMC according to ECE R-10:	(E) 10R-05 8888