

# Don't get mugged... ...it's Gas!



**Don't wake up in the morning to a very bad hangover and all your valuables missing**

The **KOMBIALARM** is a Combined fully automatic LPG and Sleeping gas alarm warning system with specially designed built-in sensor and audio signalling units.

The KOMBIALARM-COMPACT Single Sensor Unit is designed for the smaller volume vehicles up to approx. 7 meters in length.

The KOMBIALARM is designed for larger vehicles where additional sensors and warning devices are required.

The KombiAlarms will detect the smallest concentration of Sleeping Gas before it renders the occupants unconscious. The alarm threshold for Butane, Propane, Methane & CO is set well below the level that the gases become volatile.

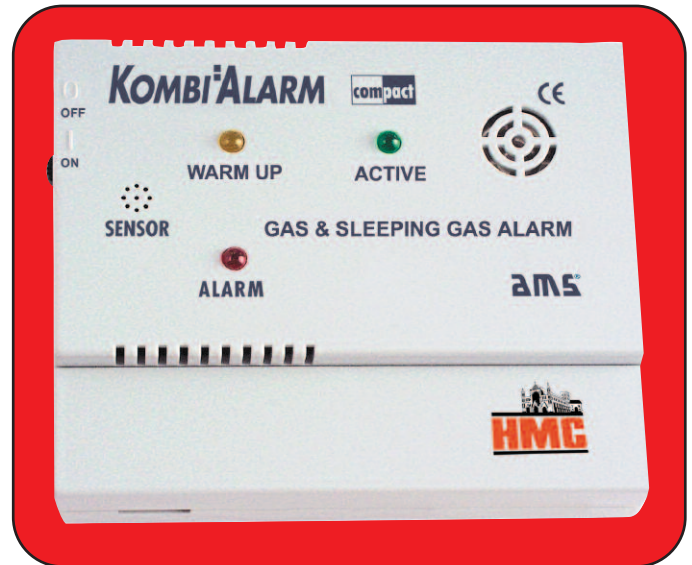
- Low power consumption.
- Operates from a standard 12 Volt DC supply.
- For use in: Caravans, Mobile homes, Boats & Lorry Cabs
- Fully automatic sensor thresholds.

#### Additional sensor types for KOMBIALARM

- KO/LPG Sensor detects Ether based KO Knockout Sleeping Gas, Propane Butane and Methane
- CO Sensor detects Carbon Monoxide and Smoke
- Either type can be fitted as second or third sensors.
- 3 m connection cable included.



Distributed by



#### KOMBIALARM compact

1-Sensor System for smaller caravans, mobile homes, Boats & Lorry Cabs where the deployment of one sensor unit is sufficient to detect gas and Sleeping gas.



#### KOMBIALARM +

As Compact version with connections for two additional sensor units and relay output for additional remote alarm signals.



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# KOMBI:ALARM

The AMS Kombi:Alarm and Kombi:Alarm-Compact are fully automatic self contained alarm systems manufactured using complete semiconductor electronics. There are no replaceable parts or user adjustments. The units are designed for connection to a 12Vdc (-10 to +20%) supply. The instruments are equipped with a

very special proven sensor which allows the units to function as **both Gas Alarm and Sleeping Gas Alarm systems.**

The **Kombi:Alarm** has been specifically designed to allow up to two extra sensors to be connected where the size of the vehicle requires. It is recommended that a

2nd sensor be fitted to vehicles exceeding 7 meters in length. **CO (Carbon Monoxide) sensor can be fitted as sensor 2 or sensor 3 on the KombiAlarm central processing unit.** There is also a relay output available to connect an external flashing light or siren etc.

### Features:

- On/Off switch
- Yellow LED for warm-up phase
- Green LED for operation - Active
- Red LED's for alarm indication
- Electronic siren with 85 dB (A) / 3 m
- Relay output 1A / 30V DC floating double-throw type (KombiAlarm Only)

### Alarm threshold / sensitivity for gas:

Butane (liquid gas)	ca. 0,4 %
Propane (liquid gas)	ca. 0,5 %
Methane (natural gas)	ca. 0,8 %
Carbon Monoxide	ca. 100ppm

### Alarm threshold / sensitivity for anaesthetic gas:

Narcotic (sleep gas)	ca. 100ppm
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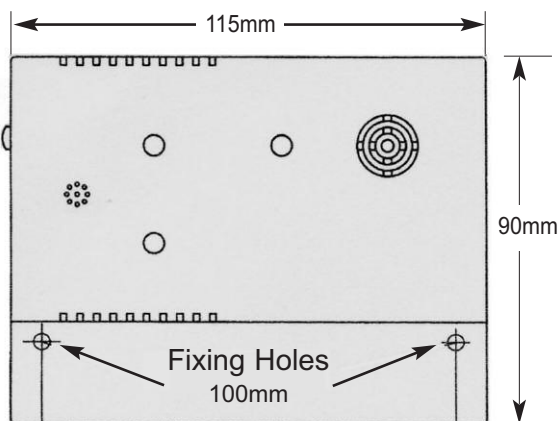
### Technical data:

Operating Voltage:	12 V DC (-10 to +20%V d.c)
Power consumption:	ca. 90 mA (state of rest) ca. 145 mA (state of alarm)

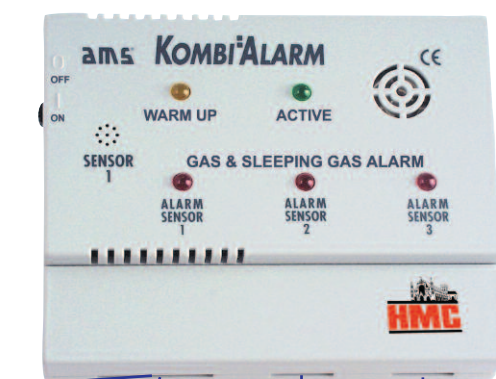
### Additional sensors

LPG/Narcotic gas	ca. 60mA
Carbon Monoxide	ca. 130mA

### Dimensions of Main Processing Unit:



External Flashing Light & Siren Dia 93 x 92



External Signal Lamp Dia 100 x 95



Optional 2nd and 3rd sensors KO Narcotic / LPG or CO

### Optional Sensor

50mm x 50mm x 24mm



Specifications subject to design change due to continuous improvement



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