

Additional Products for Commercial Vehicles

All O.W.L. commercial vehicle products operate on 12 or 24 volts as standard.** Electronics on external units are encapsulated for maximum protection against water ingress and vibration.

All reversing alarms may be wired for automatic night-silent operation and a single Over-ride Unit is available to perform both day and night over-ride functions.

O.W.L. recommend the use of "talking" alarms because they are proven to be more effective than conventional beepers and electronic sounders. However O.W.L. will supply units programmed with whatever sound the purchaser specifies.

All "talking" alarms may be programmed with a personalised message (e.g. including the name of the vehicle operator) if specified at time of order.

** Other voltages may be specified at time of order for specialist applications such as fork lift trucks. A voltage dropper is recommended for some products when fitted to vehicles with "smart" alternators, auxiliary battery charging or powered equipment installations.

HANDBRAKE ALARM

Simple to fit yet effective in operation. This unit gives the warning message "DRIVER APPLY THE HANDBRAKE" if the driver's door is opened whilst the handbrake is off. Particularly appropriate for articulated vehicles where the problem may only become apparent after the driver has left the cab, and disconnected the trailer!

DRIVER TRAPPED ALARM

Designed specifically for fitting to freezer vehicles and refrigerated cabinets. A panic button inside the cabinet triggers a message outside "HELP DRIVER TRAPPED INSIDE VEHICLE"

ATTACK ALARM

For use on cash-in-transit vehicles, buses and mobile libraries etc. May be triggered by internal alarm system or panic button. Gives a loud siren followed by an individual message such as "SECURITY VEHICLE UNDER ATTACK...CALL THE POLICE IMMEDIATELY"

STABILISER JACKS ALARM

Avoids the problem of vehicle being driven away with jacks down, causing considerable damage to road surface and vehicle alike. "DO NOT DRIVE...JACKS LOWERED". Have you ever seen a mobile crane driving along the road with a side stabiliser jack extended? Imagine the possible consequences!

TAIL LIFT ALARM

Two models available, one to warn "STAND CLEAR...TAIL LIFT IN OPERATION"

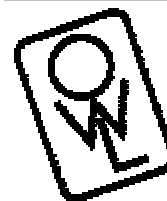
The second to prevent pedestrians being severely injured by vehicles reversing with the tail lift partially down. "DO NOT DRIVE..TAIL LIFT NOT STOWED"

ANTI-BRIDGE-BASHING ALARM

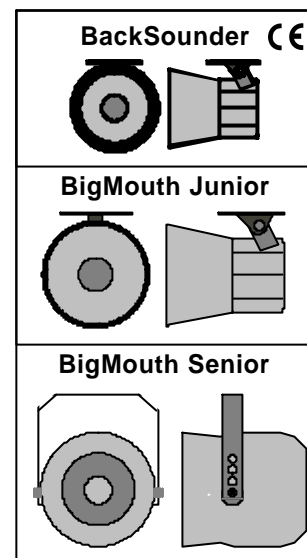
A classic for tipper bodies, lorry loaders, crane jibs and extending platforms etc. The message may be personalised to the individual application e.g. "DO NOT DRIVE...TIPPER BODY RAISED".

If your application is not shown above please contact O.W.L. we specialise in specials!

Reversing Alarm - Installation and operating instructions



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BigMouth Junior and Senior are both talking reversing alarms and are type approved ('e' marked) in accordance with 95/54/EC. Both models are supplied 12/24 volt as standard. The BackSounder is an electronic beeper. It is not covered by Type Approval and only carries the 'ce' mark.

Every alarm is fully tested before leaving the factory. If you wish to check operation before fitting, the alarm may be tested on a battery by connecting the red wire to +ve and the black wire to -ve. All models are reverse-polarity-protected. If the orange wire is connected to +ve whilst the alarm is operating it should immediately stop sounding.

The alarm is extremely reliable in use. If it fails to operate please check the wiring connections and the vehicle's reversing light switch. Each alarm carries a minimum 24 month back-to-base warranty. Repairs or replacements will only be considered if the unit is returned unopened, unmodified and has sufficient length of wire to enable bench testing.

The alarm should be mounted facing to the rear of the vehicle (horizontal to allow any water to drain out) not too close to a wheel and with sufficient ground clearance. It may also be mounted high up, e.g. on top of a cab. Electronic components are encapsulated to protect against water and vibration.

NOTE: On all models, the angle of the alarm may be adjusted after its mounting bracket has been fastened to the vehicle. Bolts which secure the alarm to the bracket should be tightened only enough to compress the spring washers. Over-tightening of these bolts may cause damage to the alarm which will render the warranty invalid.

Wiring Connections

It is strongly recommended that the alarm is always wired for automatic operation via the reversing light circuit i.e. not wired to operate via a manual switch. This will prevent deliberate or inadvertent permanent disabling of the reversing warning signal. The alarm may be wired to give automatic night-silent operation or in conjunction with an Over-Ride unit for greater flexibility under special operating conditions.

If you are fitting an Over-Ride unit you will require a push button (momentary-contact) switch to mount in the vehicle dashboard. A standard switch is available separately from OWL but most customers prefer to use those supplied by the vehicle manufacturer to match switches already fitted in the vehicle. The type of switch used to operate electric windows is suitable.

n.b. The standard alarm is not designed for use in explosive atmospheres. Specially wired alarms are available for use on petrol tankers

