

# Backscan Reversing Sensor System

## 2.5/0.6m, 4 Sensor System



### Description

Brigade's ultrasonic detection and warning systems alert the driver of potential danger. An audible warning informs the driver of the distance between vehicle and obstacle, minimising both vehicle damage and collisions with pedestrians, cyclists or objects. Fitted to rear of vehicle as an invaluable aid to safe reversing. Gives greater protection to pedestrians and workers, whilst minimising damage to vehicle and other objects.

### Features and Benefits

- 4 sensor system
- Audio Visual Display
- Underslung or flush mount installation
- 2.5m detection range - outer sensors can be reduced to 0.6m
- Detection within 200ms
- System activated by reverse gear
- 50cm compensation range for sensors fitted inboard of vehicle rear

### Options

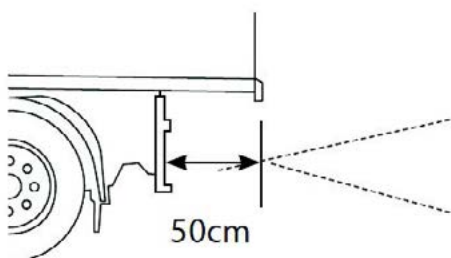
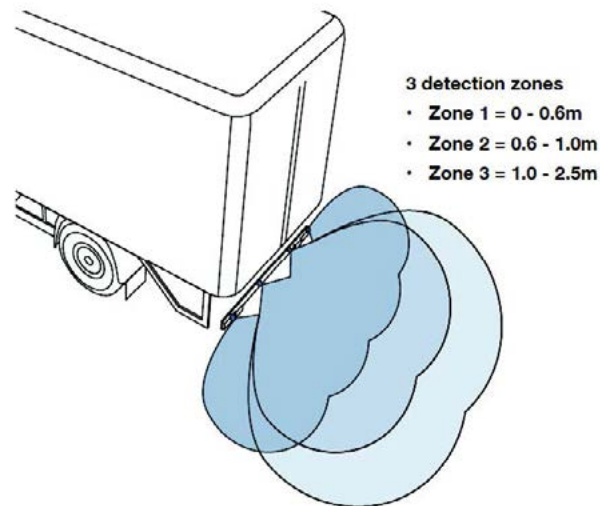
- Can be fitted to articulated vehicles with additional suzie cables
- 3 stage visual distance warning display

### Applications

Perfect for road going commercial vehicles regularly operating in confined spaces or manoeuvring at low speed.

### Tech Specs

Operating Voltage	10-32V DC
Current Draw	200mA @ 12V DC
Wattage	2.4W
Buzzer Frequency	2400Hz ± 200Hz
Volume	76 ± 5dB @ 30cm
No. of Detection Zones	3
Zone Distances	Zone 1 = 0.00-0.60m Zone 2 = 0.60-1.00m Zone 3 = 1.00-2.50m
Zone Tolerance	±10cm
Min Sensor Height	400mm
Max Sensor Cable Length	10m
Detection Angle	90°(H), 60°(V)
Cable Specification	24 AWG
Casing Material	ABS + 70% PC
Colour	Black
Output Trigger	Switched Ground 250mA max
Vibration	5G
Shock	10G
Connector IP Rating	IP68
ECU IP Rating	IP69K
Operating Temperature	-30°C to +80°C
Storage Temperature	-40°C to +85°C
Approved Standards	CE, FCC, 'E' Mark (UNECE Regulation 10 Revision 04), RoHS, HALT



50cm compensation range for sensors fitted inboard of vehicle rear (selectable via dip switch)

Part No.	Parts	Detection	Range	No. Zones	Amps (12V)	Watts
A3744	1 x ECU, 1 x Audio Visual Display, 4 x Sensors, 4 x 2.5m sensor cables, 1 x 15m display cable, 4 x 0° sensor sleeves, 4 x 11° sensor sleeves, 1 x installation guide	200ms	2.5m	3	200mA	2.4W



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