

PROXIMITY RADAR – Sound judgement for safer reversing

PRECO PREVIEW OBJECT DETECTION RADAR SYSTEM

- Patented 5.8GHz pulsed time domain radar detects **100%** of static and moving objects at up to 8 metres
- Sweeps 5 million times per second and processes and reports detections in **0.5 seconds**
- Detects closest object in field of coverage
- Visual/audible in-cab display unit
- Fault indicator
- Environmentally sealed sensor (standard model only)
- Multiple sensors can be installed (programmable model only)
- Can be connected to a reverse alarm to minimise environmental noise pollution
- Effective in extreme weather conditions
- Virtually maintenance free
- CE and 'e' certified and fully compliant with SAE J1455 environmental specifications
- 2 years warranty



TECHNICAL DATA

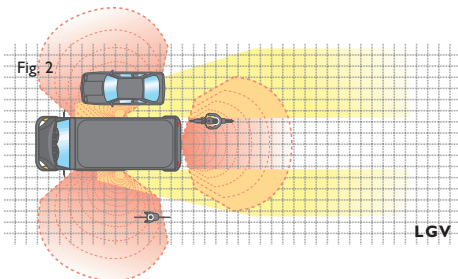
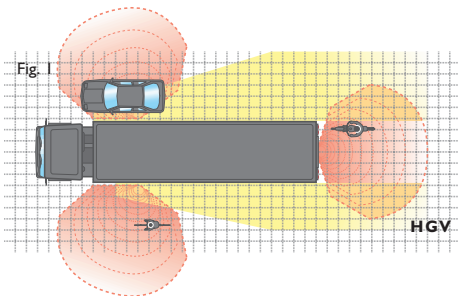


PreView™

COMPARISON TO OTHER RADAR SYSTEMS

CHARACTERISTICS	PREVIEW PULSED RADAR	DOPPLER RADAR	ULTRASONIC	LASER	INFRARED
Detects Stationary objects	Yes	No	Yes	No*	No*
100% Detection of all Objects	Yes	Yes	No	No	No
Detects Multiple Objects	Yes	Yes	Poor	Poor	Yes
In-Cab Display	Yes	Yes	Yes	Yes	Yes
Co-location Detection Units	Yes	No	Yes	Yes	Yes
Daylight	Yes	Yes	Yes	Yes	Poor
Sunlight Glare	Yes	Yes	Poor	Poor	No
Darkness	Yes	Yes	Yes	Yes	Yes
Dirt, Mud	Yes	Yes	No	No	No
High Wind	Yes	Yes	No	No	No
Rain, Snow, Sleet	Yes	Yes	No	Yes	No
Low Maintenance	Yes	Yes	No	No	No
Easy Installation	Yes	Yes	Yes	No	No
Large Coverage Area	Yes	Yes	No	No	Yes
Audible Alarm	Yes	Yes	Yes	Yes	Yes

* Configuration Dependent



KEY:

Area Of Detection ■

PREVIEW PULSED RADAR

Radar Frequency	5.8GHz
Rated Voltage	DC 9V-33V
Power Consumption	0.5W
Operation Temperature	-40°C to 85°C
Error Indicator	Yes
Direction Distance	Up to 8 Metres (Model dependant)
Number of Detectors	1
Vertical Beam Angle	30°
Horizontal Beam Angle	150°
Detection Angle	Up 15° Down 15°
Visual Warning	5 LED
Audio Warning	4 Tones
Alarm Frequency	1,2,4 and 8 Hz

ADDITIONAL FEATURES

- Avoid accidents and injuries
- Minimise collision damage and reduce repair costs
- 100% detection rate even in extreme conditions
- Easy installation
- Integrates with existing reverse alarms
- Virtually maintenance free



All Round Vision, PreView™ and Optronics™ are trademarks of Spillard Safety Systems Ltd.
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