

# HAWKEYE PARKING SENSOR SYSTEM



## AVPROX6400KXP

- 4 sensors underslung for mounting under bumpers or trailer back bars
- PCB built into sensors to boost signal for optimum performance
- Waterproof ECU
- Digital distance display with buzzer
- DSM scanning technology
- 4 sensors system designed for heavy trucks and buses
- Dual voltage
- This is the ultimate parking sensor system.
- The sensor leads are 9" long to make changing damaged sensors a simple operation

## Spare Parts



### AVPROX6400ECU

Spare waterproof ECU for AVPROX6400 series complete with in line fuse holder.



### AVPROX6400KXPSEN

Spare KXP sensor (underslung) complete with built in PCB to boost the signal to ECU.



### AVPROXDISP Spare display unit

Spare display does not come with the extension lead as shown. Extension lead is sold as a separate item.

## Technical data

| Control Box             |               |
|-------------------------|---------------|
| Item                    | Specification |
| Specified voltage       | DC12V/24V     |
| Operating voltage range | DC9.6V~30V    |
| Standby current         | Below 100mA   |
| Operating current       | Below 200mA   |
| Operating temperature   | -25°C ~ 80°C  |
| Storage temperature     | -30°C ~ 85°C  |
| Operating frequency     | 40KHz ± 2KHz  |

| Sensor                  |                                 |
|-------------------------|---------------------------------|
| Item                    | Specification                   |
| Operating voltage range | AC 90 ~ 130V <sup>P-P</sup>     |
| Operating temperature   | -25°C ~ 80°C                    |
| Storage temperature     | -30°C ~ 85°C                    |
| Operating frequency     | 40KHz ± 2KHz                    |
| Detection angle         | 120° Horizontal<br>60° Vertical |
| Detection method        | Ultrasonic wave                 |

| Problem   | Reason                            | Solution                            |
|---|-----------------------------------|-------------------------------------|
| System does not work when reverse gear is engaged       | Bad connection of main power lead | Check power lead                    |
|   | Bad jack connection               | Reconnect all jacks                 |
| Audio alarm/same distance displayed continuously        |                                   | Reset the system                    |
|   | Sensor detects the ground         | Adjust angle of sensor installation |
| Not any audio alarm when obstacle is in detection range |                                   | Reset the system                    |
|   | Bad sensor connection             | Reconnect sensors                   |
| False alarm   | Sensor detects the ground         | Adjust angle of sensor installation |