



Ultrasonic Sonar System

Under development

Detects obstacles in front and behind the vehicle and alerts the driver

Detects obstacles using ultrasonic sensors and alerts the driver with an alarm sound and monitor display

► This is an auxiliary device designed to prevent vehicle collisions before they occur

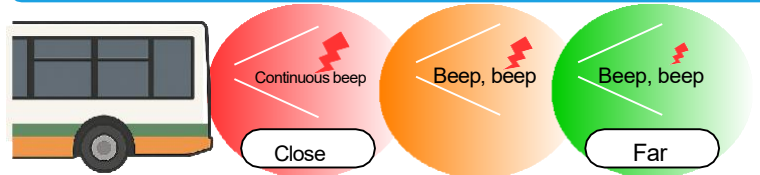


System Features

Sensors are installed in the driver's blind spots to alerting you to pedestrians and obstacles

- **Displayed on a dedicated monitor**
 - Clear display of distance to obstacles
- **Alerts with alarms and voice prompts**
 - Voice guidance indicates detection location and "danger" zones
- **Equipped with a maximum of 12 ultrasonic sensors**
 - Covers blind spots in all directions
- **Detection distance can be individually configured**
 - Individually set detection ranges for front, rear, left, and right

Detection range and alarm



Monitor screen



System Components

Ultrasonic Sensor Module

This sensor acquires distance information to obstacles. Maximum 12 units can be connected.



Control Unit

Controls the sensor and outputs information to the monitor based on the detection distance



Monitor

Displays information on the screen based on distance data and can play alarm sounds and voice messages.

