

CBA[®]

AS-7021

Parking Alert Manual



- Ultrasonic sensor allows precise parking in a garage or parking spot
- Adjustable sensing distance
- Battery operated with low-battery indicator (batteries not included)
- Wall mountable using either double-sided foam tape or screws
- Simple traffic light colors indicate distance (green – vehicle detected, yellow – warning, and red – stop)

CBA Parking Alert

Specifications:

Power		1.5V AA Batteries x4 (not included)
Estimated battery life		Up to 6 months (5 triggers/day)
Low battery indicator		< 4.4 VDC
Current draw @ 6VDC	Active	30mA
	Standby	10mA
	Sleep	0.23mA
Sensor frequency		40kHz (ultrasonic)
Sensing range		5' (1.5m)
Material		ABS Plastic
Operating temperature		-40°~185° F (-40°~85° C)
Operating humidity		80% or less (non-condensing)
Dimensions	Parking Alert	5 ³ / ₈ "x3 ³ / ₈ "x1 ⁵ / ₁₆ " (137x85x33 mm)
	Cable length	28" (71cm)
	LED Module	1 ⁹ / ₁₆ "(40mm)
Weight		5.6-oz (158g)

Parts List:

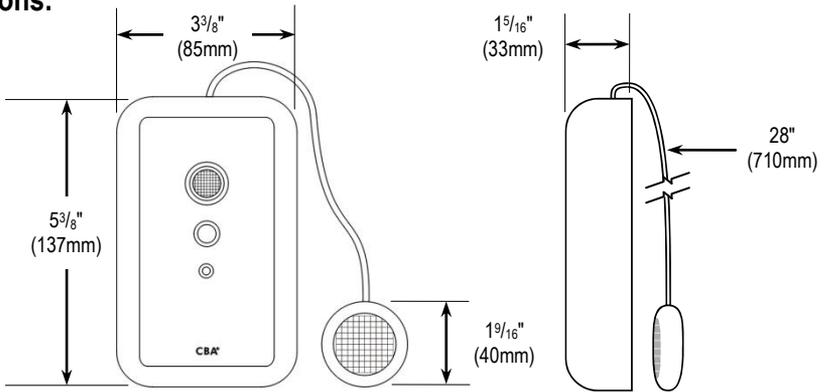
1x Parking Alert

1x Manual

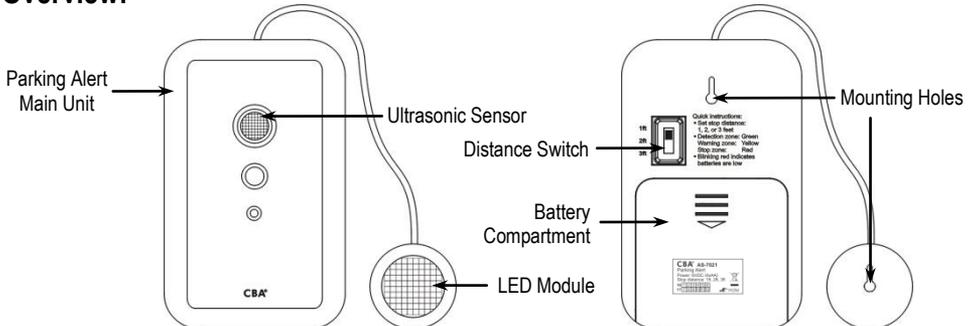
2x Mounting screws

2x Plastic wall anchors

Dimensions:



Overview:



Initial Setup and Installation:

Installing Batteries:

1. Slide the battery cover on the back of the unit down to reveal the battery compartment.
2. Insert 4 AA batteries (not included), making sure to observe correct polarity.
3. Slide the battery cover back into place.

Determining the Mounting Location:

1. To ensure vehicle detection, no object should be between the vehicle and the parking alert.
2. The main unit should be installed on a flat vertical surface. Mount the unit at a height in line of vision of the vehicle directly ahead as it enters the parking space and no more than 3 feet from the vehicle's desired parking location.
3. The LED module should be installed at a height easily visible to the vehicle's driver.

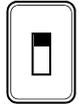
Setting Parking Sensing Distance:

Based on the determined mounting location, set the distance switch to the desired parking distance. The AS-7021 Parking Alert has 3 different range settings to choose from:

Parking distance: 1 ft.:

- Vehicle detected: 2-5 ft. (60~150cm), LED becomes Green
- Warning: 1-2 ft. (30~60cm), LED becomes Yellow
- Stop: 1 ft. (about 30cm), LED becomes Red

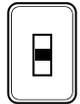
1 ft.
2 ft.
3 ft.



Parking distance: 2 ft.:

- Vehicle detected: 3-5 ft. (90~150cm), LED becomes Green
- Warning: 2-3 ft. (60~91cm), LED becomes Yellow
- Stop: 2 ft. (about 60cm), LED becomes Red

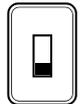
1 ft.
2 ft.
3 ft.



Parking distance: 3 ft.:

- Vehicle detected: 4-5 ft. (120~150cm), LED becomes Green
- Warning: 3-4 ft. (90~120cm), LED becomes Yellow
- Stop: 3 ft. (about 90 cm), LED becomes Red

1 ft.
2 ft.
3 ft.



NOTE: The detection margin of error is $\pm 1 \frac{1}{2}$ " (4cm).

Mounting:

Before final installation, have someone temporarily hold the parking alert in place and test to confirm that the car can be detected by the parking alert and the driver can see the LED module.

Mounting with double-sided tape:

1. Ensure that the mounting surface is clean and dry.
2. Stick the double-sided foam tape to the back of both the main unit and the LED module.
3. Press each unit to the surface of the mounting location and hold for 30 seconds to ensure a firm grip.

Mounting with included screws:

1. Use the included screws and the plastic wall anchors, if needed, to mount both the main unit and the LED module.

General Operation Instructions:

Operation:

1. Exercise caution, especially at first use, to make sure the alert distance is set correctly and the unit is properly mounted so that it is consistently able to detect the vehicle properly.
2. As you drive into the parking space, watch for the LED indicator. The green LED will light to indicate that a vehicle has been detected, changing to yellow to warn the driver that the stopping point is near, and turning red when the correct location is reached.

Low Battery:

1. Normally, the red LED will indicate the proper stopping location, but if the red LED continues to flash after parking, the batteries are getting low and should be replaced.
2. When the batteries are discharged, or if the unit is not to be used for an extended period, remove the batteries to avoid possible leakage which can damage the unit.

Notice:

1. The parking alert is affected by changes in temperature. As the temperature changes from that of the initial setup, the distance setting may need to be adjusted. The driver should be alert to potential changes and ensure that the setting is adequate for safe parking.
2. The parking alert is designed for low speed parking. If the vehicle's speed is too fast, the parking alert response may not give the driver enough time to react.
3. Avoid moisture and locations with very high humidity.

NOTES:

- The parking alert uses an ultrasonic sensor which can affect some radio equipment. Do not install this product near Maritime security communication equipment or other related equipment with a GPS or a frequency between 0.45-30MHz.
- Some cars also use ultrasonic radar and may also cause interference. Keep the parking speed below 10mph (16kph).

LIMITED WARRANTY: This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for one (1) year from the date of sale to the original customer. SECO-LARM's obligation is limited to the repair or replacement of any defective part if the unit is returned, transportation prepaid, to SECO-LARM. This Warranty is void if damage is caused by or attributed to acts of God, physical or electrical misuse or abuse, neglect, repair or alteration, improper or abnormal usage, or faulty installation, or if for any other reason SECO-LARM determines that such equipment is not operating properly as a result of causes other than defects in material and workmanship. The sole obligation of SECO-LARM and the purchaser's exclusive remedy shall be limited to the replacement or repair only, at SECO-LARM's option. In no event shall SECO-LARM be liable for any special, collateral, incidental, or consequential personal or property damage of any kind to the purchaser or anyone else.

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