



ITSS-9009

Sensor Parking Attendant



INTRODUCTION

Let the Parking Attendant help you consistently guide your car to a safe stopping distance. The Parking Attendant is low maintenance, easy to install, and operates for about a year without having to replace the batteries under normal use.

The Parking Attendant consists of a sensor module and a display module. The sensor module transmits harmless ultrasound pulses that are reflected by an incoming object. When a vehicle is detected, more pulses are transmitted to track the incoming vehicle speed and distance. The display unit, mounted where the driver can easily see it, uses a bright GREEN light to indicate that the vehicle has been detected. A bright YELLOW light indicates when you are close to your stopping distance. When the vehicle reaches the desired stopping distance, a RED light will illuminate and stay on

INSTALLING BATTERIES

Batteries will last for approximately one year. When it is time to replace the batteries, a flashing red LED will appear in the display module (after the solid red LED times out) to warn the user.

1. Remove screws from the battery compartment cover on the back of the sensor module and remove cover.
2. Insert 4 new "AA" alkaline batteries (not included) according to polarity diagram inside battery compartment.
3. Replace cover and screws.

IMPORTANT: Remove batteries before storing the Parking Attendant for extended periods. Batteries corrode over time and may cause permanent damage to the unit. Different types of batteries or new and used batteries should not be mixed. Exhausted batteries should be removed from the unit and disposed of properly.

SETTING THE DESIRED STOPPING DISTANCE

The Parking Attendant has 3 selectable stopping distances.

1. **STOP AT 1-FOOT**
Detection Zone: 2-5 feet (green LED)
Slowing Zone: 1-2 feet (yellow LED)
Stop Zone: 1 foot (red LED)
2. **STOP AT 2-FEET**
Tracking Zone: 3-5 feet (green LED)
Slowing Zone: 2-3 feet (yellow LED)
Stop Zone: 2 feet (red LED)

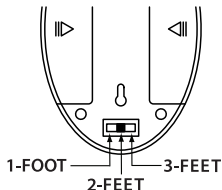
3. STOP AT 3-FEET

Detection Zone: 4-5 feet (green LED)

Slowing Zone: 3-4 feet (yellow LED)

Stop Zone: 3 feet (red LED)

Using the slide switch located on the back of the sensor unit, you can set the Parking Attendant to your desired stopping distance. Unit works best when the path between sensor unit and car is free from any obstructions.

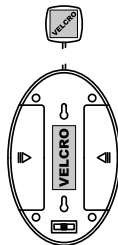


SETTING THE DESIRED STOPPING DISTANCE

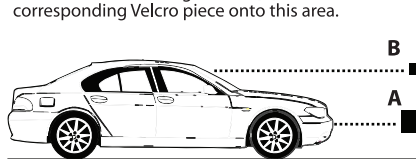
MOUNTING THE PARKING ALERT

VELCRO MOUNTING:

1. Place the larger Velcro piece onto the back of the sensor module in between the two battery compartments.
2. Clean a small area of the wall which is along the center line of the parking area, at the same height as the bumper of the vehicle that the Parking Attendant will be used with (A). Make sure that all dust and debris have been removed from this area. The sensor module should also be directed towards the center of the car. Place the corresponding Velcro piece onto the cleaned area. The module should hang vertically on the wall.
3. Place the smaller Velcro piece onto the back of the display module between the screw holes.
4. Clean a small area of the wall which is easily seen by a driver of an incoming vehicle (B). Place the corresponding Velcro piece onto this area.



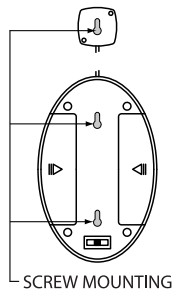
VELCRO MOUNTING



SCREW MOUNTING:

Four Screws required (not included). Recommend 4mm diameter pan-head screws.

1. Using 2 screws, mount the sensor module along the center line of the parking area, at the same height as the bumper of the vehicle that the Parking Attendant will be used with.
2. Using a screw, mount the display module above the sensor module where it can be easily seen by a driver of an incoming vehicle.



SCREW MOUNTING

OPERATION

The Parking Attendant should now be properly installed and ready to go. However, it is advised that you test that both the modules are mounted and functioning correctly.

TEST

Pull vehicle slowly into parking area until display unit shows a green light (vehicle detection), then a yellow light (vehicle tracking), and then a red light when the stopping zone is reached.

LOW BATTERY WARNING

When the batteries in the Parking Attendant need replacement, the display module will show a flashing RED indicator light following all parking events. Please replace batteries promptly following the previous directions. The Parking Attendant was designed to provide up to 1 year of battery life under average use conditions.

NOTE:

Parking Attendant stop distances can vary due to temperature, weather and vehicle type. It is important to check your reaction time and leave sufficient stopping distance for these variations. Always test the desired stop distance when parking a new vehicle and adjust mounting location or stopping distance if necessary.

The Parking Attendant was designed for slow speed parking. For rapid entrance speeds, the display module may not accurately reflect distance. The Parking Attendant is not suitable for use in wet locations.

SPECIFICATIONS

Operating
Voltage.....4.1~6.5V
Power Supply.....4 size AA cell (6.0V)
Low Voltage
Detection.....4.3+/-0.15V
Working Mode Current.....<60mA (RED LED ON)
Standby Mode Current.....Transmit 5.0mA

Sleep: 0.02mA
Average: 0.23mA

LED INDICATION STATE:

Detection Zone (green LED).....30-second time out
Slowing Zone (yellow LED).....10-second time out
Stop Zone (red LED).....15-second time out
Low Voltage Alert (red flashing LED): 60-second time out

Ultrasonic Frequency.....40 KHz
Minimum Range.....~6 inches
Maximum Range.....~6 feet

FCC STATEMENT

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Innovative Technology Electronics Corp.
Limited Warranty: 90 Days Labor, One Year Parts

Innovative Technology Electronics Corp. (IT) warrants the product to be free from "Defects" in materials under normal use for a period of "One Year" from the date of the original purchase. The Warranty is "Not" transferable. IT agrees, within the initial "90 Day" period, to repair or replace the product if it is determined to be defective at "No Charge". It is further agreed that IT will cover the cost to repair or replace damaged "Parts" only for a total period of "One Year" from the date of the original purchase. The warranty does not cover cosmetic damage, antennas, AC cords, cabinets, headbands, ear-pads, or damage due to line power surges, connection to improper voltage supply or settings, misuse, mishandling, accident, acts of God or attempted repair by an unauthorized service agent.
To obtain service, the purchaser MUST present an original sales receipt / proof of purchase. Please contact us at www.ithomeproducts.com to request an RMA (Return Material Authorization) number to return products for service or replacement. Returns without an RMA number on the package will be refused and returned to sender. Upon receipt of the returning item and our full inspection (IT) may issue a replacement to customer for the same item or one that has equivalent value and features. To return an item, supply full name, return address, phone number, item purchased, receipt of purchase and reason for return to obtain RMA number.

All returns must be in the original packaging or reasonable substitute to prevent damage.

Customer "Must" include full name, shipping address and telephone number inside of package. No return will be shipped back to a PO Box or APO address.
Please include your check or money order in the amount of

- **US\$55.00 for items \$10.00 to \$39.99 (Price Paid Per Unit)**
- **US\$10.00 for items \$40.00 to \$99.99. (Price Paid Per Unit)**
- **US\$16.00, for items \$100.00 and up. (Price Paid Per Unit)**
- **Shipping fees are non-refundable**

to be payable to Innovative Technology Electronics Corp.(for handling and return shipping charges) (IT) will not be responsible for delays or unprocessed claims resulting from a purchaser's failure to provide any / all of the necessary information.
Send all inquiries or RMA request via our website www.ithomeproducts.com/support.

Innovative Technology Electronics Corp.
1 Channel Drive
Port Washington, NY 11050
Toll free: 1-877-483-2497
Website for support: www.ithomeproducts.com/support

There are no express warranties except as listed above.
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