

## **magnetic parking sensor**

Installation & Operation Manual  
v1.0

[www.letsyada.com](http://www.letsyada.com)

Thank you for purchasing the Magnetic Parking Sensor. This parking sensor was designed to give additional convenience when driving or operating your vehicle. The Magnetic Parking Sensor determines the distance of the obstacle while doing a reverse or parking maneuver. All parts needed to install and operate the system are included in this package.

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### WINPLUS NORTH AMERICA

#### LIMITED WARRANTY

Winplus North America warrants, to the original purchaser, that its products are free from defects in material and workmanship for 1 year from the date of original purchase. Where permitted by law, Winplus North America's liability shall be limited to that set forth in this limited express warranty. This limited express warranty shall be the exclusive remedy of the purchaser and Winplus North America makes no other warranty of any kind aside from the limited express warranty stated above.

**NOTE:** Warranty only applies for North American customers or purchases made in the North America.

#### CONDITIONS OF WARRANTY

If during the 1 year warranty period your new product is found to be defective, Winplus North America will repair such defect, or replace the product, without charge for parts or labor subject to the following conditions:

1. All repairs must be performed by Winplus North America.
2. All warranty claims must be accompanied by a copy of the sales receipt or bill of sale.
3. The equipment must not have been altered or damaged through negligence, accident, improper operation, or failure to follow the product instructions for installation, use, or care.

4. The replacement of parts is excluded from the warranty when replacement is necessary due to normal wear and tear.
5. Repair or replacement parts supplied by Winplus North America under this warranty are protected only for the unexpired portion of the original warranty.
6. This is a "repair or replace" warranty only, and does not cover the costs incurred for the installation, removal or reinstallation of the product, or damage to any mobile phone device or vehicle.

#### OWNER'S RESPONSIBILITIES:

Winplus North America will make every effort to provide warranty service within a reasonable period of time. SHOULD YOU HAVE ANY QUESTIONS ABOUT SERVICE RECEIVED OR IF YOU WOULD LIKE ASSISTANCE IN OBTAINING SERVICE, PLEASE CALL TOLL FREE 1.866.294.9244 DURING REGULAR BUSINESS HOURS MONDAY THROUGH FRIDAY 9:00 AM TO 5:00PM.

**NOTE:** Toll Free # is for North America Customers ONLY. See Customer service section for customer contact numbers for other regions/offices.

In order to provide you with the proper warranty service, we request that you adhere to the following procedure:

1. Include a copy of your sales receipt or bill of sale with your unit when it is returned for warranty service.
2. If it is necessary to return your product for service, please return it securely packed, preferably in the original shipping box, and freight and insurance prepaid to the following address:

**ATTN: CUSTOMER CARE PRODUCTS RETURNS**  
**820 South Wanamaker Avenue,**  
**Ontario, CA 91761**

3. Please include a detailed explanation of the problem you are having.
4. If your product is found by Winplus North America to have a defect in material or workmanship, within the warranty period, it will be repaired or replaced at no charge and returned to you prepaid.

Winplus North America makes no other warranty of any kind aside from the limited express warranty stated herein.

DISCLAIMER OF WARRANTIES, INCLUDING WARRANTY OF MERCHANTABILITY AND WARRANTY OF FITNESS FOR PARTICULAR PURPOSE: EXCEPT AS SPECIFICALLY SET FORTH HEREIN, NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, IS MADE AS TO THE MAGNETIC PARKING SENSOR. EXCEPT AS EXPRESSLY SET FORTH HEREIN, WINPLUS NORTH AMERICA AND/OR ITS AFFILIATES EXPRESSLY DISCLAIMS, WITHOUT LIMITATION, ANY STATUTORY WARRANTIES AND ALL IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Winplus North America and/or its affiliates does not guarantee or promise that the user of our Magnetic Parking Sensor will not be in an accident or otherwise not collide with an object and/or person. Our Magnetic Parking Sensor are not intended in any way to be substitute for careful and cautious driving or for the consistent adherence to all applicable traffic laws and motor vehicle safety regulations.

The Magnetic Parking Sensor is not intended to be a substitute for rearview mirrors or for any other motor vehicle equipment mandated by law. Even when properly installed, our Magnetic Parking Sensor have a limited field of vision and do not provide a comprehensive view of the rear area of the vehicle. You should always look around outside your vehicle and use your mirrors to confirm rearward clearance and that your vehicle can back up safely.

Winplus North America and/or its affiliates are not responsible for a user's intended or actual use of the Magnetic Parking Sensor. In no event shall Winplus North America and/or its affiliates have any liability for any losses (whether direct or indirect, in contract, tort or otherwise) incurred in connection with the Magnetic Parking Sensor, including but not limited to damaged property, personal injury and/or loss of life. Neither shall Winplus North America and/or its affiliates have any liability for any decision, action or inaction taken by any person in reliance on the Magnetic Parking Sensor, or for any delays, inaccuracies and/or errors in connection with the Magnetic Parking Sensor and its functioning.

Winplus North America and/or its affiliates shall have no responsibility or liability for damage and/or injury resulting from accidents occurring with vehicles having the Magnetic Parking Sensor installed, and Winplus North America and/or its affiliates, the manufacturer, distributor and seller shall not be liable for any injury, loss or damage, incidental or consequential, arising out of the use or intended use of the product.

## WINPLUS EUROPE

### **LIMITED WARRANTY**

Winplus warrants, to the original purchaser, that its products are free from defects in material and workmanship for 12 months from the date of original purchase. Where permitted by law, Winplus liability shall be limited to that set forth in this limited express warranty. This limited express warranty shall be the exclusive remedy of the purchaser and Winplus makes no other warranty of any kind aside from the limited express warranty stated above.

### **OWNER'S RESPONSIBILITIES:**

In order to provide you with the proper warranty service, we request that you adhere to the following procedure:

1. Include a copy of your sales receipt or bill of sale with your unit when it is returned for warranty service.
2. If it is necessary to return your product for service, please return it securely packed, preferably in the original shipping box, and freight and insurance prepaid to the following address:

**ATTN: WINPLUS BLUETOOTH PRODUCTS RETURNS**  
**Unit 4, Two Counties Estate, Falconer Road,**  
**Haverhill, Suffolk CB9 7XZ, UK**

3. Please include a detailed explanation of the problem you are having.
4. If your product is found by Winplus to have a defect in material or workmanship, within the warranty period, it will be repaired or replaced at no charge and returned to you prepaid.

Winplus makes no other warranty of any kind aside from the limited express warranty stated herein.

## WINPLUS AUSTRALIA / HONG KONG

### **LIMITED WARRANTY**

This Yada product is warranted against faulty workmanship for a period of 2 years from date of purchase. Liability is limited to replacement of the product and claims for associated or consequential loss or damage will not be accepted. Warranty is void and does not apply if the product has been damaged or rendered faulty by accident, abuse, misuse, incorrect application or if the product has been modified or tampered with. Proof of purchase is required to validate warranty claims. If this product is faulty, simply return it to the place of purchase with your receipt for a replacement product. No refunds or credits will be issued. Replacement is limited to a Yada product of the same or similar model.

## ► Prior To Installation

Read all the installation instructions carefully before installing the product. Improper installation will void manufacturer's warranty. The installation instructions do not apply to all types of vehicles, and are written as guidelines to assist in installing the system.

Consult an experienced technician if you are not comfortable installing the product. You can also contact Winplus at **866.294.9244** to speak to one of our installation specialist if you have any specific questions regarding Magnetic Parking Sensor.

BEFORE using the Magnetic Parking Sensor, please read the following safety information. ALWAYS use the Magnetic Parking Sensor as outlined here.

### **⚠ WARNING:**

- This unit is designed for non-metallic bumpers. Installing this unit on bumper made out of metal might cause the device to malfunction.
- A failure to read and follow these warnings and instructions may result in a serious accident, including damaged property or a serious injury, including loss of life.
- The Magnetic Parking Sensor is designed as an aid to the driver in detecting large stationary objects to help avoid damaging the vehicle. However, you, the driver, must use it safely and properly. Use of Magnetic Parking Sensor is not a substitute for safe, proper and legal driving.
- You should always check behind and around the vehicle when backing up just as you would if the vehicle did not have the Magnetic Parking Sensor. Always make

sure your intended path is clear you may hit a vehicle, pedestrian, bicyclist, child, pet or other object resulting in injury or death. Always back up slowly.

- Never depend on the Magnetic Parking Sensor entirely when backing up. Use the inside mirror or glance over your shoulder to properly judge distances to other objects.
- The Magnetic Parking Sensor is an aid to a driver but is limited. Always use your own eyes to confirm the vehicle's surroundings, as the displayed image may be faint or dark, distorted, or not entirely visible. Always check behind and all around the vehicle visually and with mirrors before proceeding.
- The Magnetic Parking Sensor is not intended for use during longer backing maneuvers or backing into potential crossing traffic or pedestrians. Crossing traffic or pedestrians may be approaching outside of the sensor's field of view.
- Make sure the trunk, hatch, or backdoor is completely and securely closed when backing up.
- If the back of the vehicle is hit, check the position, mounting, and functionality of the Magnetic Parking Sensor.
- When washing the vehicle with high pressure water, be sure not to spray it directly to the sensor. Water may damage the sensor and its components.
- Do not strike the sensor and its components. It is a precision instrument. Otherwise, it may malfunction or cause damage resulting in a fire or an electric shock.

## ▶ Package Content



Buzzer



Magnetic Sensor Strip



Control Unit



Double-side tapes

**⚠ CAUTION:** Keep away from reach of children may cause serious injury.

## ▶ Installation Instructions

### NOTE:

- o Only install this unit on non-metallic bumpers.
- o These installation instructions do not apply to all types of vehicles. They are meant only as a general guide due to the large number of vehicle makes and models. For vehicle specific questions, contact your vehicle's manufacturer.
- o Consult your local motor vehicle laws on the use of this product to be sure it is permitted.

### ⚠ WARNING:

- Through installation of the Magnetic Parking Sensor you should be sure not to degrade the safety of any system or device on your vehicle, including Federal Motor Vehicle Safety Standards.
- Improper installation and wiring of the Magnetic Parking Sensor system may damage the vehicle's electrical system, including vital vehicle computer and operating systems. That could lead to an accident or fire, causing property damage and/or serious personal injury. If you are unsure with the installation, it is highly recommended to seek professional installation advice from a qualified auto electrician or, in the alternative, to have the installation performed by a qualified auto electrician.

### HOW TO INSTALL THE MAGNETIC PARKING SENSOR

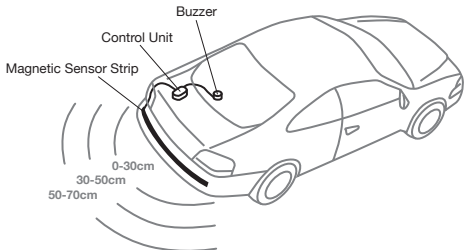
**NOTE:** Please ensure that the Magnetic Parking Sensor would NOT obstruct any OEM vehicle safety features. In an event of an accident, manufacturer is not responsible for bodily injury caused by Magnetic Parking Sensor components.

**⚠ CAUTION:** These mounting options are illustrations only, and may not each apply to every type of vehicle. For vehicle specific questions, contact your vehicle's manufacturer to be sure that the installation and mounting location you choose will not degrade the safety of any system or device on your vehicle, including Federal Motor Vehicle Safety Standards.



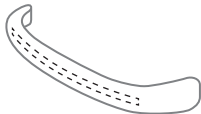
**NOTE:**

- o Install the Magnetic Parking Sensor in the inside part of the vehicle's bumper to achieve maximum viewing angle.
- o Install the Magnetic Parking Sensor on rear bumper of the vehicle for maximum performance.
- o The Magnetic Parking Sensor is installed without drilling a hole through the bumper route the wire by using a pre-existing hole on the vehicle to route the wires to the reverse taillights.



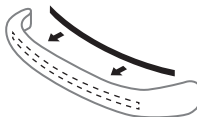
- 1) Locate reverse lights and select a route for the power wire that will connect to the power source
- 2) Clean the inside surface of the bumper so that the sensor strip will mount properly

**NOTE:** Some vehicles might require you to remove the bumper to be able to access the inside part and to install the sensor.



- 3) Place the end of the magnetic strip with the connector near the area where the power wire will come through
- 4) Remove the tape backing off and unroll the magnetic sensor strip along side the inside of the bumper.

**NOTE:** Cut the magnetic sensor strip to fit the length of the bumper



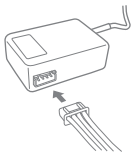
- 5) Press the sensor strip firmly against the inside of the bumper

**NOTE:**

- o Do not wrap the magnetic sensor strip around the sides of the bumper
- o Make sure the sensor is facing the front face of the bumper and attached to the bumper directly

- 6) Connect the magnetic sensor strip to the control unit
- NOTE:** No need to drill a whole to route the wire from the control unit to the magnetic sensor strip. Use existing holes in the trunk area to route the wire

7) Connect the power cable and buzzer to the control unit



8) Route the RED and BLACK wires towards the reverse lights you selected for power

**NOTE:** It is highly recommended to connect the system to the reverse lights so that it will function while reversing or backing up the vehicle.

**⚠ CAUTION:** Before connecting the power wires, use a Volt Meter or a Multi-Meter to determine positive and the negative wires on the vehicle's reverse light wires. Vehicle wiring may vary. Refer to the vehicle Owner's Manual for more information.

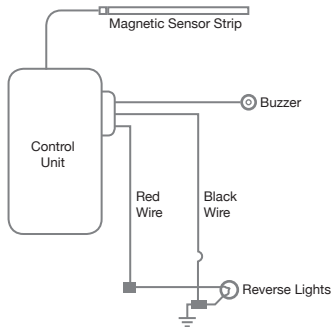
- Determine positive and negative wires. Most vehicles will have two color wires, BLACK for negative and RED for positive.
- Disconnect vehicle battery before proceeding to the next step as a precaution
- Connect the RED power wire to reverse light's positive wire.
- Connect camera's BLACK wire to reverse light's negative or ground wire.
- Secure wires with cable ties or electrical tape.

CHECKPOINT:

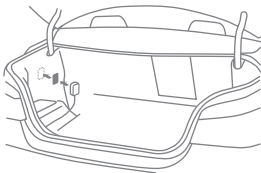
At this point, you can check if wires are properly connected

- Reconnecting the battery.
- Turn the ignition to the "Accessories" position.
- Engage the Emergency or Hand Brake.
- Put the vehicle in reverse.

If the Magnetic Parking Sensor is installed correctly, the buzzer will make a sound or beep if there is an obstacle within .0.7 meters or 2.3 feet from the bumper.



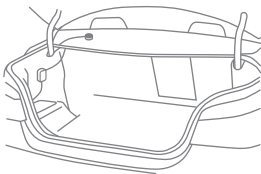
- 9) Place the control unit in the trunk and secure on the inside panel using the double sided tape.



- 10) Mount and place the buzzer towards the front of the vehicle to maximize its performance

**NOTE:**

- o Do not cover the buzzer or mount it where the sound can be obstructed
- o Make sure to select the location of the buzzer where it can be heard inside the vehicle.



## Operations

### SAFE OPERATING TIPS

- Do not detach, disassemble or modify it. This may cause incorrect operation. Camera is water resistant but not waterproof.
- Do not submerge sensor and its components in water, which can cause internal damage to the parking sensor.
- If the temperature changes rapidly, such as when hot water is poured on the vehicle in cold weather, the system may not operate normally. The sensor can withstand the effects of rain, snow, and inclement weather.
- If dirt, rain or snow attaches to the sensor, the sensor may not function properly. If water droplets, snow or mud adhere to the sensor and its components, rinse with water and wipe with a dry cloth.
- Do not use alcohol, benzene or thinner to clean the sensor and its components. This will damage the unit. To clean the sensor and its components, wipe with a clean cloth dampened with mild cleaner diluted with water and then wipe with a dry cloth.
- Will work up to 2.3 feet or 0.7 meters. Working distance varies depending on the conductivity of the bumper surface.
- The system is only designed for backup/reserving purposes. Winplus is not responsible for damages on the system or the vehicle if used for other purposes.
- ALWAYS engage Parking/Emergency/Hand Brakes of the vehicle when testing or trouble shooting the system.
- The system is designed to ADD safety and protection. The device was NOT designed to replace other safe driving habits. Double checking and looking around before backing up is STILL the safest way.

## SAFETY AROUND AND BEHIND OTHER VEHICLES

Using a parking sensor is not enough to completely overcome a vehicle's blind spot. Many preventable injuries and deaths occur in driveways or parking lots when drivers do not see children, pets, or others near their vehicles. Here are a few safety tips that will help you to avoid a backover accident.

- Walk completely around your vehicle before getting in. Check for kids, toys, and pets before entering the vehicle and starting the engine.
- Know where children are. Have children stand in a place where they are in full view.
- Be aware of young children. Young children are small and hard to see.
- Parents, caregivers and all adults need to be vigilant in supervising children, especially when children are in the yard, driveway or parking lot playing near parked cars.
- Roll down your window so you will be able to hear what is happening outside your vehicle.
- Owners of SUVs, trucks, and vans need to take extra care to avoid hitting or running over a child.
- Teach children to move away from a vehicle whenever it is started.

## Customer Service / Contact Us

For questions or issues regarding the product, please visit [www.letsyada.com](http://www.letsyada.com) or contact Winplus in your area/region to speak to our customer service representative:

|                       |                      |
|-----------------------|----------------------|
| Winplus North America | Tel.: 866-294-9244   |
|                       | Tel.: 909-752-3074   |
| Winplus Europe        | Tel.: 44-1440-713888 |
| Winplus Australia     | Tel.: 61-3-9720-4143 |
| Winplus New Zealand   | Tel.: 64-9-5254575   |
| Winplus Asia          | Tel.: 852-2798-8932  |

You can also contact us online by visiting [www.winplus.com](http://www.winplus.com) for more information about the product.

*IF YOU ARE EXPERIENCING ANY ISSUES WITH THE PRODUCT DURING OPERATION, DO NOT RETURN THE PRODUCT TO THE STORE. CONTACT WINPLUS DIRECTLY FOR INSTRUCTIONS ON HOW TO RETURN/EXCHANGE THE PRODUCT.*

**Federal Communication Commission Interference Statement**

This equipment has been tested and found to comply with the limits for a 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 communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does 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 of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and 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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

**IMPORTANT NOTE****FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

To comply with FCC RF exposure requirements, the device and the antenna for this device must be installed to ensure a minimum separation distance of 20cm or more from a person's body. Other operating configurations should be avoided.

**IC Statement**

Operation is subject to the following two conditions:

1. This device may not cause interference and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This device has been designed to operate with an antenna having a maximum gain of 0 dBi. Antenna having a higher gain is strictly prohibited per regulations of Industry Canada. The required antenna impedance is 50 ohms.

**IMPORTANT NOTE:****IC Radiation Exposure Statements:**

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.





## WINPLUS

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|----------------------|--|--|
| <b>NORTH AMERICA</b> | 820 South Wanamaker Avenue,<br>Ontario, CA 91761                                       | <b>Tel: 909-752-3074</b><br><b>Fax: 310-496-2740</b>     |
| <b>EUROPE</b>        | Unit 4, Two Counties Estate, Falconer Road,<br>Haverhill, Suffolk CB9 7XZ, U.K.        | <b>Tel: 44-1440-713888</b><br><b>Fax: 44-1440-713889</b> |
| <b>AUSTRALIA</b>     | Unit 2, 991 Mountain Hwy Boronia,<br>Victoria, Australia, 3155                         | <b>Tel: 61-3-9720-4143</b><br><b>Fax: 61-3-9720-4165</b> |
| <b>NEW ZEALAND</b>   | 22-24 Olive Road, Penrose,<br>Auckland, New Zealand                                    | <b>Tel: 64-9-5254575</b><br><b>Fax: 64-9-5256817</b>     |
| <b>ASIA</b>          | Suites 6-11, 7th Floor, Corporation Park,<br>11 On Lai Street, Shatin, N.T., Hong Kong | <b>Tel: 852-2798-8932</b><br><b>Fax: 852-2795-0241</b>   |

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