

AUTOMOTIVE LASER JAMMER AND PARKING SENSOR SYSTEM MANUAL



You may register this product online at www.AdaptivTech.com

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INTRODUCTION

Dear TPX™ Automotive Laser Jammer and Parking Sensor System Owner,

Congratulations on your purchase of the *TPXTM* Automotive Laser Jammer and Parking Sensor System!

This *System* is not cluttered with unnecessary features. Its simple and straight forward design allows you to focus on your drive, while enjoying peace-of-mind protection.

Our goal is to provide you with the highest quality products. Enjoy your new TPX^{TM} Laser Jammer and Parking Sensor System. Enjoy your drive, and drive safe.

Sincerely Adaptive Technologies

SAFETY WARNING

When using the *TPXTM Laser Jammer and Parking Sensor System* and its associated components, it is the sole responsibility of the operator to install all components properly and to ensure that they will not interfere with safe operation of the vehicle, nor will they cause any personal injury or damage in the event of an accident. The operator should operate the vehicle in a safe manner while using the *System* and its components. The operator should not use the *System* if it is distracting, unsafe, or dangerous to do so.



Warning: Using this product is not a license to speed! Always drive safely and obey traffic laws.



Warning: It is your responsibility to be familiar with all laws applicable to the possession and use of laser jammers in your locality. The manufacturer and retailer assume no responsibility for any use or application of this product in violation of any applicable law. Please check your state and local laws and regulations before installing this product.



Warning: Do not look directly into the transponder! The Transponder emits a powerful infrared beam of light which is not visible, but can cause eye damage from prolonged exposure!

PACKAGE CONTENTS

- TPX[™] Laser Jammer and Parking Sensor Transponder (2)
- TPX[™] Laser Jammer and Parking Sensor Interface Box (1)
- TPX[™] Laser Jammer and Parking Sensor Control Switch (1)
- TPX[™] Laser Jammer and Parking Sensor CM Transponder (1)
- TPX[™] Laser Jammer and Parking Sensor Power Cable (1)
- TPX[™] Laser Jammer and Parking Sensor Interface Box Screws (4)
- TPX[™] Laser Jammer and Parking Sensor Transponder Bracket (3)
- TPX[™] Laser Jammer and Parking Sensor Transponder Bracket Tape (3)
- TPX[™] Laser Jammer and Parking Sensor Transponder Bracket Screws (9)
- TPX[™] Laser Jammer and Parking Sensor Transponder Bracket Washers (9)
- TPX[™] Laser Jammer and Parking Sensor Transponder Screws (6)
- TPX[™] Laser Jammer and Parking Sensor Transponder Washers (6)
- Hook and Loop Set
- Spirit Level (1)
- Cable Tie (12)
- Hex Key Wrench (1)
- USB Gender (1)
- Product Manual (1)

PRODUCT OVERVIEW

The TPX^{TM} Laser Jammer and Parking Sensor System is a standalone system.

When the *Transponder* detects an incoming laser signal, it automatically jams the laser gun to prevent a speed reading. The driver is notified of the signal with the flashing light and beeping sound from the *Control Switch*, which also controls the brightness and volume.

The TPX^{TM} Laser Jammer and Parking Sensor System can be upgraded with the latest software releases via the internet.

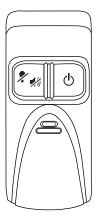


Figure 1a

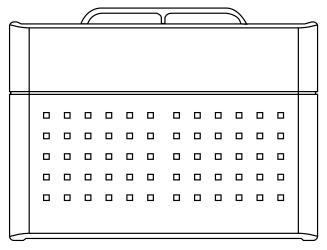


Figure 1b

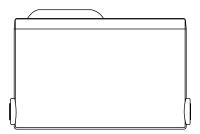


Figure 1c

USING THE TPX™ AUTOMOTIVE LASER JAMMER AND PARKING SENSOR SYSTEM

INSTALLATION



Warning: Installation of the *TPX™* Laser Jammer and Parking Sensor System should be performed by a qualified technician. Improper installation may interfere with the safety and proper operation of the product and/or vehicle.

Mouting the Transponder

The *TPX™* Laser Jammer and Parking Sensor System includes three *Transponders* to be mounted on the front of the vehicle. Additional *Transponders* for rear protection is available separately.

Mount the *CM Transponder* as close to the center of the vehicle as possible and each of the *Transponder* as close to each headlight of the vehicle as possible. Using the *Spirit Level*, adjust the *Transponders* as parallel to the road as possible with a clear line of sight straight ahead.



Warning: Use only the *Transponder Screws* to secure the *Brackets* to the *Transponder*. Any other screws will damage the *Transponder* and void the warranty.

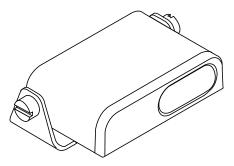


Figure 2

Warning: The *Transponder Brackets* are included for your convenience. They may not be used depending on how you decide to mount the *Transponders*. Each vehicle is different and it is your responsibility to determine the best method of securing the *Transponders*. Adaptiv Technologies, LLC is not responsible for any vehicle damage resulting from improper mounting.

Since laser is rarely used to target vehicles from behind, no *Transponder* is included for the rear of the vehicle, however, should you want to have your vehicle protected from the back, additional *Transponders* may be purchased. If you choose to use a single *Transponder* for the rear, it should be mounted as close to the center of the vehicle as possible. If you choose to use two *Transponders*, each *Transponder* should be mounted between the center of the vehicle and each of the taillight.

Mounting the Control Switch

- Determine an appropriate location for mounting the *Control Switch*. The best location is one that is easily accessible while driving.
- Clean the chosen mounting surface with alcohol or mild soap and water. Rinse with water to remove all traces of soap.
- Once the surface is clean and dry, remove the liner of the *Hook and* Loop Set and apply the Control Switch to the chosen mounting surface with firm pressure.

WIRING THE TPX™ LASER JAMMER AND PARKING SENSOR SYSTEM

General

Wire the system according to the wiring diagram in Figure 3. Secure all loose wires with included *Cable Ties.*

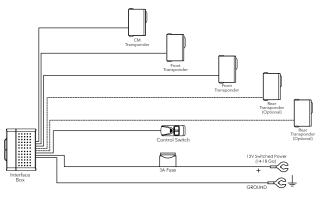


Figure 3

Power

To provide power to the *System*, connect the red (+) terminal cable to a 12V switched power wire. Connect the black (Ground) cable to a ground.



Warning: If the *System* is not connected to a 12V power source that is switched off when the ignition is turned off, it will continue to draw a small amount of power and could drain the vehicle's battery and/or function improperly.



The *TPXTM Laser Jammer and Parking Sensor System* is designed to be powered by a switched 12V power source. If the vehicle's power output is not 12V, a voltage adaptor is required.

Transponder

Connect the *CM Transponder* to the connector labeled "CM" on the *Interface Box*.

Connect the two *Transponders* to the connectors labeled "FR1" and "FR2" on the *Interface Box.*

If optional rear *Transponders* are used, connect to the connector labeled RE1 and RE2.

Control Switch

Connect the *Control Switch* to the connector labeled "*Switch*" on the *Interface Box*.

USB

When upgrading the software, follow the instruction on our website and connect an USB Drive (not included) to the connector labeled "USB" on the *Interface Box* using the provided *USB Gender*.

OPERATION

When the *Transponder* detects an incoming laser signal, it instantly sends out a jamming signal to prevent a speed reading on the laser gun. The light on the *Control Switch* will flash and the *Control Switch* will also beep to alert you.

Power

Press and hold the **(b)** button for three seconds to turn the *System* on and off.

Function Selection

Press and hold the button for one second to switch between Parking Sensor and Laser Jammer function. When the System is in Parking Sensor function the Control Switch light will be blue and when the System is in Laser Jammer function the Control Switch light will be in red.

Auto Shut-Off

The default setting of TPX^{TM} Laser Jammer and Parking Sensor System has Auto Shut-Off feature activated, where the System will sense, alert, and jam any incoming laser signal for 3 seconds. After 3 seconds the System will shut itself off. This allows the laser gun to obtain a reading only AFTER you have had 3 seconds to check your speed. To turn the System back on, press and hold the button for three seconds.

Pressing the button momentarily will toggle between activating and deactivating Auto Shut-Off. A single flash and beep on the *Control Switch* will indicate Auto Shut-Off activation, a double flash and beep on the *Control Switch* will indicate Auto Shut-Off deactivation.

Alert Off

When Auto Shut-Off is deactivated and the TPX^{TM} Laser Jammer System is jamming a laser signal, press the button to mute and turn off the light on the *Control Switch* for the duration of the laser signal.

Volume and Brightness Control

Press and hold the version button for one second to toggle between Volume and Brightness adjustment modes. The Volume adjustment mode is indicated with a single flash and beep on the *Control Switch* and Brightness adjustment mode is indicated with a double flash. Press the version button momentarily to scroll through the four levels of Volume and Brightness levels. Scroll to the desired Volume or Brightness level and the *Control Switch* will flash multiple times indicating the desired Volume or Brightness level has been set.

Parking Sensor Function

In *Parking Sensor Function*, the *System* will alert if there is an object within 3 feet in front of the *Transponder*.

Software Updates

Software updates are available online. When an update is available, connect a flash USB drive (not included) and follow the instructions online.

TROUBLESHOOTING

If your *TPX™ Laser Jammer and Parking Sensor System* is not operating properly, please refer to the following guide:

Problem	Possible Causes	Possible Solutions
<i>System</i> will not turn on	System not properly connected to power source Vehicle not turned on System power off	Check fuse, replace with a 3A fuse if necessary Check power connections Turn vehicle on Press and hold () button for three seconds with vehicle turned on
System does not operate properly	Software update interrupted	Go to www.AdaptivTech. com/support to download the latest software
System drains vehicle's battery over time	System is not connected to switched power source	Connect power to switched power source that turns on/ off with ignition.
<i>System</i> resets when vehicle goes over a bump	Poor electrical connection	Check power connections
System did not register a signal when driving past a police vehicle	Police laser is not turned on Police laser is not pointed directly at your vehicle Non-laser detection methods are being used	Slow down and remain cautious

MAINTENANCE AND CARE

- The TPXTM Laser Jammer and Parking Sensor System is weather resistant. It is designed to withstand temporary exposure to moisture, such as rain or fog. However, it should not be exposed to moisture for a prolonged period of time. Do not hose the System down. Do not submerge the System as this will void the warranty.
- Clean the *System* components with a damp lint-free cloth only. Do not use any chemicals as they may attack the plastic.
- Dry the *System* components with a lint-free cloth after it has been exposed to moisture.
- Keep the Transponder lens clean to maintain optimal function. The Transponder strength may decrease if the lens becomes scratched.

SERVICE

Warranty Service

If you believe that your *TPXTM Laser Jammer and Parking Sensor System* is not functioning properly:

1. Review the Troubleshooting section.

2. If your problem is not resolved after reviewing the Troubleshooting section, have your serial number ready and call us at 646-722-0253. We will try to resolve your problem over the phone.

3. If you system needs to be returned for repair, we will provide you with a Return Merchandise Authorization (RMA) Number and a shipping address. Write the RMA Number on the outside of the shipping box. Include the following items in your shipment:

- a. Items needing repair.
- b. Copy of sales receipt (originals cannot be returned).
- c. Your name, phone number, address, and email address (we promise not to spam).

All shipment must be sent prepaid by way of a traceable carrier, such as UPS, FedEx, USPS Priority Mail with Tracking, etc., and should be insured. Adaptiv Technologies is not responsible for any loss or damage incurred during shipping.

Warranty service will only be honored for units purchased from authorized agents.

Repairs will not be performed on units without a readable serial number.

Please allow 4-8 weeks for the return of the system.

Non-Warranty Service

For all non-warranty service, follow the same procedure described in the Warranty Service section and include a non-refundable payment of \$150 for basic diagnostics and repair. Do not send cash. If there are any additional charges, we will notify you before performing the repair.

WARRANTY

Adaptiv Technologies, LLC warrants to the original purchaser that the TPX^{TM} Laser Jammer and Parking Sensor System will be free of defects in workmanship and materials for a period of one year from the date of first consumer purchase. The TPX^{TM} Laser Jammer and Parking Sensor System consists of the Interface Box, Transponders, the Control Switch, and the respective parts of each. Adaptiv Technologies will, at its option, repair or replace defective parts upon delivery to Adaptiv Technologies accompanied by the original sales receipt or other proof of first consumer purchase within the warranty period. You are responsible for all charges required to ship the product for warranty service, but the return charges will be at Adaptiv Technologies' expense if the product is repaired or replaced under warranty. This warranty gives you specific rights, and you may also have other rights which vary from state to state.

EXCLUSIONS: This limited warranty does not apply:

- 1. To any products sold separately (such as any mount assemblies);
- To any defects caused by misuse, abuse, accidents, modifications, negligence, tampering, or unauthorized repair;

3. In any State or country or jurisdiction in which possession of laser jamming equipment is illegal;

4. If the serial number has been altered, defaced, or removed; or

5. To installation of the unit.

ALL IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURANTION TO THE PERIOD OF THIS WARRANTY*.

* Some states do not allow limitations on the duration of implied warranties and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

SPECIFICATIONS

Classification: 1M Eye Safe Laser

Wavelength: 905 nanometers

Operating Temperature Range: -20°C to +80°C (-4°F to +176°F)

Power Requirements: 12V DC

Fuse: 3A

PATENTS PENDING

ACCESSORIES

Accessories and replacement parts are available for purchase. For more information, go to www.AdaptivTech.com or call us at 646-722-0253.

Adaptiv Technologies, LLC www.AdaptivTech.com

646-722-0253

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