User Guide

Lightwave Technology

400 Wright Street
Montreal, QC, Canada, H4N1M6

Website: www.lightwavetechnology.com

OWNERS MANUAL

PKE-AL(PS)-UNI

WARNING!

It is the responsibility of the vehicle operator to ensure that their vehicle is parked in a safe and responsible manner.

A note concerning the battery inside the transmitter:
Depending on your usage of the transmitter, the battery can last anywhere between 2 to 3 years. Although we recommend to replace the battery inside the transmitter every year to get the best performances from your system.

INDUSTRY CANADA USER NOTICE:
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.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

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Diagnostics - Parking lights Flash Table

Parking Lights Flashes	Description
1 Flash	- Door Lock
2 Flashes	- Door Unlock
3 Flashes	- Valet Mode
5 Flashes	- Please see your retailer
6 Flashes	- Please see your retailer
7 Flashes	- Door Locking command using ADB while RFID transmitter is inside vehicle (Active Mode Only)
8 Flashes	- Please see your retailer

Trunk/Hatch Release or Motorized liftgate		
With RFID transmitter	Press & Release Button 1 & 2 on RFDI transmitter	- Parking lights will blink 2 times - Trunk will pop open or Motorized hatch will open or Close

Valet Mode Enabled/Disabled		
Use factory key in ignition cylinder	Cycle Key in ignition cylinder 5x On/Off	- Valet On = Parking lights will blink 3 times - Valet Off = Parking lights will blink 2 times

IC RSS-GEN, Sec 7.1.2 Warning Statement- (Required for Transmitters)

ENGLISH:

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

FRENCH:

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée quivalente (p.i.r.e.) ne dépassepas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

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Government regulations

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.

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 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 or more 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 the Industry Canada Radio Standards Specification RSS 210. Its use is authorized only on a no-interference, no-protection basis; in other words, this device must not be used if it is determined that it causes harmful interferences to services authorized by IC. In addition, the user of this device must accept any radio interface that may be received, even if this interfere-ence could affect the operation of the device.

Warning! Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

IC RSS-GEN, Sec 7.1.3 Warning Statement- (Required for license-exempt devices)

ENGLISH:

This device complies with Industry Canada license-exempt RSS standard(s). 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.

FRENCH:

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Using the Transmitter and ADB

Your Passive Keyless system is equipped with a 2 button RFDI remote control. This transmitter is capable of allowing access to your vehicle without pressing any button on it.

LOCK

Locks the doors and arms the Starter Kill (if installed)

UNLOCK

Unlocks the doors and disarms the Starter Kill (if installed)

TRUNK

Opens the Trunk, Hatch or Power liftgate (if option installed)

The Active Doorlock Button (ADB) is an optional part installed at the entry doors and can control the Locking and Unlocking of the doors simply by pressing on it.

NOTE: The RFID transmitter must be present for the doorlocks to react to the ADB.

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Doorlock Access Chart

The Doorlock mode is configured by your installer at the time of installation. There are three (3) different doorlock mode. Passive mode does not require any action from user and is the default method to use. Active mode requires a physical action from user in order to Lock / Unlock the doors. The ADB (Part#: XXXXXXX) is required for Active mode and is sold separately. Hybrid mode requires to use the ADB in active mode but will lock the doors automatically after 90 seconds if doors are left unlocked inadvertently and RFID transmitter is not in range.

With Passive Doorlocking	With RFID transmitter Walk away from the vehicle (more than 10 feet)	- Vehicle doorlocks will Lock / Arm - Parking lights will blink 1 time - Horn will honk 1 times (if connected)
	With RFID transmitter Walk close to the vehicle (within 10 feet)	- Vehicle doorlocks will Unlock / Disarm - Parking lights will blink 2 time - Horn will honk 2 times (if connected)
With Active Doorlocking (ADB)	With RFID transmitter in range (within 10 feet of the vehicle) Press & Release ADB button	- Vehicle doorlocks will Lock / Arm - Parking lights will blink 1 time - Horn will honk 1 times (if connected)
	With RFID transmitter in range (within 10 feet of the vehicle) Press & Release ADB button	- Vehicle doorlocks will Unlock / Disarm - Parking lights will blink 2 time - Horn will honk 2 times (if connected)
With Hybrid Doorlocking (ADB) + Passive mode	With RFID transmitter Walk away from the vehicle (more than 10 feet)	- **After 90 seconds,** Vehicle doorlocks will Lock / Arm - Parking lights will blink 1 time - Horn will honk 1 times (if connected)
	With RFID transmitter in range (within 10 feet of the vehicle) Press & Release ADB button	- Vehicle doorlocks will Unlock / Disarm - Parking lights will blink 2 time - Horn will honk 2 times (if connected)
	With RFID transmitter in range (within 10 feet of the vehicle) Press & Release ADB button	- Vehicle doorlocks will Lock / Arm - Parking lights will blink 1 time - Horn will honk 1 times (if connected)