



PermissionManager (D-9670) User Manual



INSTRUCTION TO THE USER

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 typical 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 or more of the following measures:

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

In order to maintain compliance with FCC regulations, no changes can be made to this equipment without the approval of Gatekeeper Systems, Inc. The user is cautioned that any changes or modifications made to the equipment without the approval of Gatekeeper Systems, Inc. could void the user's authority to operate this equipment.

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 device complies with Industry Canada's licence-exempt RSSs. 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.

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.

*Hereby, Gatekeeper Systems (HK), Ltd ,declares that this **PermissionManager** is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.*

Crossed out wheeled bin symbol 126. All new EEE products must be marked with the crossed out wheeled bin symbol. In exceptional cases, where this is not possible because of the size or function of the product, the crossed out wheeled bin symbol must be printed on the packaging, the instructions for use and the accompanying warranty where applicable. This symbol aims to encourage the consumer to discard the product separately from general waste, either at the network of designated collection facilities or by returning it to a distributor who provides in-store take-back of WEEE

The suggested ambient temperature is around 25°C

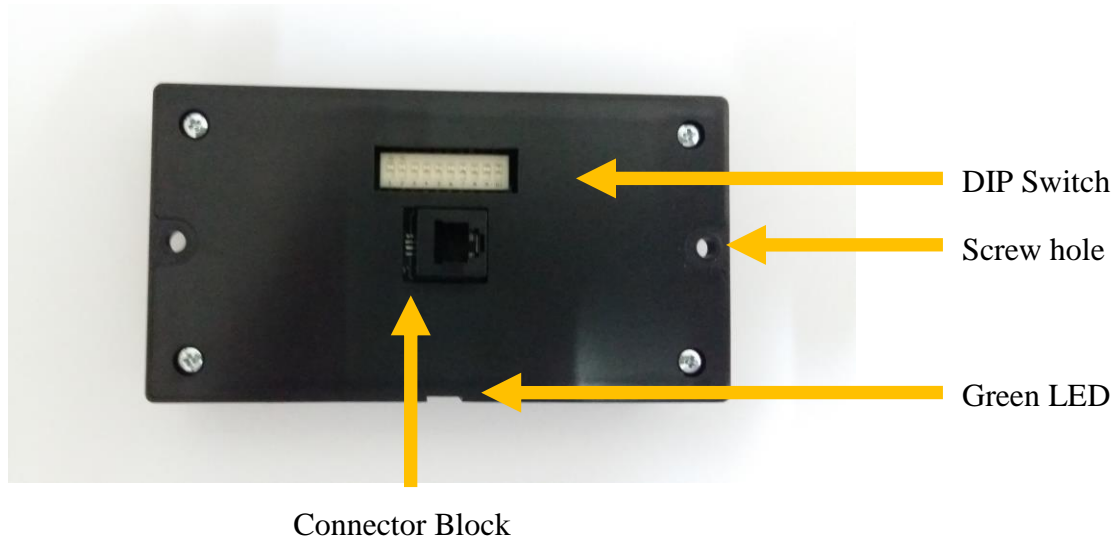
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1. PermissionManager:

The Gatekeeper Systems D-9760 PermissionManager contains two 2.4GHz transceivers and it is used to send commands to and receive data from the Gatekeeper Systems wheels.

2. PermissionManager detail:



Power up PermissionManager, by providing +3.3V DC power supply at connector block pin 1 and grounding at connector block pin 4. While power up, Green LED will be ON to indicate PermissionManager is power up. Then the Green LED will start flashing. It indicates that the PermissionManager is in operating mode.

Connector Block Definition:

Pin	Name	Description
1	3.3VDC	+3.3V DC, 1.5A
2	SIGNAL 1	Control the ON/OFF of antenna 1
3	SIGNAL 2	Control the ON/OFF of antenna 2
4	GND IN	Power Grounding

LED Definition:

Status	Description
Solid	Power Up
Flashing	Operating Mode

3. Installation

Mount PermissionManager on the table or on the wall flatly by two screw holes with the bottom surface (The surface with connector block and Dip switch) facing the mounting surface of table or wall

DIP Switch Definition:

DIP Switch Position										Definition
10	9	8	7	6	5	4	3	2	1	

x	x	X	x	x	x	x	0	0	0	power 3, threshold 44
x	x	X	x	x	x	x	0	0	1	power 4, threshold 44
x	x	X	x	x	x	x	0	1	0	power 5, threshold 44
x	x	X	x	x	x	x	0	1	1	power 6, threshold 44
x	x	x	x	x	x	x	1	0	0	power 7, threshold 44
x	x	x	x	x	x	x	1	0	1	power 8, threshold 44
x	x	x	x	x	x	x	1	1	0	power 9, threshold 44
x	x	x	x	x	x	x	1	1	1	power 10, threshold 44

Dwell Command

					0	0				10 sec dwell
					0	1				20 sec dwell
					1	0				30 sec dwell
					1	1				60 sec dwell
			0	0						2 rotations
			0	1						4 rotations
			1	0						8 rotations
			1	1						250 rotations
0	0	0								10 min permission
0	0	1								30 min permission
0	1	0								1 hr permission
0	1	1								3 hr permission
1	0	0								E Disarm 1
1	0	1								E Disarm 2

Instant Commands

1	1	0	0	0	0	0				30 Sec permission
1	1	0	0	0	0	1				1 min permission
1	1	0	0	0	1	0				2 min permission
1	1	0	0	0	1	1				5 min permission
1	1	0	0	1	0	0				10 min permission
1	1	0	0	1	0	1				30 min permission
1	1	0	0	1	1	0				1 hr permission
1	1	0	0	1	1	1				3 hr permission
1	1	0	1	0	0	0				12 hr permission
1	1	0	1	0	0	1				AP Unlock
1	1	0	1	0	1	0				AP Lock
1	1	0	1	0	1	1				E Arm
1	1	0	1	1	0	0				E Lock
1	1	0	1	1	0	1				Clear
1	1	0	1	1	1	0				E Disarm 1
1	1	0	1	1	1	1				E Disarm 2

Reserved Settings

1	1	1	x	x	x	x				Reserved
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Contacting Gatekeeper Systems

For more information about the PermissionManager and troubleshooting, to order parts or report an issue, contact the Gatekeeper Systems Inc. regional Customer Support office nearest to your location.

Hong Kong

Gatekeeper Systems (HK), Ltd.
Unit 2318~2319, Level 23, Tower 1, Metroplaza
NO. 223 Hing Fong Road, Kwai Fong, N.T.,
HONG KONG
(852) 2413 3050

USA

Gatekeeper Systems, Inc.
8 Studebaker
Irvine, CA 92618
(888) 808-9433

Canada

Gatekeeper Systems Canada, Ltd.
272 Galaxy Boulevard
Etobicoke, Ontario
Canada
M9W 5R8
(888) 525-3564