



Digital Throttle (E7033) 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 the Door Manager 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.

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 complies with Industry Canada licence-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.

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.

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

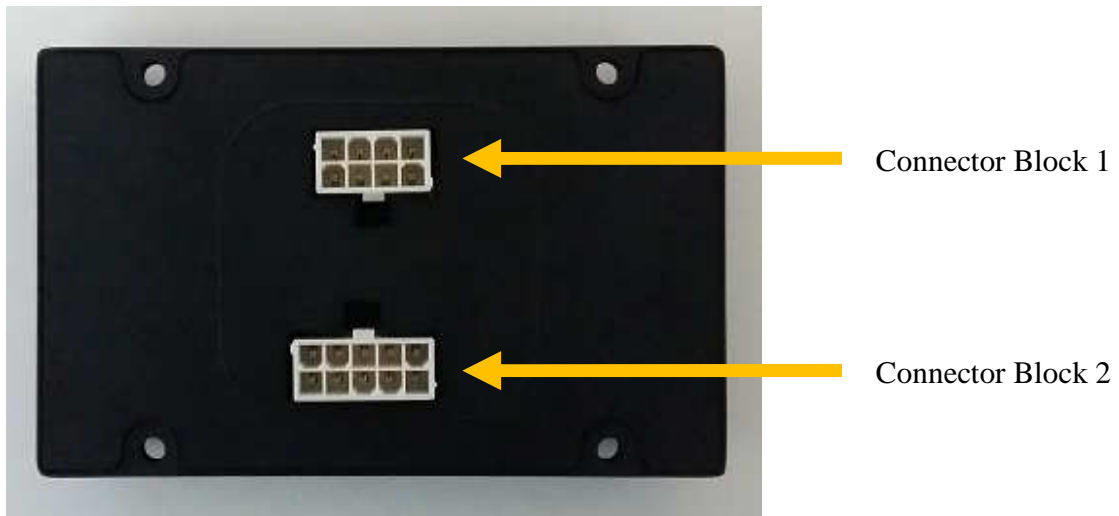
The suggested ambient temperature is around 25°C



Digital Throttle:

The Gatekeeper Systems E7033 Digital Throttle transceiver is designed to be mounted in the Gatekeeper Systems, Inc. Cart Manager. The Digital Throttle will operate with Gatekeeper Systems CM Remote, Gatekeeper Systems wheels and responds to Gatekeeper Systems status requests.

Digital Throttle connectors detail:



Power up Digital Throttle, by providing +12V DC power supply at connector block 1 pin 3 and grounding at connector block 1 pin 4.

While power up, LED bar will be ON to indicate Digital Throttle is in operating mode.

Connector Block 1 Definition:

Pin	Name	Description
1	5V_OUT	+5V DC, 0.35A fused Output
2	HORN	6A fused HORN drive
3	12V IN	Power Input
4	GND IN	Power Grounding
5	RAW 36V	Monitor the 36VDC batteries voltage input
6	KEY 36V	Monitor a 36V DC Key Input
7	RELAY 36V	Monitor the status of the AC relay
8	POT LO	Potentiometer low voltage input

Connector Block 2 Definitions:

Pin	Name	Description
1	GND IN	Power Grounding
2	ASSO SW	CM Remote Associate Switch
3	V_TO_C	Output Voltage to the controller
4	F_V_IN	Input FWD voltage
5	F_TO_C	FWD voltage output
6	SW1 IN	Input Key switch
7	T_V_IN	Throttle Voltage Input
8	E_LED_P	Error LED input 1
9	POT HI	Potentiometer High voltage input
10	E_LED_C	Error LED Input 2

Contacting Gatekeeper Systems

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

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