DISCLAIMER

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WARNING

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.
changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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 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.

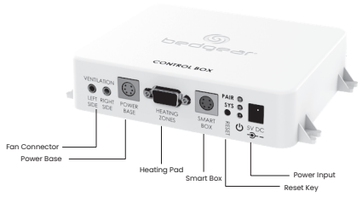
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux
CNR d'Innovation, Sciences et Développement économique 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;
2)L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

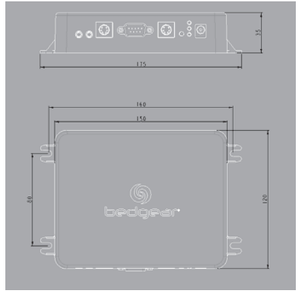
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ouémetteur.Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre leradiateur et votre corps.

REAR PANEL



MECHANICAL OUTLINE



INERFACE

Ventilation Interface	Connector Type: 2x 3.5mm Headphone socket as ventilation interface. 2x headphone sockets are used to control the left and right ventilation. Signaling Protocol : The ventilation interface uses PWM, the PWM signal amplitude is 0V to 5V, and the fan speed is controlled by modifying the duty cycle.
Power Base Interface	Connector Type: 1x 6pin Green PS2 socket as power base interface. Signaling Protocol : The power base interface uses the standard UART protocol to communicate with the power base to control the motor.
Heating Zones	Connector Type: 1x DB9 socket as heating zones interface. Signaling Protocol : The heating zones interface uses the standard UART protocol to communicate with heating zones to control the temperature.

Smart Box Interface	Connector Type: 1x 6pin violet PS2 socket as smart box interface. Signaling Protocol: The smart box interface uses the standard UART protocol to communication.
Reset Key	This device uses one key to reset firmware to default setting.
LEDs	This device uses three LEDs to display the working status. Blue LED: When the blue LED lights up, it means that Bluetooth has been paired with another device. Green LED: When the green LED lights up, it means system working normal. Red LED: When the green LED lights up, it means control box power on.
DC Jack	The device uses 2.5mm DC socket. A 5V/1A power supply is used, with the internal terminal being positive and the external terminal being negative

BG101

User Manual