



MONITORING SOLUTIONS
A Satellite Tracking of People LLC Company

DRAFT

BLUrepeater Installation Guide





FCC Regulation

FCC ID: S5EBRP010321

BLUrepeater complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference, and

This device must accept any interference received, including interference that may cause undesired operation.

NOTE: 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 supplier of the device for help.

WARNING – Changes or modifications to these units not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The ISM transmitter is operational only when it is required to communicate with the associated equipment.

Canadian Compliance (Industry Canada) for BLUrepeater

IC: 9086A-BRP010321, MODEL NUMBER: BLUrepeater

This Class B digital apparatus complies with Canadian ICES-003

The BLUrepeater device is designed to be ankle worn. Please follow the instructions included in the user guide for installation around the ankle.

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.

Conformité du Canada (Industrie Canada) pour BLUrepeater

IC: 9086A-BRP010321, MODEL NUMBER: BLUrepeater

Le présent appareil numérique de Classe B est conforme à la norme canadienne ICES-003.

L'appareil BLUrepeater a été conçu pour être porté à la cheville. Veuillez respecter les instructions relatives à l'installation de l'appareil à la cheville stipulées dans le guide de l'utilisateur.

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.

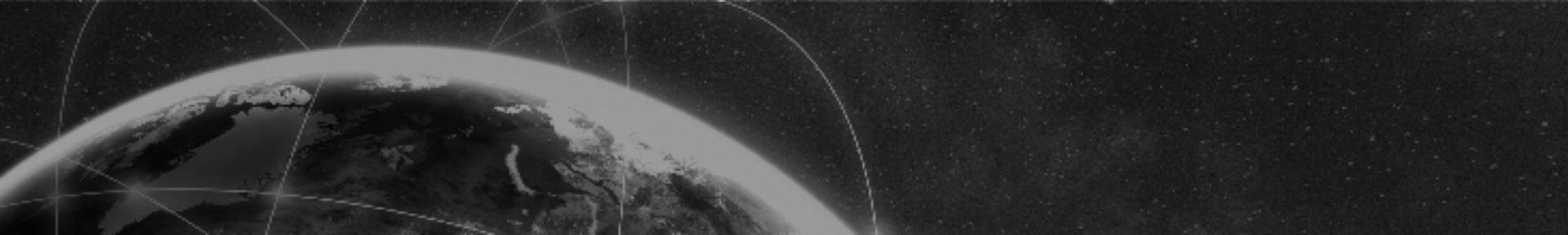
WARNING BATTERY SAFETY

The BLUrepeater device contains a non-removable lithium-ion battery. Do not attempt to remove the battery. Do not dispose of The BLUrepeater or the lithium-ion battery in a fire. The lithium-ion battery might present a fire or chemical burn hazard if mistreated. Do not disassemble, crush, or puncture the lithium-ion battery or the BLUrepeater device. Do not heat the battery or BLUrepeater device above 60°C (140°F).

Please return the Device to Satellite Tracking of People LLC, 5353 W Sam Houston Parkway N, Suite 190, Houston, TX 77041-5186 USA for disposal otherwise only dispose of the battery or BLUrepeater device in accordance with the laws and regulations in your area governing disposal of this type of battery.

SÉCURITÉ DES PILES

Les appareils BLUrepeater contiennent une pile au lithium-ion non amovible. Ne pas tenter de retirer la pile. Ne pas jeter BLUrepeater ou la pile au lithium-ion dans un feu. La pile au lithium-ion présente un risque d'incendie ou de brûlure chimique en cas de mauvais traitement. Ne pas désassembler, écraser ni percer la pile au lithium-ion ou l'appareil BLUrepeater. Ne pas chauffer la pile ou l'appareil BLUrepeater à des températures supérieures à 60 °C (140 °F). Veuillez renvoyer l'appareil à Satellite Tracking of People LLC, 5353 W Sam Houston Parkway N, Suite 190, Houston, TX 77041-5186 USA, pour élimination ou si vous voulez vous charger vous-même de l'élimination de la pile ou de l'appareil BLUrepeater, veuillez vous conformer aux lois et à la réglementation de votre région régissant la mise au rebut de ce type de pile.



BLUrepeater, BLUband, BLUbase, BLUHome, VeriTracks and various software icons are worldwide registered trademarks of Satellite Tracking of People LLC (STOP).

Software and Hardware described herein has U.S. and Foreign Patents Pending.

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This publication could include technical inaccuracies or typographical errors. Changes are periodically made to the information contained herein; these changes will be incorporated in new editions of the publication. STOP may make improvements and/or changes to the products described in this publication at any time.



BLUband

- o Small, Lightweight (4.6 oz) one piece device
- o LoRa/FSK Radio Frequency (RF) Technology
- o 18-month battery life
- o Tamper-resistant strap
- o Waterproof to 50 feet



BLUbase

- o Uses LAN as primary connection to our server
- o LoRa/FSK Radio Frequency (RF) Technology
- o Contains GPS to transmit its location
- o USB-C connector for power and to charge battery
- o 24 hours backup battery in case of power loss

- o Provides an RF tether to BLUband
- o Greenfield Range of 300 feet (open space with no structural constraints). *Certain structural elements may impact the maximum range.*
- o Range choices of Low/100 feet, Medium/200 feet, and High/300 feet
- o Responds to BLUband's presence and status (e.g. tampering, battery level)
- o BLUhome movement. Power loss, tampering and low battery reporting
- o 72 hours backup battery in case of power loss
- o Integrated biometric fingerprint reader for positive identification
- o Password-protected LCD panel for easy on-screen enrollment verification



VeriTracks

- o Universal software for all hardware
- o Web-based application (nothing to install)
- o Phone & Tablet-friendly
- o Google Maps
- o Mobile App

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BLUrepeater - Hardware Features

- o Works as a range extender for BLU accessories. BLUrepeater is designed to communicate with BLUbase and other BLU devices via LoRa/FSK Radio.
- o Rechargeable battery that will allow the unit to continue to operate up to six hours on battery power during power outages
- o Intended to be plugged into a 85-264V~ ☐ mains receptacle
- o Contains a power indicator LED.



BLUrepeater - Installation Instructions

- o Plug BLUrepeater into power receptacle in the room where it is to be installed. Preferably locate on the outer wall facing the interior of the structure. Location should be free of any wires, other electronics, or obstructions such as furniture that could interfere with the clear operation of the device.
- o This device should not be plugged into a power strip or extension cord.
- o Check the performance of the device and relocate to another receptacle if the device cannot communicate with BLUbase.