# Buletooth Dongle

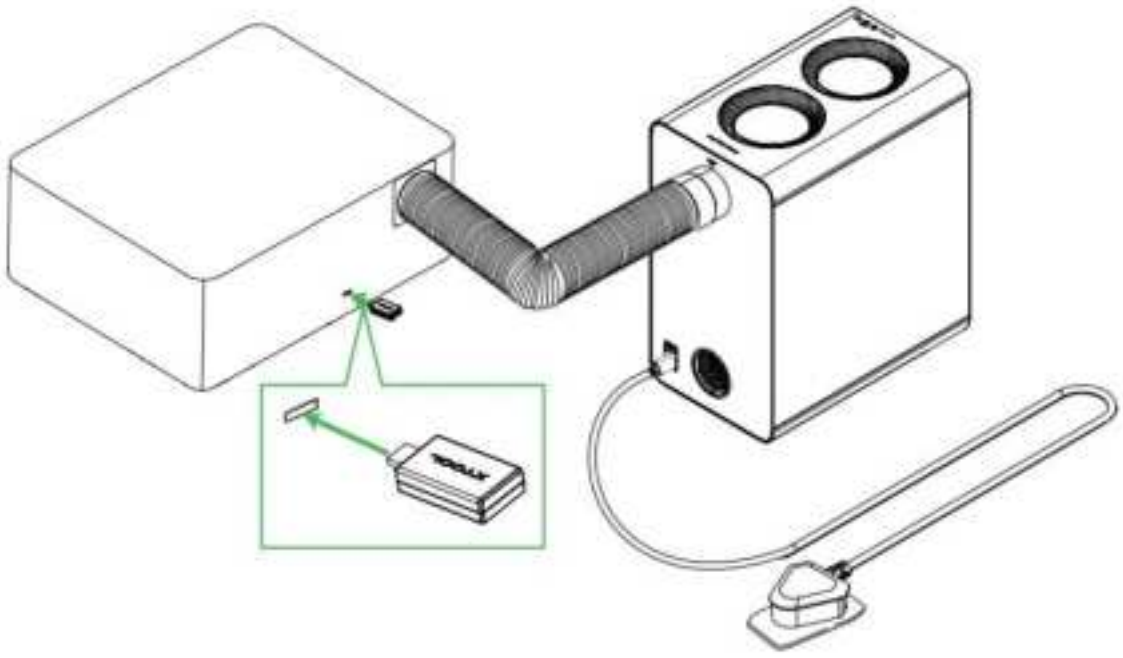
| | |
|---|---|
| **Model #** | BTD01 |
| **Document Version** | 1.0 |
| **Creation Date** | 2024-10-14 |

## 1. General

The BTD01 series low-power Bluetooth 5.1 module is a cost-effective industrial-grade Bluetooth module developed based on the Goodix SoC. It uses a stamp-type package interface. The module is compact in size, with a rich set of ports, making it easy for users to integrate into product designs. Users can easily achieve Bluetooth connection and communication with the module.

## 2. Operation Description

- Set up wireless connection, A wireless connection can be established only with xTool S1, M1 Ultra, P2S, and F1 Ultra.
- Insert the Bluetooth dongle into the extension port of the xTool machine. The preceding figure is for reference only.
- After the Bluetooth dongle is connected, the connection between the purifier and the xTool machine is automatically established. The machine device settings on XCS display information about the purifier. For more details, see"Use with XCS."



## 3. BTD01 Technology

| Item | Description |
| --- | --- |
| Working frequency | 2402～2480MHz |
| Bluetooth version | Compatible with BLE4.0/4.1/5.0/5.1 |
| Input | 5V DC, 1OOmA |

FCC STATEMENT :
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.
Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## IC Warning

This device complies with Innovation, Science and Economic Development Canada′ s 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.

Cet appareil est conforme aux normes RSS d'Innovation, Sciences et Développement

économique Canada en matière d'exemption de licence. Son fonctionnement est

soumis aux deux conditions suivantes:

(1) cet appareil ne doit pas provoquer d'interférences et (2) cet appareil doit accepter

toute interférence, y compris celles qui peuvent provoquer un fonctionnement

indésirable de l'appareil.

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.

IC RF Statement:
When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.

Déclaration IC RF:

Lorsque vous utilisez le produit, maintenez une distance de 20cm par rapport au corps

pour garantir la conformité aux exigences d'exposition aux RF.