


AMOSENSE

AMO Smart band BDTB-100

Quick Start Guide



Body temperature

Heart rate

Blood pressure

Blood oxygen

Respiratory rate

Step monitoring


Korean. 2020. Rev.1.0

Product Specifications

- Model No. BDTB-100
- Connectivity 2.4GHz Bluetooth LE 4.2
- Sensor Dual temperature(Skin/Core), Blood pressure
Blood oxygen, Heart rate, Activity, Respiratory rate
- User Interface 1.3" TFT Display(240x240 HD)
Touch button, Vibrator
- Power supply Lithium-polymer 3.7V, 105mAh
- Size Display : L 41 x W 35 x H 10.3 mm
Wrist band : 260 mm
- Weight 107.8g

Getting Started

BDTB-100 is advanced tracking smart band that gives you all-day vital sign stats(skin/core temperature, heart rate, blood pressure, blood oxygen, respiratory rate, all-day activity, sleep quality).



- BDTB-100 should usually rest a finger's width below your wrist bone and lay flat (as you'd normally wear a watch).
- Do not wear the band too tight; a tight band restricts blood flow, potentially affecting the heart rate signal.
- BDTB-100 is not medical device, and is not intended to diagnose, treat, cure or prevent any disease.
- BDTB-100 is waterproof, but if you sweat a lot or the product gets wet, the accurate readings may not be displayed. Remove sweat or moisture before wearing.

Appearance

- ① Display area
- ③ Charging port
- ⑤ Body temperature sensor

- ② Touch button
- ④ Heart rate sensor



Charging product



- To charge the band, plug charging cable into USB port on your computer or USB wall charger and plug other end into the port on the back of the band.
- When the battery level reaches 10%, a low battery warning and a vibration will sound. Charging completely takes 2-3 hours.

※ Battery life time may vary depending on the environment the device are used in.


Instruction

▶ Power on/off


- When using the product for the first time, you can turn on the product by pressing the button for 3 seconds. Charge the battery sufficiently before use. You can turn off the power on the device setting page.

▶ Home Screen


- There are 3 types of home screens: 1) graph type, 2) analog type, and 3) digital clock type. If you press and hold the button for more than 3 seconds on each home screen, the theme is sequentially changed to the next theme.



Theme 1



Theme 2



Theme 3

▶ Social Distancing

- When someone approaches within 2m, the vibration will sound 3 times and a warning message will appear on the screen for 5 seconds. It checks every 10 minutes to check and record the information of nearby devices.

approach
Open

Keep dist

▶ Vital sign monitoring

- BDTB-100 automatically tracks the following stats every 10 min : skin/core temperature, heart rate, blood pressure, blood oxygen, respiratory rate, all-day activity.
- For real-time measurement, wait for about 5 seconds without moving from the BDTB-100 measurement screen to another screen, and the measured value will be displayed on the screen. Pressing the touch button moves to the next screen in sequence.

Dual temperature measurement
33.5° 36.5°

Heart rate measurement
98 bpm


Blood pressure measurement
120/78 mmHg

Blood oxygen measurement
98 %

Respiratory rate measurement
20 /min

Step count
2345

▶ Setting



- If you press the button for more than 3 seconds on the device setting screen, you can enter device setting page. There are 4 setting pages(Wake-up gesture, Brightness adjustment, Device reset, Device Power off)
- Pressing the touch button moves to the next screen in sequence. You can change setting by pressing the button for more than 3seconds on each setting page.

Cautions

IMPORTANT: Please read and comply with all of the instructions provided in this manual before using the device. Failure to comply with the instructions given in this manual and/or using the device in ways other than the ones mentioned in this manual may result in serious injury and/or damage the product.

- Do not charge in voltage over 5V/2A.
- Do not charge the product while it is wet.
- Do not wear the product while charging it.
- Do not place your product in a dishwasher, washing machine, or dryer.
- This product is splash and rain proof. It should not be worn while showering or swimming.
- Do not use the device in corrosive liquid or excessive heat environment.
- Do not open the enclosure or disassemble the product. If the product is disassembled arbitrarily, the waterproof or dustproof function may be damaged.
- This product features a built-in battery, which is not user replaceable. Tampering with your product or attempting to open it will void the warranty and can result in a safety hazard.
- Use only the charger that shipped with your product.
- This product is not a medical device, and is not intended to diagnose, treat, cure, or prevent any disease.

Bluetooth connection

- Android 4.4 and above and iOS 8.2 and above
- Open SmartHealth APP
- Click connect device in homepage
- Device list
- Searching Device
- Connect corresponding device
- Connect successful.

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FCC Warning Statement 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 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.

The device has been evaluated to meet general RF exposure requirement.