

# FIOTI User Manual

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## Caution

- \* First of all, please read this caution carefully to use FIOTI correctly.
- \* The image on this manual can be different from the real product.
- \* The contents of this manual can be slightly different from product software version. You can download updated version from our web site, [www.fioti.co.kr](http://www.fioti.co.kr)
- \* Some of funtion on this manual can be limited according to the countries or smart phone's model specification (please refer compatible smart phone models on our web site.)
- \* Users can visit our web site and up-grade latest software by himself or herself.
- \* Some of malfunction may occur by application software
- \* In case user disassemble the product without manufacturer's consent, it is not subject to be the free after service
- \* Product operation distance (max 10 mmeter) can vary according to the using environment and bluetooth specification.
- \* This product is waterproof. But use this product within specified range.
- \* Avoid storage at high temperature places (inside of cars during summer season, etc.)
- \* Do not drop the product. Strong external impact can cause product damage or malfunction.
- \* Do not use when product got severe damage.
- \* Bluetooth has information security according to its standard. But please pay attention for better information security.  
(Our company does not take responsibility on data or information release through bluetooth)
- \* Operation or storage under dusty and contaminated environment can cause product malfunction.
- \* When you do not use for long time, please keep the product with power-off state.

## Product composition and functions

  
Main Body  
  
Charging Dock



Fashion Strap

- \* Main Body : Main body of FIOTI is the core product of FIOTI for various useful fuctions. It's assembled in fashion strap when you purchase the product. Please be cautious not to give excessive impact to the main body.
- \* Charging Dock : Charging dock is included in the package. Take out the main body from the strap and put the terminal (anode and cathod) of main body on the charging dock so that charging terminal contact tightly with charging dock.
- \* Strap : Wrist strap holds the main body and express his or her own characteristics and fashion.



- \* Charging Terminal : Charging terminal of main body connected with the terminal of charging dock.
- \* Power Button : It is used when power-on or power-off
- \* LED Indicator : LED light indicate the status of FIOTI operation.

## How to use FIOTI ?

### Power On and Off

Press "power button" more than 3 seconds and the power of FIOTI will be "ON state".

Press "power button" more than 10 seconds in the state of operation. And the power of FIOTI will be "OFF state".

2) Charging by using smart phone adaptor

\* As shown on below image, connect mini USB port to charging dock and the other end to power source.

\* smart phone adaptor can be various according to manufacturers.

3) Operation time after full charging can be different due to operation environment and product using time.

Caution - Pairing with smartphone shall be disconnected during charging.

Check point before pairing

1) Please check whether FIOTI is properly charged. (We recommend at least 30 minutes charge before use)

2) For the pairing of FIOTI with smart phone, please install FIOTI application at your smart phone.

\* Please download FIOTI application from "Play Store" for Android and "App Store" for iOS by searching "FIOTI BAND". (This is free application)

\* To connect FIOTI and Android smartphone, the OS version should be Android 4.3 or above.

\* To connect FIOTI and iOS smartphone, the OS version should be iOS 7.0 or above.

\* Smart phone should support Bluetooth 4.0 Low Energy standard.

\* There can be some limitation on FIOTI application utilization according to the smart phone manufacturers or smart phone models. (Please refer FIOTI user manual page \_)

Pairing with Smart Phone

1. Pairing for the first time

1) Check FIOTI is ON and it is under stand-by mode. When FIOTI is under stand-by mode, LED indicator is continuously flickering.

2) Check whether smart phone is located nearby FIOTI

3) Check smart phone whether Bluetooth is "ON"

4) Activate downloaded FIOTI application

5) Following FIOTI application's guide, activate "Search Device"

6) Select FIOTI after searching and connect device with smart phone.

7) When FIOTI is successfully connected with smart phone, there will be vibration indicating successful line and LED indicator will be OFF.

2. Re-Pairing

1) When FIOTI disconnects with smart phone, FIOTI will be back to pairing stand-by mode with vibration and flickering of LED indicator. And FIOTI will try re-pairing with smart phone

2) When FIOTI disconnects with smart phone, FIOTI application displays the disconnection with FIOTI and try re-pairing with FIOTI.

\* Disconnected time is longer than 1 hour, trying term for pairing can be longer and can have some problem on pairing.

In this case, push power button "one time" or activate FIOTI application on smart phone for "Device Connection".

3) Disconnection can happen due to following reasons

- When charging FIOTI

- When the distance of FIOTI and smart phone is more than 10 meters

- Frequency becomes weaker due to the obstacles between FIOTI and smart phone

- When any of FIOTI or smart phone's power is OFF state.

- When the Bluetooth function of smart phone is OFF.

- Menu setting or other environmental factors, etc can cause disconnection.

FIOTI Operation

Smart Alarm - FIOTI will alarm with vibration and LED indicator when following events occur.

When there is incoming call, message, alarm/schedule, etc of smart phone

When there is alarm occurring by installed application of smart phone.

When pairing disconnects or connects to avoid smart phone loss or left.

In case of incoming call, vibration and LED indicator will continue until call receipt. One short button push will activate silence mode of smart phone.

And two times of short button push will activate call refuse.

When there is incoming call, message, alarm/schedule, etc of smart phone, LED indicator will continuously flicker until push the FIOTI button or unlock the smart phone.

Alarm will with several vibrations. To stop vibration, please push button shortly.

Caution - Alerting Alarm will not occur for the alarms excluded in FIOTI basic or application alarm settings.

Health Care functions - Under FIOTI Action mode, FIOTI will record the foot-steps of users. And under sleeping mode, FIOTI will record user's sleeping pattern.

The recording will be stored for max 7 days without databack-up.

Sleeping mode - Push the button two times shortly to switch to sleeping mode. For comfortable sleeping, connection and disconnection alarm may not occur.

Action mode - Push the button two times shortly. And it will convert to Action mode.

SOS Safety Service - This service is sending message for "HELP !" together with user's location (on google map).

\* To activate SOS mode, push the button more than 3 seconds until LED indicator flickering (pink color).

\* To get out from SOS mode, push the button more than 3 seconds again until LED indicator flickering (pink color)

\* Caution - During SOS mode activation, phone search, device search and tag functions do not work.

My Phone Search - This is finding my phone when user does not know the location of phone. When user activate this function,

the display of phone turn on brightly and ring the bell so that user can easily find phone location.

To activate "My Phone Search", push the button three times shortly.

To get out from "My Phone Search" mode, push the button one time shortly.

To get out from "FIOTI Search" mode, push the button one time shortly.

FIOTI Operation Mode - Users can select "Smart Alarm, Fitness mode or both" according to user's preference. Ex) If user want incoming call, message arrival alarm only, user can select Smart Alarm mode only.

If user select "All" or both "Smart Alarm" and "Fitness" as the operation mode at FIOTI application, all the operation mode will be activated.

\* You can use FIOTI longer without additional charge in case using "Smart Alarm" mode only or "Fitness" mode only rather than using "All" mode.

Tag function - User can record and save the "time, location, whether condition and memo" of tag recording.

To activate "Tag", push the button more than 1 second until blue light LED indicator flickering. (user should input memo at application by himself/herself)

Caution - "Tag" function will not activated under disconnected status with smart phone.

Caution - "Tag" function can be recorded and saved more than one minute interval.

Low Battery Warning

When FIOTI is low battery, FIOTI will send signal indicating low battery with vibration and LED flickering. LED will flickers periodically to give warning.

When FIOTI is low battery, there will not be vibration except when FIOTI turns off.

Caution - when FIOTI is low battery, we recommend to charge FIOTI as soon as possible.

Operation Mode Check

To check the operation mode, push the button one time shortly under stand-by status. LED indicator will indicate the status whether it is SOS mode or Sleeping mode.

## How to Up-Grade and Cautions

How to Up-Grade ?

Wireless Software Up-Grade is available through FIOTI application.

Before software up-grade, check the battery first whether it has properly charged.

In case FIOTI application is updated and automatically pop-up for FIOTI software up-grade generated, click "Confirm" and upgrade FIOTI software.

FIOTI will indicate the status by LED indicator during software up-grade and downloading.

When software up-grade is completed, FIOTI will re-boot and start re-pairing with smart phone.

In case FIOTI software up-grade fails, users can manually up-grade software on FIOTI band application "version confirm" menu.

Cautions during up-grade

Before FIOTI software up-grade, please check whether FIOTI Application is latest version.

We recommend user to keep the FIOTI Application to the latest version. In case Application version is not latest, there is possibility of unexpected side effect.

Please up-grade software when FIOTI is properly charged.

During software up-grade, put the smart phone nearby FIOTI so that there is no interruption on connection between smart phone and FIOTI.

When FIOTI software up-grade completes, saved data in FIOTI will be erased. Before software up-grade, please synchronize data with FIOTI application.

Please try again if up-grade fails during software up-grade. User can follow the instruction Help>Version Check>FIOTI Up-date for software up-grade.

## FIOTI Application User Manual

### FIOTI Application

How to install application ?

Please download FIOTI application from Play Store for Android smartphone and App Store for iOS smartphone by searching "FIOTI BAND"

For the pairing of FIOTI and Android smart phone, OS version of smart phone should be above than Android 4.3.

For the pairing of FIOTI and iOS smart phone, OS version of iOS should be above than iOS 7.0, iPhone 4S.

According to manufacturer's OS policy or hardware characteristics, some of FIOTI function can be limited.

Pairing

Check point before pairing

Check whether Bluetooth function of smart phone is "ON".

Check FIOTI whether power is "ON" and LED indicator is flickering.

Connecting with "Pairing Help".

Together with first installation of FIOTI Application, "Pairing Help" will start to guide successful pairing.

At FIOTI Application, click "FIOTI search" for the search of device.

Searched device will be indicated as "FIOTI-1234".

Select among the device list which 4 digits from the end of product serial number matches. Product serial number is indicated at product package.

FIOTI application will proceed pairing with FIOTI.

After successful pairing, image of pairing and information of FIOTI will be displayed on the screen.

Disconnect Pairing

To disconnect FIOTI and smart phone, select band image on application main page and click "disconnect pairing".

Re-Pairing

When FIOTI is disconnected with smart phone, select FIOTI image on the main page and click "Re-Pairing".

After pairing is successful, connected image on the main page will be displayed.

Basic Alert (Alarm) Setting

FIOTI will alert user with vibration and LED flickering for below mentioned case.

Incoming call

SNS message

User can set the Basic Alert function at "Start Help" or "Setting Menu" page.

Caution - In case FIOTI is "Do not disturb" mode or disconnected with smart phone, there is no alarm or alert.

Caution - FIOTI does not support alert or alarm function for iOS except disconnection with smart phone.

#### Application alert setting.

FIOTI will alert with vibration or LED flickering for all installed application on smart phone when there is application alert status.

Please set the menu at "Start Help" or "FIOTI application setting menu" of mainpage.

Caution - "FIOTI BAND" should be selected at "Access Alert" setting menu of Android smart phone.

Caution - Application Alert function does not work under iOS smart phone

#### Setting "Do Not Disturb" function

Under "Do Not Disturb" function, there will not be alert(vibration or LED indicator) during "Do Not Disturb" set time on smart phone.

Please set or release the function at "Start Help" or "Do Not Disturb"

You can set the time of this function to avoid from alert of FIOTI.

Caution - "Do Not Disturb" function is prior to the other application menu settings for alert or alarm.

#### Setting SOS safety service

FIOTI Application can send emergency SOS calls and messages including location information to the pre-set telephone numbers for help.

Please set the call and message number to send "SOS Help" together with lead time for call or message sending at setting menu on FIOTI application.

User can set maximum 5 telephone numbers for calling and 1st set numbers can be used for "SOS safety service"

Tracing mode setting can send emergency message periodically and send help message including location information with selected interval periodically.

Caution - For exact location information, turn on the smartphone GPS function. Correct location information may not be available in case users are indoor, basement or tunnel.

Caution - User can have legal disadvantage in case of false call or messages. Therefore be careful on the activation of SOS safety service.

#### Setting operation mode

There is two major function on FIOTI. One is "Smart Alarm" and the other is "Monitoring of Exercise". User can choose any of function or both according to user's preference.

Set the function at "operation setting mode" of menu setting.

Basic and Application Alert function will be off in case user "OFF" the Smart Alarm function.

"Pedometer and Sleep Monitoring" does not work under the "OFF" state of "Monitoring of Exercise".

Any of choice between "Smart Alarm" or "Monitoring of Exercise" will have longer battery lifetime rather than choosing "All" function mode.

Caution - iOS does not support "operation mode".

#### How to use FIOTI ?

If there is any difficulty using FIOTI, please read help guide on "How to use FIOTI".

#### Customer Support

In case user have any problem, inconvenience on using or recommendation for improvement, please send inquiry or questions through customer support menu. User's inquiry and questions will be delivered to related department and promptly react on it. Please input user's e-mail address and send together with questions or requirement on detail.

For the questions and requirement,

#### 버전확인 Version Check

User can check the application software version and device firmware version.

User also can check the available version for up-date.

If there is available up-date version (latest version), user can up-date the software and firmware.

Caution - Up-date can be interrupted due to communication fails. In this case, please re-start up-date and firmware up-date will start from the beginning.

#### Device Search

Device search helps to find device location. Upon activation of Device Search, the device vibrates and flickering LED so that user finds the device easily.

When "Device Search" function is ON, the button color of device search will change.

To activate or release the function, click the device search button.

#### Activation and status check of "SOS safety service"

This service is to give out call and help message including location information to pre-set telephone numbers.

When "SOS safety service" is ON, the button color of "SOS safety service" changes.

To activate or release "SOS safety service", click the "SOS safety service" button.

#### Activation of Sleep mode and Status check

Under "Activity Mode" device records foot steps. And under "Sleep mode"

When Sleep mode is "ON", the button of Sleep Mode will change (When Sleep Mode is OFF, Activity Mode is "ON" state).

To activate sleep mode, click "Sleep Mode" button.

Caution - In case "Sleep Mode" is ON by automatic sleep mode setting, the sleep mode button will change automatically.

#### Battery charging state indication

Once pairing completes, battery charging state will be displayed at application.

Caution - When warning message for battery charging is ON, recharge battery so that the device does not turn off.

For the pairing between FIOTI and Android OS Smartphone, the OS version should be above than Android 4.3.

Caution - No separate Lifestyle application will be provided for iOS smartphone. Only consolidated " FIOTI Application" will be provided.

Caution - Some function will be limited under iOS smartphone.

## Account

### Account creation

To provide better convenience and service, data stored in the device or application will be sent to server. (Please refer "Terms of Use" for the transmitted data)

Created account will be connected with server by networks. For the creation of account, activate wireless networks

To create account, agree on "Personal information collection" and "Application Terms of Service".

Once account creates, fill in ID and Password on the created Log-In page.

Caution - Smartphone without telephone number can't create account.

Caution - Lifestyle application will be available when only when account is created.

Caution - Please fill in actual e-mail address in use on ID for customer support and Password search service.

### Log-In

User can log in by filling in the ID and Password at created account.

Once user log in, log in state will be maintained until user log out or delete application.

Once log in completes, data will be synchronized by connecting with server and device. For the first time synchronization, it can take time due to much of data transfer.

### Password search

When user can not remember password, user can receive password to the registered e-mail address.

After log in with temporary password, we recommend to change password.

### Profile

User can set personal profile with information like picture, name, gender, birth, height, weight, foot step distance.

Set profile information will link with server and can be used for friend/ranking or result of exercise.

Footstep distance will be automatically calculated when user input height and weight. Footstep distance can be changed manually.

Caution - For more correct output provided by application, please set profile data correctly.

### Profile Lock setting.

This function asks user to fill in password to get into profile menu. It will keep your privacy.

### Account Management

User can change Log In / Profile Lock password.

By executing data initialization, user can delete stored data. Account profile information will not deleted.

By executing account delete, user can delete account information and data together.

By executing log out, you can log out the account.

## Setting

User can set footstep goal or sleep time goal. After achieving set goal, it will be displayed at state page

Menu setting for background data storage for used application on smartphone will be provided.

## Friend registration

User can register friend at registered account on server. User can share footstep numbers and ranking information.

It will be automatically listed as friends in case user have stored numbers of the other party and the other party also have stored number of user at phonebook.

In case there is stored number of the other party on user's phonebook and the other party do not have stored number of user, "ask friendship" will be registered to the other party only.

In case user do not have number of the other party at the phonebook and the other party has user's number, "ask friendship" will be registered on user's phone.

User can "accept" the "ask friendship" for registered account. Once you accept the "ask friendship", two parties become friends.

User can block or exclude the other party from registered account.

Eventhough user block or exclude the other party from friendship account, your friendship account on the other party will not be blocked or excluded.

In case user block the other party, the other party will be excluded from friends list. And unseen from the other party's friends list.

## Device Setting

### Smart Alarm

Smart alarm function only operate under "Sleeping Mode". FIOTI monitors user's sleeping state and motions and pleasantly awake user with vibration and LED flickering.

User can set maximum 5 Smart Alarms and set repeat 7 days.

Caution - There is no alarm in smart phone. (Alarm on FIOTI only)

### Automatic Sleeping Mode

This mode does not need to set or off the "sleeping mode" every time before sleeping or awakening. Based on pre-set "Sleeping Mode" time, it automatically changes to "Sleeping Mode" or "Action Mod" according to user's activity. Even though "Sleeping Mode" is ON, it will keep "Action Mode" in case there is much motion during sleeping.

Once "Automatic Sleeping Mode" is ON, it will continue until the finish of pre-set Sleeping Mode time.

## Notification

This function notifies in case there is anything to notify during the operation of application or server.

## Help guide

We provide " Terms of Service" for the collection of private information to create account and for data transmission to server. Please agree upon reading the terms and consitions.

#### Customer Support

User can send problems or inconvenience on using through customer support menu. And reply on the sent message will be provided by customer service department.

Please describe requirement on detail.

For the sent messages or requirement, the reply will be sent to registered e-mail address on users account. Even though there is no reply, user's opinion will be reflected on product improvement or on next model development.

#### Weather

FLOTI Application displays the weather of user's current location. Short touch will synchronize to up-dated weather. Long touch will change the temperature to Celcius and Fahrenheit.

Caution - In case GPS and wireless network is not activated, user can not have up-dated weather information.

Caution - There can be slight difference from actual temprature where user located. Please take it as reference.

#### Activity Recording

The Activity Recordings displays measured footsteps in graphs by day/week/month/year.

Based on footstep data, it dispalys moved distance, consumed calorie and activity time.

#### Sleeping Recording

Sleleping Recording displays sleeping data in graph by day/week/month/year.

By tracing sleeping time and sleeping pattern, it displays "Deep Sleep Time", "Non Deep Sleep Time" and "Awaken Time".

#### Calorie

Calorie consumption will be displayed in graph based on measured footstep data and profile information by day/week/month/year.

It will calculate and display "Total Consumption", "Recommended Consumption" and Basic Metabolism".

Caution - There can be some difference between calculated data from measured and actual calorie consumption.

#### Ranking

User can share the footstep data with registered friends and can check the ranking.

Ranking displays by yesterday/last week/accumulated by using calculated footsteps data.

#### Application history

Application history which used in smartphone will be dispaled by day/week/month/year.

The graph is displayed in bar or circle.

Caution - Using time will be measured by minutes. Therefore, there can be some difference from actual using time.

#### Tag

User can record the stored time, location, weather and memo.

Stored location will be displayed in the map.

Stored memo can be edited.

Caution - In case GPS and wireless network is not activated, normal display of information will not be available.

#### FCC Information to 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 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 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 con-nected.
- Consult the dealer or an experienced radio/TV technician for help.

#### Caution

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

FCC Compliance Information : 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