



# User Manual

# Petpuls User's Guide

**BIZNTOUR**  
[www.bizntour.co.kr](http://www.bizntour.co.kr)

"Work and Travel"  
App Service

**PETTER**  
[www.petter.co.kr](http://www.petter.co.kr)

Accommodation Info  
and Pet-Sitting  
Service for Pet s

**PETPULS**  
[www.petpuls.net](http://www.petpuls.net)

Emotional Connection with Pets,  
Health Monitoring Service

- + Recognition of your pet's emotions and measurement of their activity
- + 5 types of emotions and calories burned shown using graphs and charts
- + Support such as medical care, education and management using big data



Android



iOS

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## Introduction

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### Product Introduction/Features

PetPuls is an AIoT wearable device that detects the emotions of your pets using their voice, and uses activity sensing for better physical care and emotional communication with your pets. In the case that the owner leaves for travel or work, Petpuls allows the owners to remotely monitor their pets by equipping them with Petpuls IoT. With the basic Principle that good emotional understanding of your pets leads to better care, this product was created through 3 years of extensive pet voice data collection and research.

- Korea's First Smart Petpuls System
- Measures Burned Calories Depending on Activity Level
- Expression of 5 Types of Emotional State Through Voice Data Analysis
- Petpuls Application Supports Android or IOS
- Wireless Internet Connection (Built-In Wi-Fi)
- Movement/Sound Detection Notification Function(Smart Call)
- Well-Fitting Strap Design (Detachable)
- Used Environment Friendly Silicon Material
- Stylish Design

## Product Functions

- Built in system for device internet connection
- Ability to register and view your pet's information
- Ability to view your pet's activity graph in hour/week/month intervals
- Favorites feature
- Pet sharing feature
- Wireless internet connection
- Pet emotion evaluation through voice recognition

## Product Specifications

- Wireless LAN (Wi-Fi) : supports IEEE802.11bgn
- frequency : 2412 ~ 2462 MHz
- output power : 802.11b : 8dBm  $\pm$  1 dB
- 802.11g,n20 : 8dBm  $\pm$  1 dB
- Voice Recording Time: 1 hour/day (max.)
- Adaptor Input Voltage : AC 100 ~ 240V
- Device Input Voltage: DC 5V 0.7A
- Optimal Function Temperature Range: 0 ~50°C (Storage Temperature: -10 to 50°C)
- Target Pets : Small/Medium/Large Sized Dogs
- Main Device  
Size: 50mm(W) X 34mm(D) X 17mm(H)
- Strap Size: 380mm(W) X 17mm(D) X 2~14mm(H)
- Weight: Main Device(25g), Including Strap(45g)
- Water Resistance Rating : IP65
- App: Android Version(Over 4.1), IOS Version (Over 11)

## Components



## Composition and Preparation Before Use

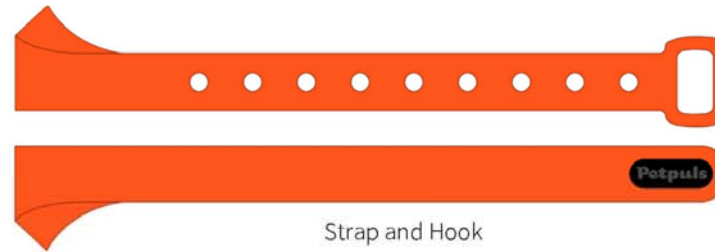
# 3

### Product Composition



Main Device

- Micro 5-Pin smartphone home charger



Strap and Hook

- recommended for charging adaptor.



User's Guide

- Charging adaptor can be purchased separately
- If you don't own a charging adaptor, device can be charged connected to a PC USB.



## Preparation Before Use

- A wireless router is necessary as this product requires internet connection.
- The router's SSID and password is required to set up your device.
- The SSID is the name of the wireless router your phone is connected to.



## How to Use

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### Powering ON and OFF

- To turn ON : Press and release the power button after 2 sec
- To turn OFF : Press and release the power button after 2 sec

### Charging

- Rated Input: DC 5.0V 0.7A~1.2A
- Micro 5-pin smartphone home charger recommended

### LED Status Display

	Status	Condition
Power ON	Green/Red LED light alternate flash	Device preparing
	White LED light ON then OFF	Resetting Wi-Fi
	Blue LED light flashing	Charging
	Blue LED light ON	Fully Charged
Power OFF	LED turns OFF	
Power Status	Press and release power button once	Power ON : White LED ON then OFF
	Green LED light flashing	Power ON : Green LED flashing every 3 sec
Reset	Press and release reset button after 5	Green/Red LED light alternate flashing

## Petpuls App Download and Instruction

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### Downloading Petpuls App On Your Smartphone



Search 'Petpuls' in Google Playstore for Android, press download



Search 'Petpuls' in App Store for IOS, press download

### Connecting your device to a wireless router

Connecting your  
device to a wireless  
router only occurs  
once or when the  
router is changed.



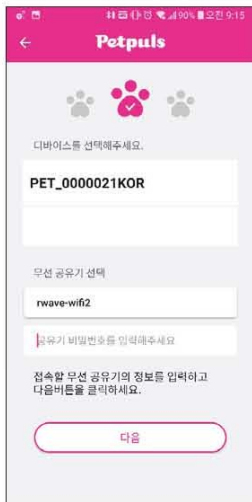
<Image 1>

- After downloading, move to the screen shown in <Image 2> by pressing the button on the upper right hand corner of the screen shown in <Image 1>.
- Turn on your device by pressing the power button for 3 Seconds.
- After a moment the device will enter preparation mode, indicated by alternately flashing green/red LED lights.



<Image 2>

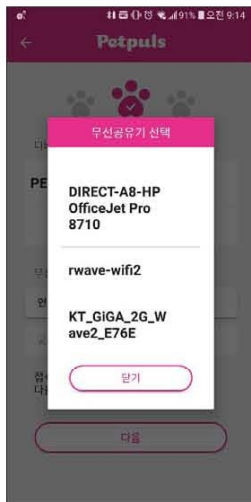
- If Green/Red LED lights do not flash, press the reset button shown in <Image 2> for 5 seconds.
- If alternating Green/Red LED lights appear, press 'next' to move to the screen shown in <Image 3>.
- A screen will appear saying 'Search for Wi-Fi'. Then, a device number input and wireless router selection screen will appear.



<Image 3>

- As shown in <Image 3>, the app will find your device and display the device number.v  
(If you own multiple devices, a list of devices will appear and you can choose the device number of the device you wish to connect. The device number is written at the back of the device.)
- You will be moved to screen shown in <Image 4> after pressing ‘please select a router to connect to’.

**The app needs to send wireless router information to the device.**



<Image 4>

- Select the router you wish to connect to from the list of connectable wireless routers.
- Enter the router's password as shown in <Image 3>.
- Press “next” to move to screen shown in <Image 5>



<Image 5>

- The device's LED lights will turn orange for 5 seconds before turning off.
- After the LED light turns off, press 'next'
- When all LED lights are turned off, it indicates that the device has successfully connected to the router. Then, enter your pet's information using the next screen as reference.

**If alternate flashing of green/red light continues, press restart button for 5 seconds before retrying the process.**

- We Petpuls provide compensation for the device following the consumer damage compensation regulations shown below.
- If you cannot access the place of purchase or our agency in case of device damage, please receive help from a service center or a designated cooperative company.
- Compensation status and details will be resolved within 7 days of request date, and damage compensation will be resolved within 14 days of notification.

### Free Service

- A device is only eligible for free service if the device is damaged with a year (warranty period) of purchase. However, if the product is used for business purposes, the warranty period is reduced by half.

### Paid Service

- When the device is not damaged
- When the device is damaged due to consumer negligence
- When the device is damaged due to natural disasters (fire, salt damage, flood)
- 소When consumable parts wear out (batteries, charging port and other attachments)

### Warranty

Product Name	Petpuls	Model Name	RPL-0010
Date of Purchase	MM/DD/YYYY	Serial Number	
Location		Price	
Warranty Period	A year since date of purchase		

## FCC Compliance 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.

CAUTION: Any Changes or modifications not expressly approved by the manufacturer 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.

A minimum separation distance of 20 cm must be maintained between the antenna and the person for this appliance to satisfy the RF exposure requirements.