

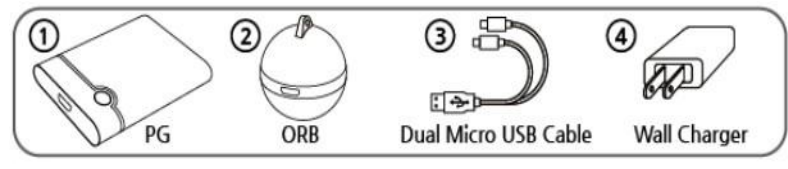
Guarian Pet Tracker User Guide

GPG-100

Guardian ORB, Portable Gateway & App User Guide


1. Contents

- ① Portable Gateway (PG)
- ② Guardian ORB
- ③ Dual Micro USB Cable
- ④ Wall Charger



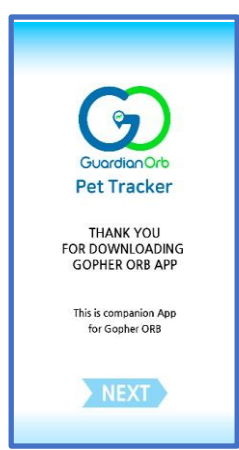
Notice : Please charge both ORB and Portable Gateway fully before using.

STEP 1 : Install Guardian ORB Pet Tracker APP

- 1) Download and install Guardian ORB Pet Tracker APP from Google Playstore or Apple App-store
- 2) Press  to open installed App
- 3) Follow steps for user sign in and product registration.



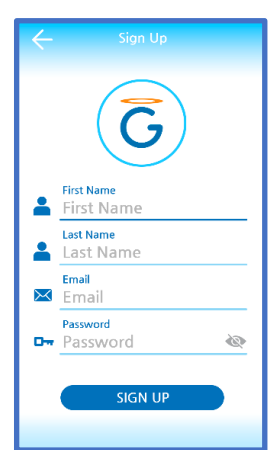
Choose "NEXT"



Choose "NEW USER SIGN UP"



Input user information name



Input 4 digits for password then press "SIGN UP"

STEP 2: Pairing Portable Gateway

- 1) Before pairing with Portable Gateway and ORB, turn on BLUETOOTH in the phone.
- 2) Press and hold power button to turn on PG. When power is on, blue and red lights are blinking.
- 3) Press POWER button shortly again to pair with App. (Blue light is blinking fastly)
- 4) Choose "GATEWAY PAIRING" then select Portable Gateway for pairing.



STEP 3 : Pairing ORB

- 1) Press and hold power button to turn on ORB. When power is on, blue and red lights are blinking.
- 2) Press POWER button shorly again to pair with portable gateway. (Blue light is blinking fastly)
- 3) Choose "ORB PAIRING"
- 4) After pairing with ORB, press "SAVE" button

5) When you can see "Check the ORB status.", Please check ORB's Power & Standby Mode.



APP USER GUIDE



- A. Refresh paired ORBs.
- B. Edit image of selected ORB.
- C. Display paired ORB(s).
Activated ORB is shown with vivid image. Inactivated ORB is shown blurred image.
- D. Edit name of ORB
- E. ID of ORB. This ID is used when you send request to server and can not be edited.
- F. Tap this to see ORB on the map.(Show selected ORB in A)
- G. Show distance between Portable Gateway and ORB
- H. Display date and time.
- I. Show unit of distance. Meter or Mile
- J. Tap this to setup distance and unit in popup window.
- K. Send search ORB request to server.
Use this when ORB is out of communication range and ORB is displayed as an inactivated .
- L. Tap this to see moving record on the map.
- M. Tap this to see all activated ORBs on the map.
- N. Display battery levels of paired ORB and Portable Gateway.
If ORB or Portable Gateway has low battery, Red LED on device will be blinking.
- O. Save moving record of selected ORB.
- P. Remove ORB. To remove ORB, choose one ORB from "A"then drag to here.
- Q. System Setting.

SPECIFICATION

Item	PG=Portable
Main Feature	Lora + BLE
Communication Distance	Lora : 1.5 Km BLE : 40 m / BLE Ver. 4.0
Frequency band	Lora: 915 MHz BLE: 2402MHz-2480MHz
Receive Current	<15mA(Lora)/<25mA(BLE)
Transmitter Current	<125mA (Lora 20dbm) <25mA(BLE)
Receiving Sensitivity	<-116dBm(FSK 600bps 18KHzDev 83.3RxBW)
Sleep Current	<200uA
Size & Weight	30 x 65 x 9mm / 22 gr
Battery	300 mAh (602030)
Current Consumption	<30mAh(Average)
Operation Time	8 Hours
Adaptor	5V/1A with Micro USB

Portable Lora with GPS & Portable Lara with Bluetooth

FCC WARNING

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.

Any 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

FCC ID: 2AROAGPG-100