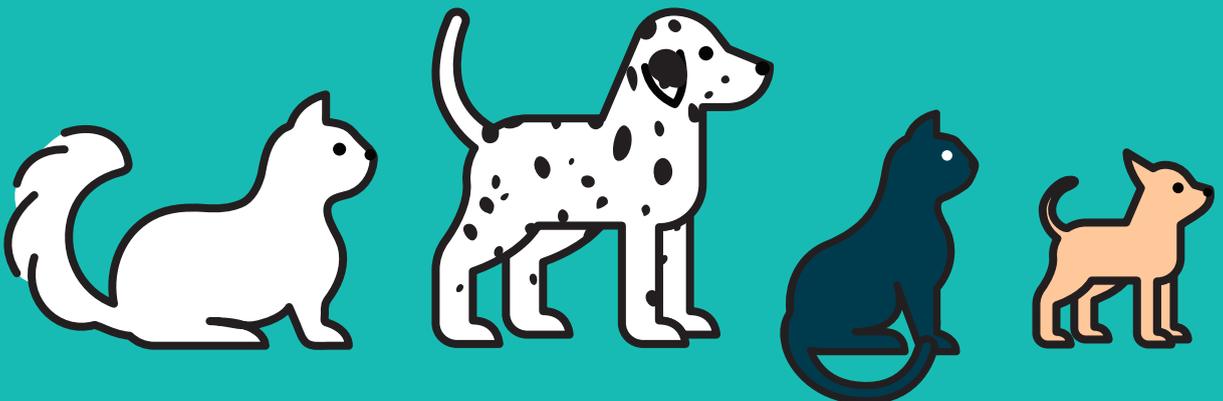


Petsitter Robot for Pets, PEDDY

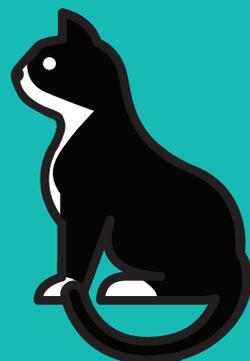
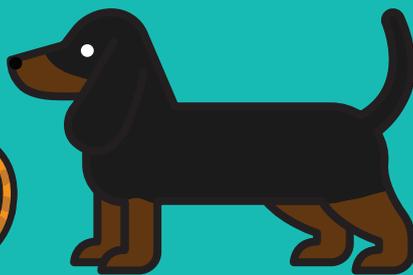
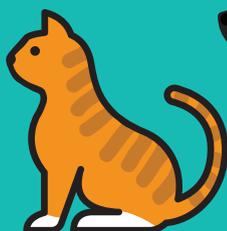
# PEDDY

USER GUIDEBOOK





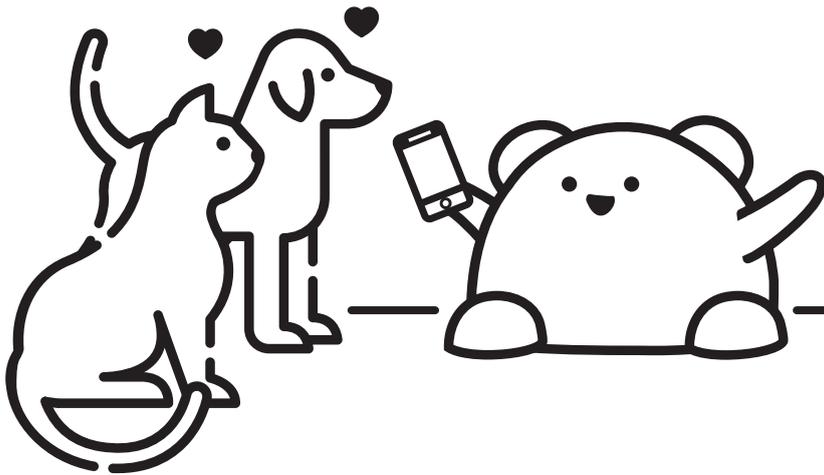
**PEDDY**



**GURUIOT** TEL. +82-2-6953-9610 **WEB.** [www.guruiot.com](http://www.guruiot.com) **Facebook&insta.** @guruiot

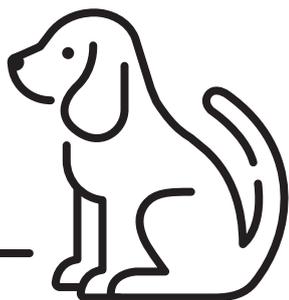
All you have to give is Love.

# PEDDY will take care of pets.



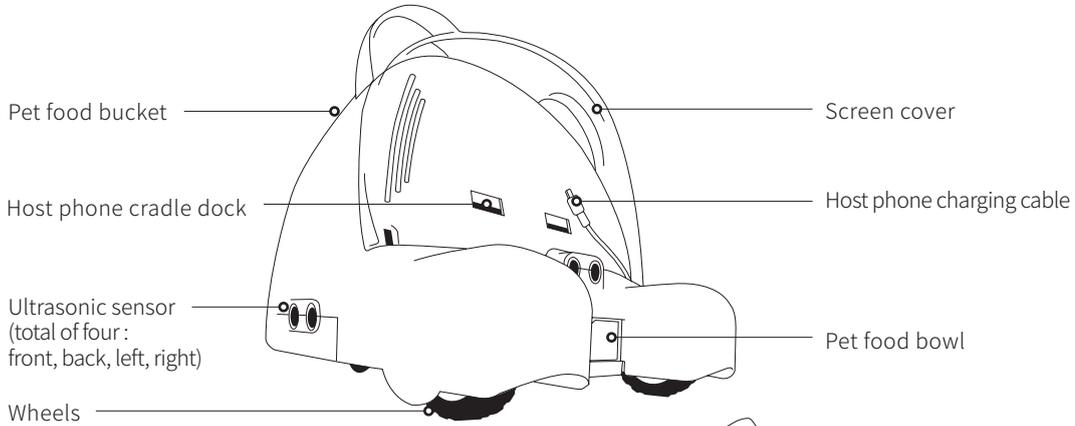
# Contents

- 4 Name of parts / Components
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- 8 Master and General User Registration and Unregistration
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  - 4) AUTO PLAY / SMART CARE
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## Name of Each Part

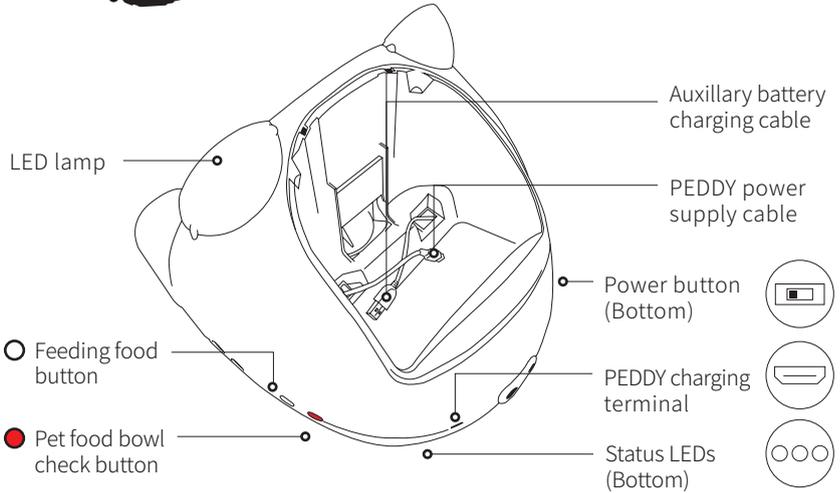


### Feeding food button

Only works when PEDDY and host phone is connected via bluetooth

### Pet food bowl check button

Only works when PEDDY power is on



## Components

Make sure that all components of product are included. Components may not be provided with the identical products.



①

Main frame



②

Auxillary battery



③

Skin



④

Screen cover



⑤

Host phone cradle



⑥

Charger



⑦

Angle control block



⑧

Block fixing sticker



## Check Before Use

For seamless use, check the following contents.



Factory reset is recommended before using host phone.



A separate smartphone with bluetooth is required for use.



When registering host phone, turn on bluetooth and location settings for connection with PEDDY.



Before using PEDDY for the first time, it is recommended that the host phone and auxillary battery are fully charged.



Set Host phone lock method to 'none'.

(settings - lock screen - screen lock method - none)



Set the automatic screen turn-off time to minimum. This can increase battery efficiency and allows for better experience.



For seamless use, automatic updates for the host phone app are recommended.



Reboot the host phone before use if it hasn't been used in a long time.

- 🔁 Periodically reboot the host phone connected to PEDDY.
- ⚠️ IOS isn't supported in host phones (only Android), and for user phones Android and iPhone 6 and higher (from iOS 11) are compatible.
- ⚠️ Right after the factory reset, the bluetooth connection may not work smoothly because of the update of the basic applications. Please use it after done.
- ⚠️ For seamless use, please create and use a new Google account in host phone.



## Prepare Before Use

### App Download

After searching 'PEDDY', download the app in host phone and user phone.

For seamless use, automatic updates for the host phone and user phone app are recommended.

#### Android App



#### iOS App



#### Host Phone

Android smartphones installed in PEDDY

ANDROID

#### User Phone

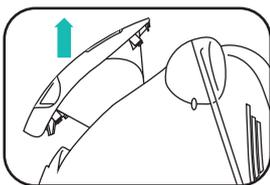
User smartphone

ANDROID

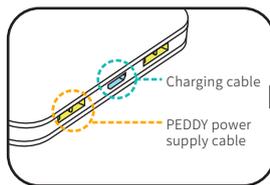
iOS



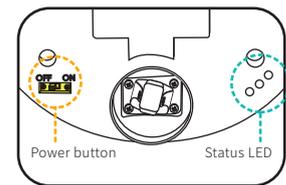
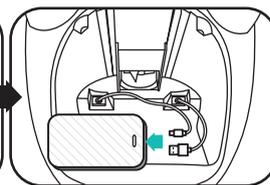
## How to Connect PEDDY Power



① Take out the food bucket.



② Connect the auxillary battery to all 2 cables and install the food bucket back.



③ Turn on the power below the PEDDY and check the status LED.

⚠ After installing the food bucket, open the lid on top and turn it one way so that it is placed on the bottom, and put the food. If the food is put in the bucket before installing it to PEDDY, food may spill to where the battery is.

#### Status LEDs

- Flickers when waiting for bluetooth connection. After successful connection, turns off.
- Flickers during charge. After fully charged, stays on.
- Turned on when connected to 'PLAY' status with one of users.



# Host and User Registration

Process to connect PEDDY to host phone and user phone before using PEDDY.  
Please proceed with the following steps.

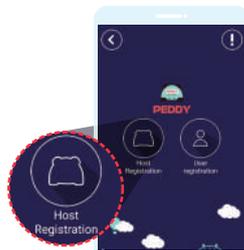
⚠ **User registration is allowed for up to 3 people.**

## Host Phone Registration Process

### 1. Register host phone

It may take some time for first bluetooth connection with PEDDY.

Please check whether the blue status LED is turned off that shows bluetooth connectivity, on the bottom of PEDDY.



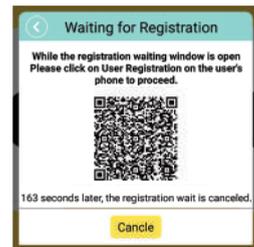
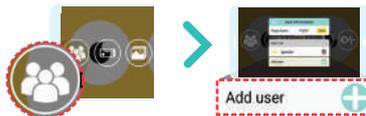
Choose PEDDY01~PEDDY05

### 2. Wait for User registration

#### When there is no registered user



#### When there is registered user



## User Phone Registration Process

### 1. User registration

Complete user registration in 3 minutes.



Scan QR code of host phone



Enter my name and confirm



## Difference between Master and General user

	User Type	Play	Auto Play	Smart Care	Gallery	Change Master	Emergency Alarm
Master		O	O	O	O	O	O
General		O	X	X	O	X	X

⚠ When nobody is registered in the host phone, basically the first user who is registered become the master user. The user who is followed by master user become general user.

## How to Change Master

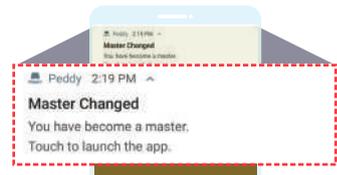
### 1. Change within host phone



① Touch screen and touch user information



② Touch image of user you want to designate as Master.

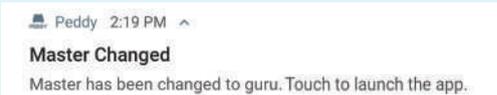


③ Master change notification sent to user phones.

#### Notification Master User receives



#### Notification General User receives



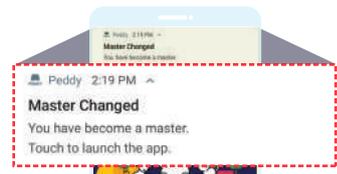
### 2. Change within master user phone



① Touch My User Information in the settings on the upper left corner.



② Touch image of user you want to designate as Master.



③ Authority automatically transferred and master change notification sent.



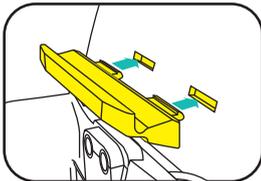
## How to Cancel User Registration



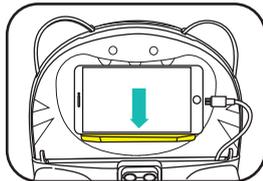
- ① Host phone : Touch screen and touch user information (👤)!
- Master user phone : Touch My User Information (👤) in the settings (⚙️) on the upper left corner.
- General user phone : Touch cancel registration (🗑️) in the settings (⚙️) on the upper left corner.
- ② Select from user list to cancel user registration (🗑️).

## Smart phone and tablet PC equipping process

### 1. How to install smart phone

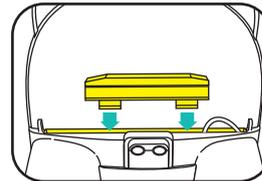


- ① Install skin and host phone cradle to the product.

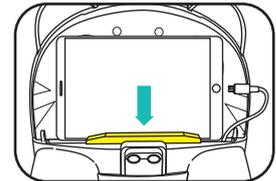


- ② Place smart phone and connect charger cable for host phone.

### 2. How to install tablet PC

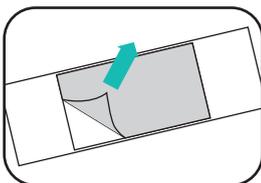


- ① Install the host phone cradle in the opposite direction on the bottom groove of PEDDY.

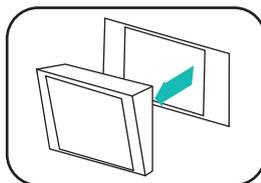


- ② Install skin and place tablet PC, and connect the charger cable for host phone.

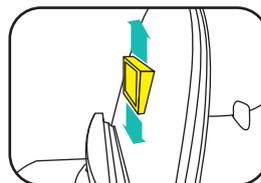
## How to install angle control block



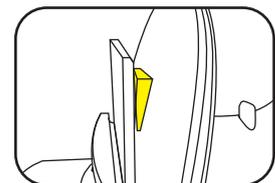
- ① Remove the adhesion paper of the double-sided tape.



- ② Put double-sided tape on the angle control block.



- ③ Adjust the location of angle control block.



- ④ Use the adhesion paper on the opposite side of the double sided tape to fixate the host phone.



## Training for wary and easily frightened pets

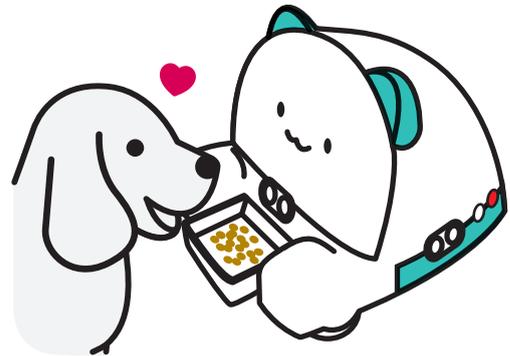
The pets, like people, are different characters. Like Kennels, they may need training to adjust to PEDDY, so why don't we have some patience and have repetitive sessions with our pets?

⌚ They may get used to PEDDY at different rates.



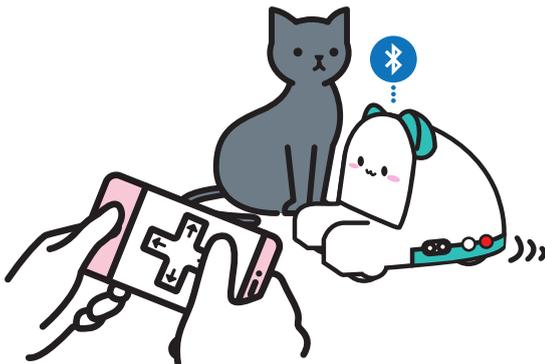
### 1. Utilizing familiar scents

Wipe PEDDY with clothings or socks you wear often.



### 2. Make them feel more familiar by using snacks

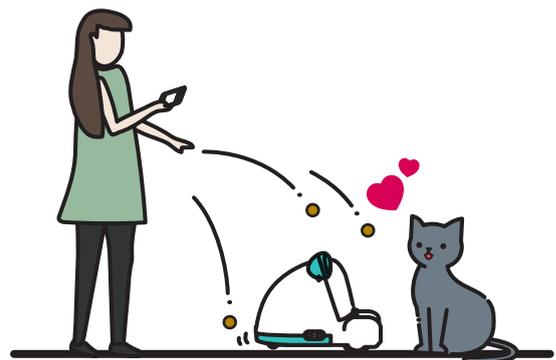
Press the red button on the side of PEDDY and provide tasty snacks while the food bowl is open. Repeat this process to plant good memories of PEDDY.



### 3. Operate it slowly using manual drive.

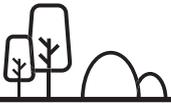
Sudden PEDDY movements may scare or surprise some pets, so at first use the 'play RC' to control it and let the pets get used to it.

( Touch host phone screen and touch play RC 🎮 )



### 4. While operating, throwing snacks around PEDDY

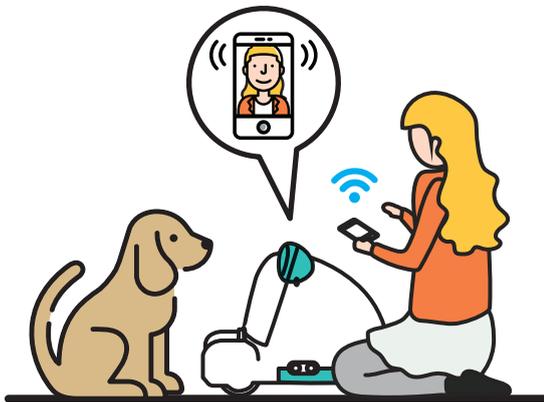
If they are still wary of PEDDY, manually move it around and throw tasty snacks around it. Repeat this process to let them know that PEDDY isn't dangerous.



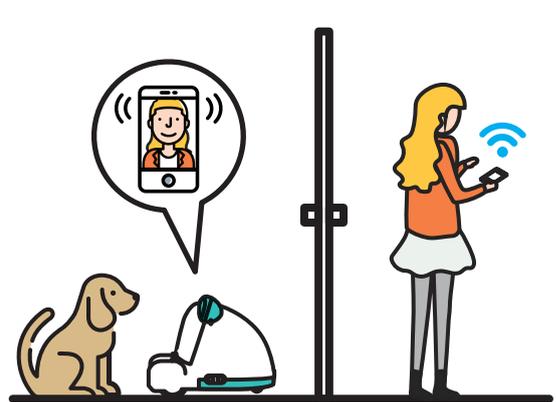
## Cognitive Training using Video Chat

Show that video chats can lead to communication with the pet owner and tasty snacks. They need time to get used to looking at you and listening to your voice.

📞 Press 'PLAY' on the main screen of user phone to video chat.



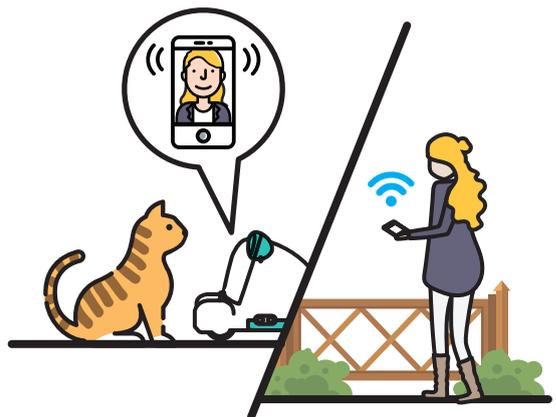
1. Repeatedly video chat to have them recognize the notification sound!



2. Go inside a room and call video chat!



3. Go outside the front porch and call video chat!



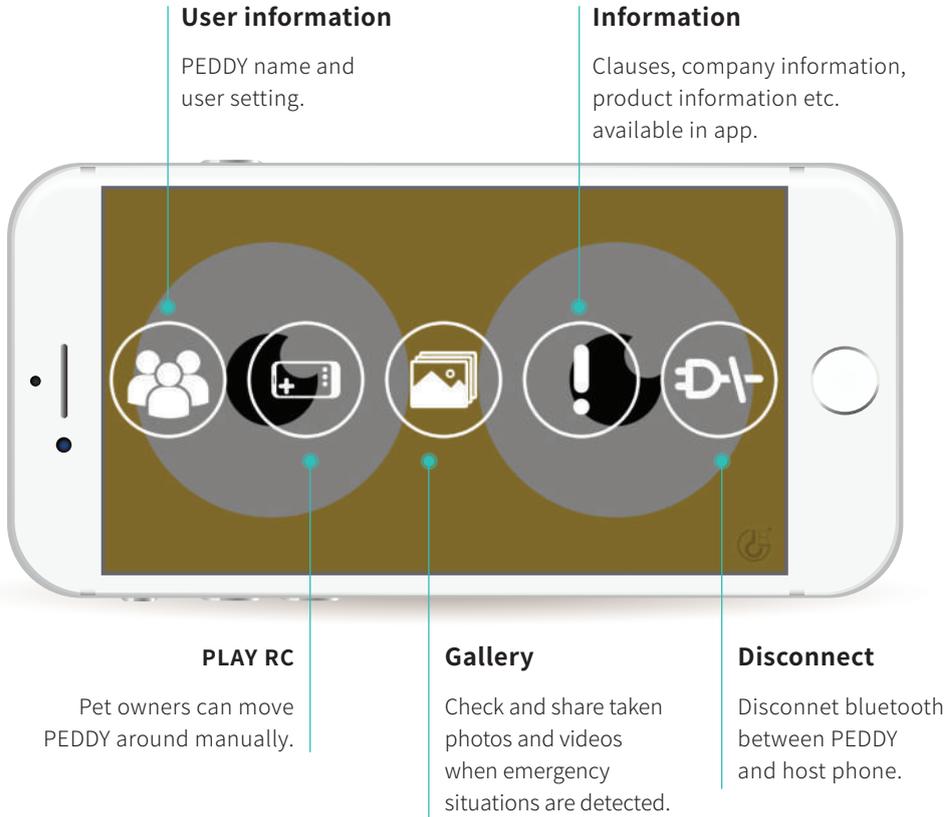
4. When going outside for a bit, call video chat to see if they respond to video chat!

⚠️ Sudden PEDDY movements when the pets are close can surprise them greatly, so at first do not move it and wait.



# App Overview

## Host Screen



⚠ Videos taken can only be accessed in host phones for strict security.

### Difference between PLAY RC and PLAY



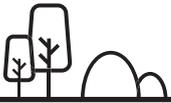
#### PLAY RC

Host phone is disconnected with PEDDY and manually controlled through bluetooth. (microphone and camera aren't available)



#### PLAY

Manual control of PEDDY through user phone by smart phone LTE and WIFI. (microphone and camera are available)



## User Screen



⚠ To avoid confusion in the schedule set in PEDDY, general users can't set or change user information, AUTO PLAY, and SMART CARE.

## Amount of food per stages

Feeding can be set in 4 stages.

- \* Per 1 paper cup (about 80g).
- \* Dry feed of 1cm in diameter or lower recommended.



⚠ Tests were carried out on Mok-wu chon Trust Meal, Holistic Grain Free.

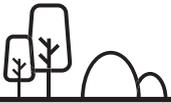
## PLAY

Pet owners and pets can see each other real-time with PEDDY moving around the house and using bidirectional video call.



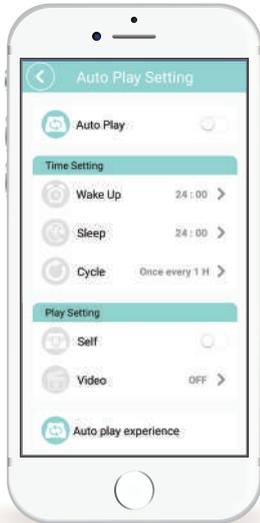
기능명	ON	OFF	상세설명
Dance			Can dance and flicker LED lamp to arouse interest of pets.
Microphone			Can deliver pet owners' voice or listen to the sound of pets or inside the house.
Feeding snacks	 (open)	 (closed)	Open : You can open the food bowl again while it's closing by touching it / When touched, the bowl closes. Close : real-time provision of small amount of food (Food bowl is opened and food provided when the icon is dragged to the center of the screen).
Lamp			LED lamp to soft light the dark room.
Photo shoot			During PLAY, can take pictures of the house or pets. (photos taken save in gallery)

- ⓘ When PLAY is turned on, the green status LED is turned on the bottom of PEDDY.
- ⓘ PLAY only supports 1:1 communication but others can support multi connection.
- ⓘ There may be differences in PLAY image quality depending on smart phone type and network settings.
- ⓘ When controlling PEDDY using PLAY, response may be slow depending on network settings.
- ⓘ During PLAY, howling may occur when the host phone and user phone is in close proximity.



## AUTO PLAY

PEDDY moves around autonomously and plays video to induce pets' movement at a set time.



### Start

When AUTO PLAY starts.



### Stop

When AUTO PLAY stops.



### Repetition

The time of repetition between start~stop.



### Self

When pets move around PEDDY, it automatically recognizes and starts AUTO PLAY.



### Video

Set videos to play when AUTO PLAY is on.

⚠ For iOS, this function is not available yet (will be added later)

### Self function principle

When pets' movement is detected inside a certain range, PEDDY turns to the direction pets are and when facing each other, autonomous pet sitting will be turned on.

🕒 Basic running time for AUTO PLAY is 2 minutes, and 5 minutes if video play is set.

## SMART CARE

Provides the right amount of food at a set time to pets, and detects emergency situations and delivers them to pet owners.



### Feeding

Autonomously provides food at set time and amount.



### Lamp

Lamp light works autonomously depending on lighting near PEDDY.



### Flip notification

Notifies pet owners when PEDDY is flipped over and unable to function.



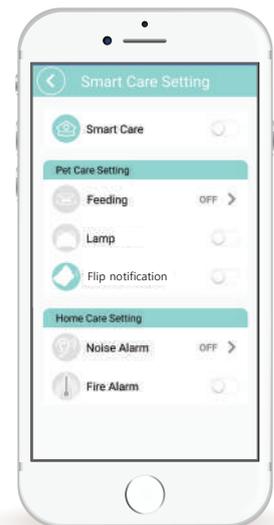
### Noise Alarm

When a certain noise has been detected, photos and video are taken and delivered to pet owners.



### Fire alarm

When a sudden increase in temperature is detected, photos and video are taken and delivered to pet owners.



⚠ Lamp function uses a light sensor in host phone. In host phone without a light sensor, it works around local time.



## Cautions

The following are instructions to prevent damage or danger through safe and accurate use of products, so they must be kept at all times.

The following are categorized by potential danger due to misuse, magnitude of damage, and urgency of emergency.



### Warning

Severe injury or death may occur when violated.



### Caution

Mild injury or product damage may occur when violated.



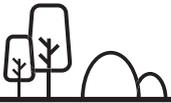
### Reference

Reference needed for product use.



## Warning

- Use the right power, outlet, and battery for the designated voltage and current.
- Do not use damaged power cord or plug.
- Do not repair damaged power cord, but have it exchanged or repaired through service centers.
- Do not touch the plug with wet hands.
- Do not use the product or store it in places near flammable materials (alcohol, gasoline, thinner) or cigarette light, candle light, furnace etc.
- When strange noise, burning smell, or smoke come out of the product, immediately remove the batteries and refer to a service center of place of purchase.
- If bodily fluid of pets or other liquids touch the product, immediately wipe it with dry towel.
- Products can't be disassembled or repaired by anyone except designated service centers or technicians.
- Used batteries must be safely discarded according to local disposal rules.
- Do not place this product in high places with risk of falling.



## Caution

- Before using this product, organize items on the floor (easily breakable items, valuable goods, waste of pet, cords, long strands etc.)
- Do not place product in water or spray viscous fluids like oil.
- Do not stand or sit on product when in use.
- Do not kick the product or apply strong force.
- Do not put straws or pins inside the product.
- To keep the product hygienic, washed equipment must be placed after completely dried.
- Do not steam the components of the product in water above 60°C.
- Do not forcefully take out or put food bowl.
- Periodically check the food bowl as it may not work if it is too full of pet food.



## Reference

- Depending on the individual character of pets, they may be afraid of the product at first, so training to familiarize with the product may be needed.
- This product was manufactured to be used in households. Do not use it outside or other places.
- The food bowl, food bucket, and wheels must be cleaned periodically.
- Check to see that the batteries are enough before leaving house, and charge if not sufficient.
- If force is applied such as a fall or the components are damaged, refer to a service center or place of purchase.
- Some features may not work during charging.
- Block potential places the product may fall to before leaving house.
- When installing pee pads inside the house, place them in doorsils or places about one finger node or two higher above ground.
- Put food in the food bucket quickly vertically to avoid spillage.
- Controlling the product while pets are eating may scare them, so refrain from doing so.
- When the feeding function is on, refrain from using manual switch.



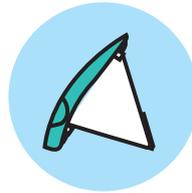
## Maintenance and Storage

### Cleaning and Maintenance



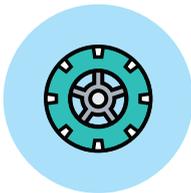
#### Food bowl

Press the manual switch on the right (red) to take out the food bucket, wash it with water and thoroughly dry it before equipping it again. After, press the button again to push in the food bucket.



#### Food bucket

Take out the food bucket on the top corner of the rear end, wash it with water and completely dry it before equipping it again.



#### Wheel

Dusts or foreign material may be stuck in the wheels, so wipe it with a wet wipe and use dry towels to periodically clean it.



#### Main frame

Wipe dusts, fluids, and foreign materials with wet wipe and periodically clean it with dry towel.

⚠ For health of the pets, refrain from using too much chemicals.

### Storage

- Extended exposure to direct rays of light can cause decoloration of the product.
- Beware of due condensation due to extreme temperature differences.
- Beware not to expose product in humid environment for long time.
- When not in use for a long time, empty out the food bowl and bucket before storing.
- When not in use for a long time, turn off the product and remove the batteries before storing.

⚠ As the product is vulnerable to water, for cleaning exterior other than food bowl and bucket, use wet wipes and wipe it with dry towel.

⚠ For clean maintenance, routinely clean food bowl, bucket, and wheels.

⚠ For internal cleaning, refer to service centers and place of purchase.

⚠ Do not steam the main frame or components in boiling water.



## FAQ

### Q How do we charge host phone?

A After docking the host phone, connect with to the charger cable below and it will start to charge.

---

### Q How long does it take to charge?

A Using the auxillary battery (10,000mAh) included in the set, it will take **about 8 hours**. For the equipped host phone, it requires some additional time.

---

### Q How long can the product be used after being fully charge?

A The working time differs depending on network environment, user's activity and other external factors. If autonomous pet sitting is set as once every hour, it can be use for 1-2 days.

---

### Q How can we check charging status?

A1 The charging status and the charging completion status can be checked by the red LED on the bottom. In addition to the batteries provided by us, we recommend that you replace a battery that cannot show battery's status with a battery that can do.

A2 Please charge the product after turning on the power below the PEDDY.

---

### Q Can I leave the house after putting in the charger?

A Yes. Functions other than wheels can be accessed but the product can't be moved using directional keys during PLAY, and detection of abnormal situations is carried out without movement.

---

### Q Can I use the pet food I'm using currently?

A Dry food under 1cm in diameter is recommended, and foods exceeding that may result in leftovers in food bucket or cause malfunction.

---

### Q How much food can be put in the food bucket?

A About 5 cups of 80g paper cup. Put the food in by opening the top lid of the bucket and turning it one way so that it is place at the bottom.

---

### Q Does network speed affect product use?

A In the current 3G network, only voice can be delivered due to data speed issues. To use all functions in video and product control, WIFI and 4Gt LTE or higher are recommended.



## Troubleshooting

### **Q** PEDDY and host phone isn't connected /connectivity is lost repeatedly.

**A1** During first connection, bluetooth may take some time to connect. If not connected within 20 seconds, turn off PEDDY and app and turn on again.

**A2** Turn off and on the host phone's bluetooth.

---

### **Q** I can't access video call/It is repeatedly disconnected after connecting.

**A1** If the network signal is weak, it may not work well, so check the network connectivity.

**A2** If your mVOIP data runs out, video calls using LTE can not be used. The amount of mVOIP data varies depending on the carrier's plan. Please contact the carrier for details.

**A3** If the problem is not solved, contact customer service.

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### **Q** The host phone and user phone are switched.

**A** After touching host phone screen, press disconnect (ⓧ) to disconnect with PEDDY. Then, proceed with user registration cancellation (refer to page 9) and change smart phone to proceed with host phone and user phone registration.

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### **Q** PEDDY doesn't move around well after some use.

**A1** Many use can have dusts stuck in wheels, so clean the wheels.

**A2** If the problem is not solved, contact customer service.

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### **Q** The food bowl won't come out.

**A1** There may be food stuck in the bowl. First, with the power on use the manual switch (red) to take out the food bowl. After that, turn off the power and after taking out the food inside the bowl, turn on the power again and reconnect the app.

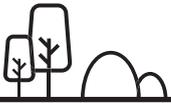
**A2** Turn the PEDDY power on and off or check for bluetooth connection.

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### **Q** PEDDY won't turn on.

**A1** Check for charge status of auxillary battery and remove the cable of auxillary battery and reconnect.

**A2** If the problem is not solved, contact customer service.



**Q I keep receiving notifications when it's not an abnormal situation.**

**A** Check the noise alert or fire alarm settings in the smart care setting.

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**Q I can't check videos taken after detection on user phone.**

**A** For strict security, videos taken are not exposed outside. Therefore, videos taken after detecting abnormal situations are only accessible in host phones, and please use the pet sitting feature if you are curious of what's going on around the house.

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**Q I turned on the PEDDY app, but the screen is turned off after some time.**

**A** Screensaver mode has been turned on for battery protection. Press the power button of the host phone to see the application screen. For smooth use, change the screen lock setting of host phone to 'none'.



## Product Standard

<b>Minimum requirement for smart phone</b>	<ul style="list-style-type: none"> <li>· Android 5.0 version, bluetooth 4.0 (BLE) and higher supported</li> <li>· WiFi support</li> <li>· Screen with touch feature support</li> <li>· Microphone, camera, speaker, GPS, accelerometer, magnetic field, lighting sensor support</li> <li>· Memory and CPU spec free</li> <li>· Models released after approximately 2013 are able</li> </ul>
<b>Size of tablet that can be docked</b>	<ul style="list-style-type: none"> <li>· Under 9 inches</li> </ul>
<b>Minimum network settings for video call</b>	<ul style="list-style-type: none"> <li>· Upload: 512 kbyte/ download: 512 kbyte</li> <li>· LTE network and higher recommended (3G and under: normal function impossible)</li> <li>· In 3G network, only voice delivery, and not video call or product movement, is able</li> </ul>
<b>Motor, sensor, and lamp</b>	<ul style="list-style-type: none"> <li>· Four 4.5v voltage motors (can be applied to 3.5~5V)</li> <li>· 4 ultrasonic sensors</li> <li>· Temperature, humidity sensor</li> <li>· Total of 4 orange LED, 2 for each ear</li> </ul>
<b>Battery</b>	<ul style="list-style-type: none"> <li>· Li Polymer 10,000mAh, Output Max 5V/2.1A</li> </ul>
<b>Time</b>	<ul style="list-style-type: none"> <li>· 8 hours, based on continuous use (based on minimum work with two motors with not load and mainboard power)</li> <li>· 1~2 days of AUTO PLAY (on minimum setting, AUTO PLAY once every hour for 5 minutes)</li> </ul>
<b>Size and weight</b>	<ul style="list-style-type: none"> <li>· 364 x 302 x 260mm / around 5kg</li> </ul>
<b>Food storage quantity and food size</b>	<ul style="list-style-type: none"> <li>· about 5 cups of 80g paper cup can be stored</li> <li>· Dry food under 1cm in diameter</li> </ul>
<b>Operating speed</b>	<ul style="list-style-type: none"> <li>· 10cm/s</li> </ul>
<b>Energy consumption</b>	<ul style="list-style-type: none"> <li>· 1W ± 20%</li> </ul>

## Copyright and Information

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- The contents of this manual are written as of Jun, 2020
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- Product damages occurring due to failure to follow instructions and warnings provided in the manual will not be covered by this company.
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# Product Warranty



Product name	PEDDY	Name and contact number	/
Model name	PEDDY2	Place of purchase	
Term of guarantee	1 year since purchase	Purchase date	

Guru IOT Co., Ltd. guarantees the products according to the consumer dispute resolution standards (notified by the Fair Trade Commission) of each county.



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# PEDDY