



Air Purifier User Manual

Please read this manual carefully before using the product,
and keep it in a safe place.

FCC Caution

Warning: Changes or modifications to this unit 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.

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.

"FCC RF Radiation Exposure Statement Caution: To maintain compliance with the FCC's RF exposure guidelines, place the product at least 20cm from nearby persons."

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

To maintain compliance with the RF exposure guidelines, place the product at least 20cm from nearby persons.

Pour rester en conformité avec les consignes d'exposition aux RF, placez le produit à au moins 20 cm des personnes proches.

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Safety Notice

Before using the product, READ AND SAVE THESE INSTRUCTIONS. Be sure to follow all the safety instructions provided during use, in order to prevent product damage, personal injury, or property loss to the user and others caused by improper operation.

1. this appliance can be used by children aged from 8 years and above under supervision. This appliance can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
2. Children shall not play with the appliance. This product is not a toy. Children should be supervised to ensure they do not use it as a toy or play with it, otherwise it may cause accidents or injuries.
3. Before installing, maintaining (replacing filters, cleaning the product), or repairing the product, you must turn off the power and unplug the power cord! Cleaning and user maintenance shall not be made by children without supervision.
4. When installing the equipment, leave sufficient space at the front to facilitate repair and maintenance.
5. Do not use the power cord if it is damaged or if the plug is loose when inserted, as this may cause electric shock, short circuit, fire, or other accidents.
6. Do not damage, excessively bend, pull, or twist the power cord. Do not place heavy objects on or squeeze the power cord to avoid electric shock, short circuit, or fire.
7. If the power cord is damaged, to prevent hazards, it must be replaced with dedicated parts by the manufacturer, its service department, or after-sales service. Never use third-party power cords privately to avoid safety incidents caused by quality issues.
8. Never unplug with wet hands. When unplugging, always hold the plug itself and never pull hard on the power cord, as this may cause electric shock, short

circuit, fire, or other accidents.

9. To ensure stable and quiet operation of the product, place the device on a clean, flat, hard surface. Never place it on slanted or soft objects to prevent the product from tilting.
10. The product is designed for indoor use only. Avoid locations that may be exposed to outdoor environmental factors such as rain. It is recommended to place the product in a cool, dry indoor area, away from fire sources and direct sunlight to prevent accelerated aging of the housing.
11. Do not place or use the product in high-humidity environments such as bathrooms or near humidifiers, as moisture may cause electric shock or malfunction.
12. Do not use the product near flammable objects, flammable gases, heat sources, open flames, or other high-temperature environments to prevent accidents.
13. Do not use this product when spray-type insecticides are being used indoors.
14. Regularly clean dust from the plug. Dust accumulation can cause moisture buildup and leakage current, leading to fire, electric shock, and other accidents.
15. Do not use thinners, benzene, gasoline, or other solvents to clean the product. Also, do not spray insecticides onto the unit, as this may cause cracks in the surface paint, electric shock, fire, and other accidents.
16. Do not insert fingers or other objects into the air inlet or outlet, as this may cause electric shock and other accidents.
17. For a better product experience, perform regular cleaning and maintenance. Please note that cleaning and maintenance of this product should not be carried out by children or the elderly without supervision. Always unplug the power cord before cleaning and maintenance.
18. Do not disassemble, modify, or repair this product or its accessories without authorization. Unauthorized operation may cause malfunctions and lead to hazardous situations. If the product malfunctions and requires repair, please contact after-sales service.
19. To Reduce The Risk of Fire, Electric Shock or Injury To Persons, Do Not Use

Replacement Parts That Have Not Been Recommended By The Manufacturer (e.g. Parts Made at Home Using A 3D Printer).

20. When the product will not be used for an extended period, unplug the power cord. After cleaning and maintenance, you may use a dust cover to protect the product. Store the filter in a sealed bag for better use next time.

Packing List

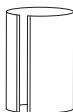
After opening the product package, please check if the product is intact and verify that all accessories are complete by referring to the diagram below.



Air Purifier Main Unit×1



HEPA Filter×1



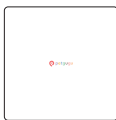
Preliminary Filter×1



Adapter×1



User Manual×1



Quick Start Guidex1

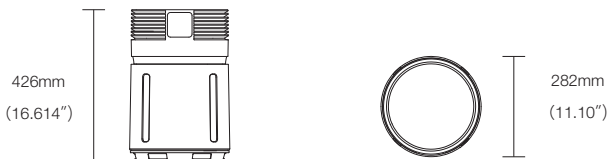
Instructions for the Adapter:

US: only to be used with the unit provided (adapter model: GA240020)

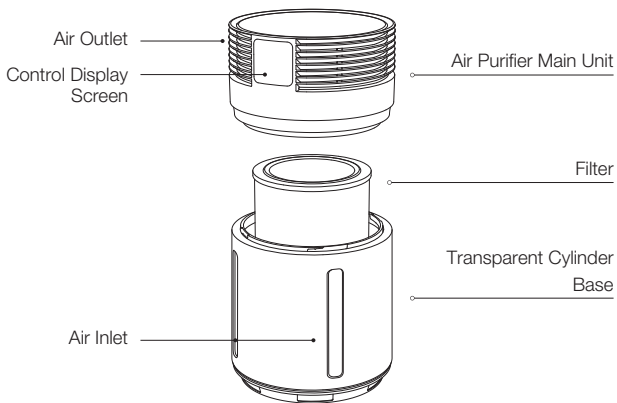
EU: only to be used with the unit provided (adapter model: GA240020E)

Product Introduction

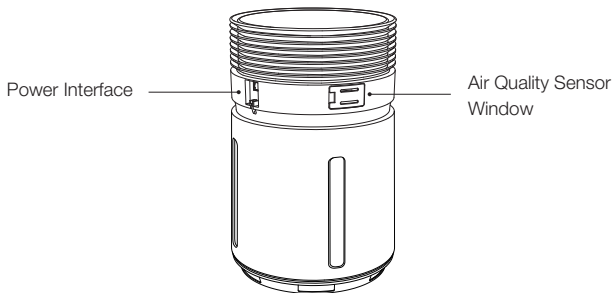
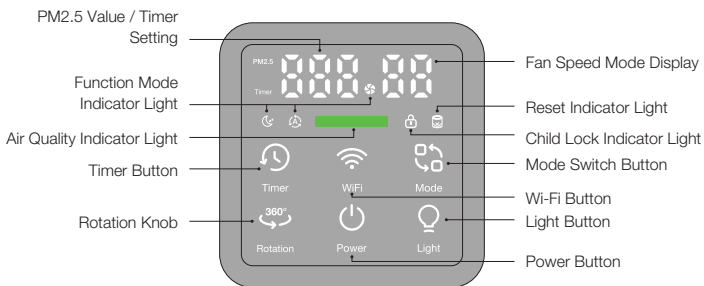
Product Dimensions



Parts Description



Control Display Screen

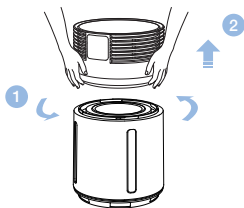


Note: The content and images included in this manual and the packaging are for illustrative purposes only. As the product is continuously upgraded and optimized, if there are slight differences between the actual product (including but not limited to appearance, color, dimensions, supported functions) and the content described, the actual product shall prevail.

Installation Guide

Caution

- Remove the surface packaging of the filter inside the product before first use.
- Disconnect the power supply for personal safety when performing the following operations.



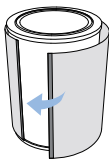
1. Opening the Filter Compartment

Hold the Transparent Cylinder Base, rotate the main unit counterclockwise, and lift it upward to open the filter compartment.



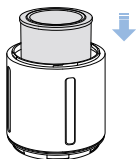
2. Removing the HEPA Filter

Take the HEPA Filter out of the filter compartment and remove its surface packaging.



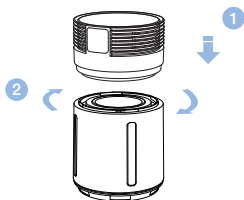
3. Installing the Preliminary Filter

Install the Preliminary Filter onto the surface of the HEPA filter core.



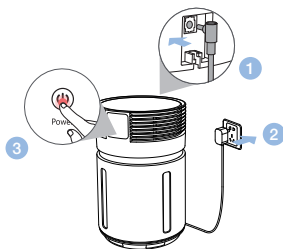
4. Installing the Filter

Align the fabric strip at the bottom of the HEPA Filter with the horizontal alignment slot on the Transparent Cylinder Base and insert it.



5. Closing the Filter Compartment

Hold the Transparent Cylinder Base, align the main unit with the alignment points on the base, insert it, and then rotate the main unit clockwise to secure and close the filter compartment.



6. Powering On

After inserting the adapter into the device's Power Interface and connecting it to a power source, lightly press the [Power Button ] to start and operate the device.

Daily Operation



Control Interface UI Description

UI Icons	Status Definitions
	Displays the device timer and PM2.5 value. When displaying the PM2.5 value, the (PM2.5) indicator light lights up; when displaying the timer, the (Timer) indicator light lights up.
	When the device is in Auto Mode or Manual Mode, the corresponding fan speed level (Fan Speed F1 , F2, F3, F4, F5, F6) is displayed based on the current fan speed.
	Sleep, Auto, and Manual mode indicator lights; when the device is in the corresponding mode, the corresponding indicator light lights up.
	Displays different colors based on the detected indoor air quality PM2.5 data.
	Device Child Lock Indicator Light; the light turns on when the Child Lock is activated, and turns off when it is deactivated.

UI Icons	Status Definitions
	A slow red flashing of the indicator light indicates that the filter has reached its maximum service life and needs replacement; after replacing with a new filter and resetting, the indicator light turns off.
 Timer  WiFi  Mode  Rotation  Power  Light	For function buttons, the icon stays lit when the device is powered on. When a corresponding function is activated, the corresponding text on the icon lights up; if not activated, the text turns off.

Function Buttons Description

Power On/Off

After connecting to the power supply, the device emits a "beep" sound, all indicator lights light up for 0.5 seconds and then turn off, after which the device enters standby mode, and the power button indicator light flashes white slowly.

Press the [Power Button ] lightly to start the product. The device emits a "beep" sound, (Power) lights up, it operates in automatic mode by default, the automatic mode indicator light () lights up, and the fan speed adjusts according to air quality; press lightly again to stop the device, (Power) turns off, and it returns to standby mode.

Rotation Mode

Lightly press the [Rotation Knob ] to turn on/off the rotation function of the Transparent Cylinder Base. When turned on, (Rotation) lights up.

Base Light Control

Lightly press the [Light Button ] to turn the device base light on or off. It is enabled by default when the device is powered on. When turned on, the (Light) indicator light lights up.

Wi-Fi Network Setup

Press and hold the [Wi-Fi Button ] for 3 seconds. The device beeps three times, (Wi-Fi) flashes white slowly, and the device enters network setup mode. Upon successful network setup, the device emits a single beep, and (Wi-Fi) stays solid white.

* When the device is connected to the network, press and hold the [Wi-Fi Button ] for 3 seconds again to disconnect the Wi-Fi connection. At this time, the (Wi-Fi) indicator light will flash white slowly.

Timer Setting

Lightly press the [Timer Button ]; the (Timer) stays solid white, and the device enters timer setting mode. Press the button lightly again to cycle through and select 1H, 2H...12H, 0H to set the machine shutdown time. After setting the shutdown time, wait for the (Timer) to turn off; the device exits timer mode, and the timer setting is complete.

* After setting the timer, the "888" on the screen alternates between displaying the PM2.5 value and the timer time at 3-second intervals. To modify the timer, you need to re-operate the button to enter the timer setting mode. Please note: ① Adjusting the timer setting to 0H means canceling the timer; ② Turning the device off and then on will cancel the currently set timer.

Mode Switching

Lightly press the [Mode Switch Button ] to cycle through Sleep Mode - Auto Mode - Manual Mode (Fan Speed F1, F2, F3, F4, F5, F6), thereby adjusting the device's fan speed. When switched to a different mode, the corresponding mode indicator light stays solid white.

Sleep Mode  :The device operates at low speed. Except for the  and  lights staying solid white, all other lights are turned off. In Sleep Mode, except for the [Mode Switch Button ], all other buttons are inactive; you must exit Sleep Mode to perform other button operations.

Automatic Mode  :The device automatically adjusts the fan speed based on air quality, while the Fan Speed Mode Display area shows the corresponding current speed level. In this mode, the  light remains constantly lit.

Manual Mode  :The device operates at different fixed fan speeds. In this mode, the  light remains constantly lit, and the Fan Speed Mode Display area shows Fan Speed F1, F2, F3, F4, F5, F6 based on the selected speed level.

Child Lock

Press and hold both the [Mode Switch Button ] and the [Light Button ] for 3 seconds simultaneously to turn the Child Lock function on or off. When turned on, the  light stays solid white.

Air Quality Indicator Light

A strip light that displays different colors based on the indoor air quality PM2.5 data.

Solid Green: $0 \leq \text{PM}_{2.5} < 70$, indicating excellent air quality.

Solid Blue: $70 \leq \text{PM}_{2.5} < 150$, indicating fair air quality. Sensitive individuals may experience mild discomfort.

Solid Red: $150 \leq \text{PM}_{2.5} < 500$, indicating poor air quality. Prolonged exposure may cause respiratory discomfort such as coughing and chest tightness.

Filter Replacement Reset

When the Reset Indicator Light  flashes red slowly, it indicates that the filter has reached its maximum service life and needs to be replaced with a new one. After replacing the new filter, press and hold the [Power Button ] for 3 seconds to reset the filter replacement reminder, and the indicator light will turn off.

Binding and Network Setup

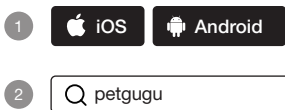
1. Download the petgugu APP

This product is compatible with the petgugu APP. Users can download and install the APP using the following methods.

Method 1: Scan the QR code below and follow the prompts to download and install the APP.



Method 2: Open your mobile phone's app store, search for "petgugu", then download and install the APP.



2. Register and Log in to the petgugu APP

Open the APP and please register for and log in to a petgugu account.

If you have already downloaded the petgugu APP and are logged into your account, please proceed directly to the product binding and connection process.

3. Binding and Connecting to the APP

① After connecting the device to the power supply and turning it on, press and hold the [Wi-Fi Button ] for 3 seconds to enter network setup mode. The device

beeps three times, (WiFi) flashes white slowly, indicating the device has entered network setup mode.

② Open the petgugu APP, navigate to the "Devices" page, then click "More Devices" or the "+" in the top right corner to enter the "Add Device" page.

③ On the "Add Device" page, click on the discoverable device available for addition, then follow the on-screen instructions within the APP to bind the device.



"Devices" page

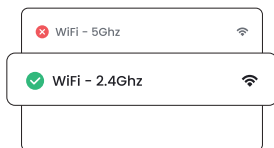


"Add Device" page

Friendly Reminder

Before binding and setting up the network for the device, please confirm:

- ① Your phone's Bluetooth is turned on;
- ② The Wi-Fi network is a 2.4GHz band network.



Device Maintenance

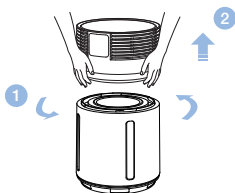
Caution

For your safety, be sure to turn off the device and disconnect it from the power supply before performing any maintenance.

I. Filter Cleaning

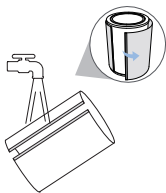
During operation, the device attracts impurities from the air (such as pet dander) which accumulate on the filter's surface, reducing the purification efficiency.

Therefore, it is recommended to clean the filter once a week.



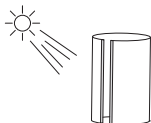
1. Removing the Filter

After powering off and disconnecting the device from the power supply, hold the Transparent Cylinder Base, rotate the main unit counterclockwise and lift it upward to open the filter compartment, then remove the filter.



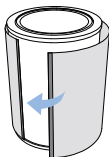
2. Cleaning the Filter

After cleaning surface dust and debris from the filter, the Preliminary Filter can be removed and rinsed with water for cleaning. (The HEPA Filter is not washable.)



3. Drying the Preliminary Filter

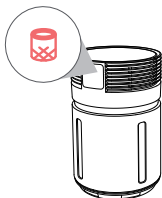
After washing and cleaning the Preliminary Filter, please place it in a well-ventilated, dry area to air dry completely.



4. Reinstallation

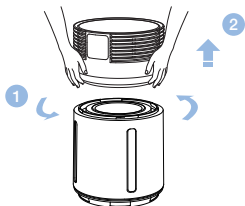
After the Preliminary Filter is completely dry, reinstall it onto the HEPA Filter to complete the filter cleaning process.

II. Filter Replacement



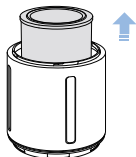
1. Filter Replacement Reminder

If the Reset Indicator Light  keeps flashing red, it indicates that the product filter needs to be replaced with a new one.



2. Opening the Filter Compartment

After powering off and disconnecting the device from the power supply, hold the Transparent Cylinder Base, rotate the main unit counterclockwise, and lift it upward to open the filter compartment.



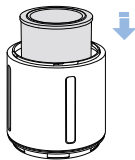
3. Removing the Old Filter

Take the old filter out of the filter compartment and discard it.



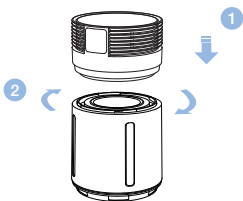
4. Removing the New Filter Packaging

Take the new filter, remove its surface packaging, and install the Preliminary Filter.



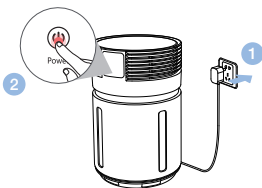
5. Installing the New Filter

Align the fabric strip at the bottom of the filter with the horizontal alignment slot on the Transparent Cylinder Base and insert it.



6. Closing the Filter Compartment

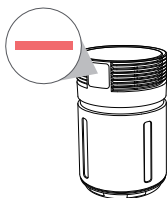
Hold the Transparent Cylinder Base, align the main unit with the alignment points on the base, insert it, and then rotate the main unit clockwise to secure and close the filter compartment.



7. Filter Replacement Reset

After connecting the device to the power supply and turning it on, press and hold the [Power Button ] for 3 seconds to reset the filter replacement reminder. The Reset Indicator Light  will stop flashing.

III. Air Quality Sensor Cleaning



1. The Air Quality Indicator Light remains solid red.

If the Air Quality Indicator Light remains solid red even after moving the device to a clean indoor area, it may be due to a dirty sensor.

* The filter has not reached its replacement period, or there is no obvious dirt on the surface of the Preliminary Filter.



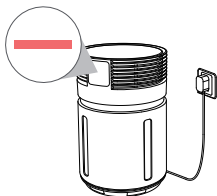
2. Opening the Air Quality Sensor Window

After powering off and disconnecting the device from the power supply, open the Air Quality Sensor Window.



3. Cleaning the Sensor

Use a clean cotton swab or dry tissue paper to gently wipe and clean the air quality sensor area.



4. Starting Operation

After connecting to the power supply and turning it on, let the device run in a clean indoor area to check if the Air Quality Indicator Light still remains solid red. If the issue persists, please contact after-sales service for a solution.

Basic Parameters

Product Name	Air Purifier
Product Model	PA1
Rated Voltage	24V $\equiv$
Rated Frequency	50 / 60Hz
Rated Power	48W
Input Parameters	24V $\equiv$ 2A
Product Dimensions	282×282×426mm
Product Net Weight	4.2kg
Noise	30dB
Particulate Matter Clean Air Delivery Rate** (CADR _{Particulate Matter})	320m ³ /h
Formaldehyde Clean Air Delivery Rate** (CADR _{Formaldehyde})	200m ³ /h

Troubleshooting Guide

S/N	Fault/Issue	Possible Cause	Solution
1	The device fails to start.	The power plug is not plugged in properly or is loose.	Unplug the power plug and then reconnect it.
		The Filter is not installed properly.	Reinstall the Filter.
2	The device fails to produce airflow.	The surface packaging of the filter has not been removed.	After confirming the filter's surface packaging has been removed, restart the machine.
3	The device operates with excessive noise.	The surface packaging of the filter has not been completely removed.	
		The device is placed on an uneven surface, or the filter is not installed properly.	Place the device on a level surface and reconfirm whether the filter is installed properly.
4	The device operates normally, but the airflow is significantly reduced.	There is an object blocking the Air Outlet, or the Filter was not replaced in a timely manner.	Please reposition the device to ensure the Air Outlet is not obstructed; verify whether a new Filter was not replaced as prompted by the device in a timely manner.
5	The Air Quality Indicator Light remains solid red.	1. There may be undetected dust or other allergens present indoors. 2. The Air Quality Sensor is dirty.	Move the device to a clean indoor area. If the light remains solid red, it may indicate an abnormal Air Quality Sensor. Please clean the sensor window or contact after-sales service for consultation and resolution.
6	The Air Quality Indicator Light shows red/blue/green, but the airflow does not change accordingly.	The device is not in Auto Mode.	Set the device's speed level to Auto Mode.
7	The device fails to connect to the network.	Network failure or the cloud service platform is under maintenance.	Re-check the local network connection to confirm it is working properly, or wait until the cloud service platform maintenance is completed.

S/N	Fault/Issue	Possible Cause	Solution
8	The Air Quality Indicator Light keeps flashing red.	The Filter has reached the end of its service life.	After replacing the new Filter, press and hold the [Power Button ] for 3 seconds to reset the filter replacement reminder.
9	The device automatically shuts down and cannot be started. The display shows fault code EE.	The device is in a tipped-over state.	Place the device upright on a hard, level surface and restart it.
10	The device fails to start and operate, and the display shows fault code E2.	The Filter is not installed.	After installing the Filter, restart the device.
11	The display shows fault code E3, and the device buttons are unresponsive.	Abnormal communication between the device's power board and control board.	Please contact after-sales service for a solution.

* If the device issue cannot be resolved by following the steps in the table, please contact after-sales service personnel for a solution.

Warranty

This warranty covers the repair or replacement of the malfunction device at our company's discretion for a period of 1-year. In addition this certificate is void if altered. The serial number must be provided as well as all accessories to be eligible for warranty coverage. Please kindly fill in below form accurately and completely.

Order Number: _____

Serial Number: _____

Date of Purchase: _____

Important:

- The warranty period starts from the date of purchase
- When returning this device, carefully pack the product to avoid damage in shipping. Damage in shipping is not covered by the Warranty and shall be the sole responsibility of Buyer. Damage or loss not covered by this Warranty or occurring outside the warranty period will require a fee to cover the cost of handling and shipping. All such fees and costs shall be the sole responsibility of Buyer.

Exclusion

Unless agreed in writing, the warranty will not apply if the defects relate to:

- Consumable parts such as filters, or brushes etc, that are subject to normal wear and tear, and require regular maintenance and/or replacement to ensure the proper functioning of your unit.
- Defects caused by rough or inappropriate handling or use or damage caused by accident, misuse, neglect, fire, water, lighting or other acts of nature, external sources such as weather, electrical outages or power surges.
- Improper operation or maintenance, use not in accordance with the product instructions or connection to improper voltage supply.
- Accident, abuse, misapplication, or any unauthorized repair, modification, or disassembly of the product.

- Any failure to adequately package the product for transportation.
- Use of parts not in accordance with the product instructions.
- Use of parts and accessories other than those produced or recommended by our company.
- Use in a commercial environment as the product is designed for residential use only.
- Consequential and incidental damages.
- Any product(s) purchased from unauthorized dealers/resellers.
- Products used outside the country of purchase.
- Lost and/or stolen products.

Service And Support



Email: service@petgugu.com



Website: www.petgugu.com



Scannen Sie den QR-Code, um das Online-Handbuch auf Deutsch zu erhalten.

Scannez le QR code pour obtenir le manuel en ligne en français.

Scansiona il codice QR per ottenere il manuale online in italiano.

Escanee el código QR para obtener el manual en línea en español.

コードをスキャンして、日本語のオンライン マニュアルを取得します。