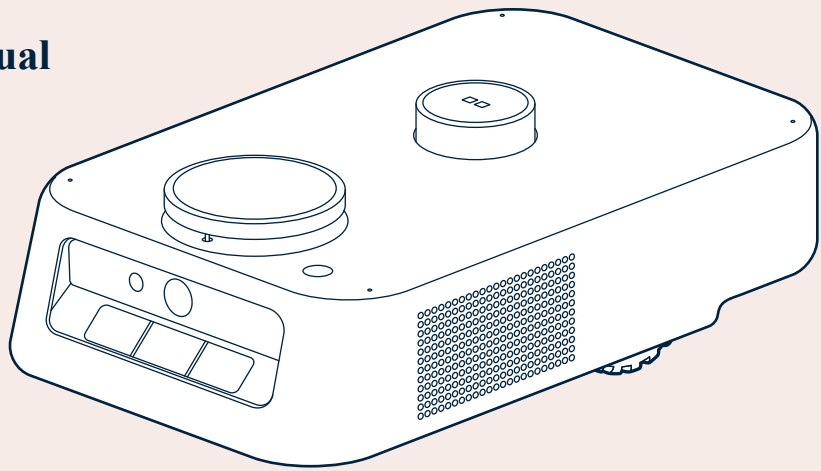


kachaka Pro

Instruction manual

Kachaka Pro

Product number: B2T01



Thank you very much for your purchase.

- Please read this manual carefully for correct and safe use.
※Please be sure to read "To Use Safely" in particular.
- Please keep the warranty card together with the instruction manual.

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.

Federal Communications Commission (FCC) Statement
15.105(b)
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.

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

- FCC RF Radiation Exposure Statement:
1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
 2. This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated, keeping the radiator at least 20cm or more away from the person's body.

Website:
Web manual, frequently asked questions,
contact Kachaka Support Center.

URL : <https://goto.kachaka.life/support>



Specifications

Main unit

External Dimensions	Width 240 mm × Depth 387 mm × Height 115 mm (When docking unit is stored)
Weight	12.2 kg
Battery	Rechargeable lithium-ion battery
Rated Voltage	DC 25.2 V
Maximum Speed	800 mm/s
Communication	Wi-Fi
Camera	RGB camera × 2
Sensor	Laser sensor (LiDAR) × 1, 3D sensor (ToF) × 1, Step sensor × 2, Furniture recognition sensor × 1
Sound	Microphone × 4, Speaker × 1

Charging dock

External Dimensions	215 mm × 105 mm × 96 mm
Weight	350 g
Input	AC 100 V、 50/60 Hz
Output	DC 32 V、 2.8 A

- The laser sensor in this product meets Class I laser product standards and does not emit harmful laser beams.

For Safe Use

Please use it in an environment where someone who understands the dangers is present, along with safe usage methods.

Please use the accessories and recommended products of this product and follow the instructions in this document. The following is a list of items that must be read and followed in order to prevent harm or damage to people and property.

■The following symbols indicate the degree of harm or damage caused by incorrect.

	Danger	This is a category with a high risk of death or serious injury.
	Warning	This is a category with a risk of death or serious injury.
	Caution	Injuries or property damage are in a certain category.

■The following symbols indicate categories that must be observed.

	Prohibited content		Content to be implemented
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Main unit

Danger

To prevent injury, burns, and accidents due to heat generation, fire, electric shock, and rupture.

- Do not disassemble, repair, or modify.
- Do not apply shock.
- Do not throw into fire or heat.
- Do not charge, use, or leave the device near fire, heating appliances, or in high-temperature locations such as under direct sunlight.
- Do not charge with chargers, AC adapters, or power cords other than the dedicated charging dock, AC adapter, or power cord.
- Do not submerge in water or splash with water.
- Do not short-circuit the charging terminal with metal objects.

Warning

To prevent injury, burns, and accidents due to the main unit falling, contact, or tipping over

- When using in a place where infants or pets are present, be sure that a guardian reads this instruction manual carefully and operates it only within sight.
- Do not use or operate outdoors, in unstable places, or where there are steps of 5 mm or more.
- Use only the dedicated Kachaka shelf.
- Do not operate with sharp objects on the Kachaka shelf.
- Do not sit or stand on the main unit.

- Close doors, etc. to prevent it from leaving the usage area. (Avoid entering places with a risk of falling, such as near stairs or on the balcony)
- When carrying the main unit, stop operation and hold the short side firmly with both hands.
- Stop using or move anything that may cause an accident due to contact.(Heating appliances, candles, vases, fans, humidifiers, power cord, etc.)

To prevent fire, electric shock, or injury due to malfunction or deterioration

- Do not use in wet rooms.
- Do not use if there is an abnormality such as damage, smoke, strange odor, or getting wet with water.
- Do not touch with wet hands.
- Do not use in places with high temperatures of 35°C or higher.

To avoid the influence of radio waves from the main unit

- If you have a heart pacemaker, do not get too close to the main unit.
- Use in a place without medical electrical equipment.

Caution

To prevent injury and accidents

- Do not touch the main unit, accidentally step on it, or trip over it while the main unit is in operation.

Charging dock /AC adapter

Warning

To prevent fire, electric shock, injury, and accidents due to failure or deterioration

- Do not charge with chargers, AC adapters, or power cords other than the dedicated charging dock, AC adapter, or power cord. Also, do not use the charging dock, AC adapter, and charging cord with anything other than this device.
- Do not charge, use, or leave near fire or heating appliances, floor heating, or in high-temperature locations such as under the blazing sun.
- Do not touch with wet hands.
- Do not damage or modify the AC adapter or power cord.
- Do not place heavy objects on the charging dock, sit on it, or stand on it.
- Do not use octopus wiring.

- Be sure to insert the power plug securely into the outlet.

Requests for use

Please read the following carefully to ensure safe use.

- Places to avoid using
 - Unstable places, stairs, landings, lofts, small rises at the entrance, places with steps of 5 mm or more
 - Sloping floors, slopes of 2 degrees or more
 - Delicate building materials, soft flooring materials
 - Rooms with long-pile carpets
 - Rooms with easily scratched furniture, ornaments, or folding screens
 - Sticky places
 - Places where objects may fall or be damaged due to vibration (such as candles, incense, or ceramics)
- Rooms where pet excrement has been left unattended
- Places where equipment with operating parts near the floor is placed

During operation

- The main unit can tow up to 30 Kg (including the weight of the Kachaka shelf). Do not place items heavier than the following depending on the type of Kachaka shelf.
 - 2-tier Kachaka shelf: Up to 24.3 Kg
 - 3-tier Kachaka shelf: Up to 22.1 Kg
- Depending on the weight, it may not be possible to drive on carpets or rugs. (Carpets and rugs may be damaged.)
- Avoid pushing the main unit with excessive force.

Maintenance

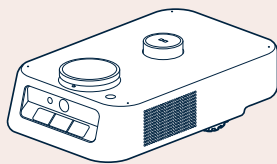
- If the charging contacts are dirty, the built-in battery may not charge correctly.
- If the sensor part of the main unit is dirty, it may not be able to perform to its full potential.
- Please clean the fan vents regularly.
- Please charge it once every six months. Leaving it for a long period of time may result in over-discharge and it may become impossible to charge.
- For dirt, wipe with a dry cloth or a tightly wrung cloth.

Names and Functions of Each Part Prepare

Contents

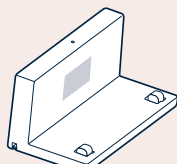
Please make sure everything is included.

● Main unit



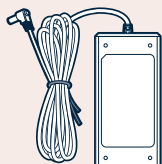
Part number: B2A01

● Charging dock

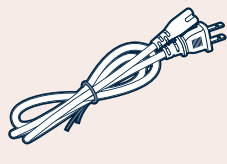


Part number: C1A01

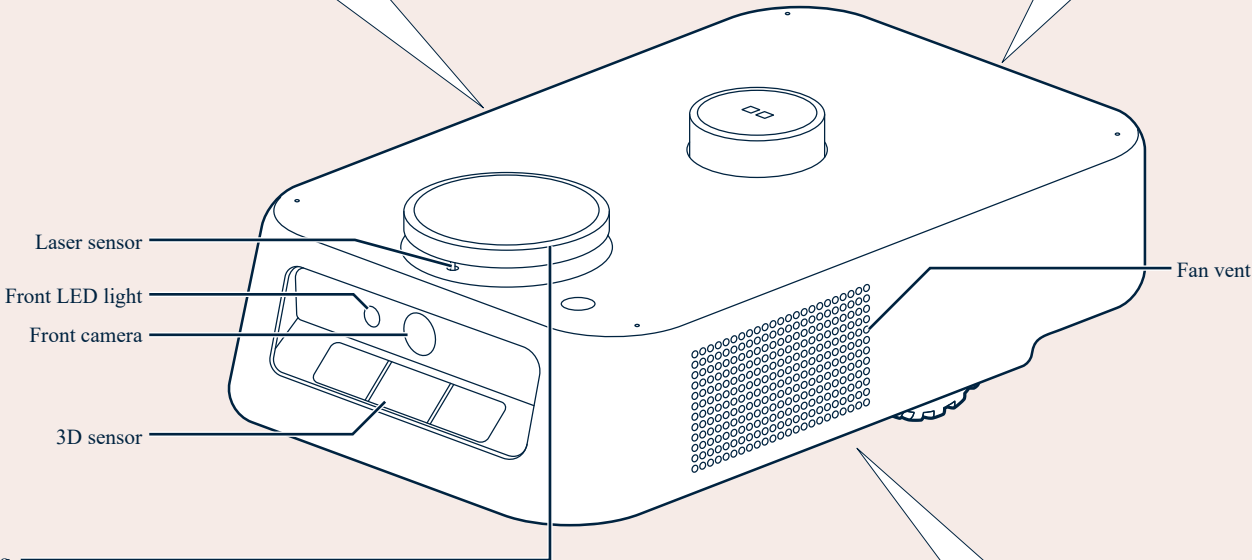
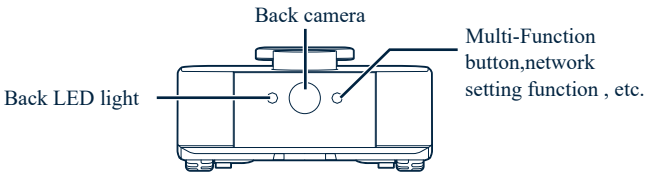
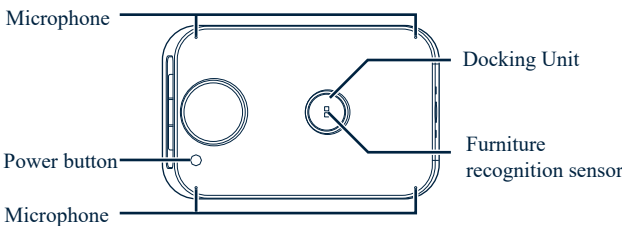
● AC adapter



● Power cord

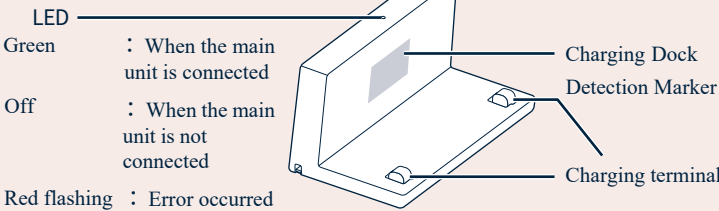


Main unit



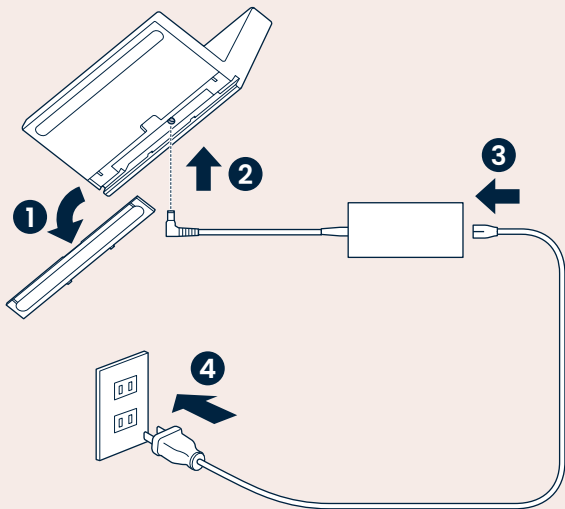
LED -Ring	
Indicates the status of the device by light.	
White flashing (slow rotation)	Starting up. Please wait until startup is complete.
White flashing (rotating quickly)	Shutting down.
White flashing (slowly)	Charging.
White light	In operation.
Yellow Lights	Temporarily paused. Press the power button to release.
Yellow flashing	The main unit cannot be started due to insufficient battery level. Set the main unit on the charging dock and charge it for about 30 minutes before restarting it.
Red light	An error has occurred. Please restart (press and hold the power button to turn off the power, and then press and hold it again to turn on the power). If the problem persists after restarting, please contact the Kachaka Support Center.
Red flashing	There is a possibility that a problem has occurred with the battery, etc. Turn off the power and contact the Kachaka Support Center.

Charging dock

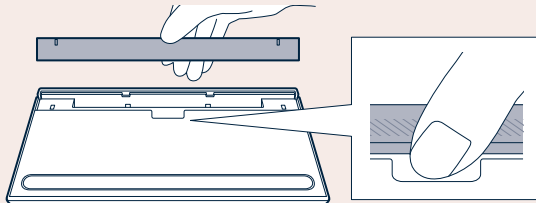


Prepare

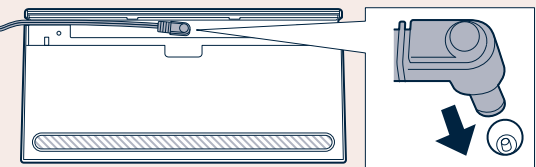
1. Set up the charging dock



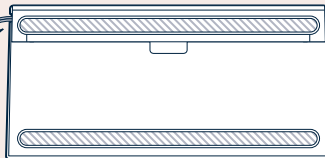
1 Remove the cover on the bottom of the charging dock



2 Firmly insert the AC adapter plug



Pass the cable through one of the grooves on the left or right so that it does not get caught in the cover.

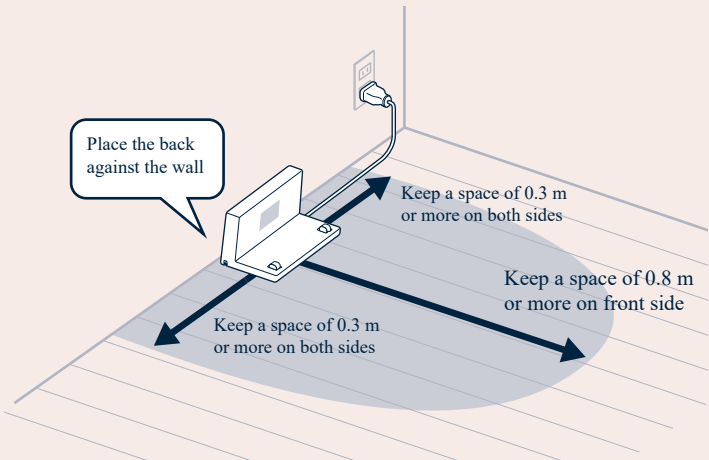


3 Connect the power cord to the AC adapter

4 Plug the power plug into the outlet

2. Connect the charging dock

Please install it near the place where you use the main unit, in the following locations.

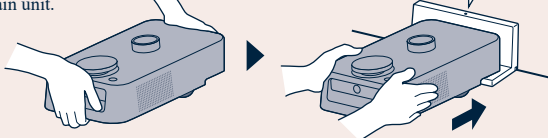


Please clean around the charging dock so that docking can be done smoothly.

3. Place the main unit on the charging dock

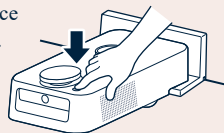
1 Place the main unit slightly in front of the charging dock and press the front part with your hand.

● Hold the short side of the main unit with both hands and place it carefully so as not to pinch your hands between the charging dock and the main unit.



2 Press and hold the power button to turn on the device until the LED ring on the main unit lights up white.

● The charging will start when a startup sound is heard from the main unit and the LED ring flashes white.



4. Prepare the dedicated app for operating the main unit

Scan the following with your smart phone to install the "Kachaka App", and follow the instructions on the app screen to set it up.

● If it is difficult to read, please search for "Kachaka App" in the app store.

Android™



iPhone

