UBPet

Smart Refrigerated Feeder **F10**
User Manual

Thank you for using our **Smart Refrigerated Feeder**. The **Smart Refrigerated Feeder** aims to achieve scientific, healthy, convenient, and easy feeding. It features fresh food feeding, fresh-keeping, and timing feeding with fixed amount.
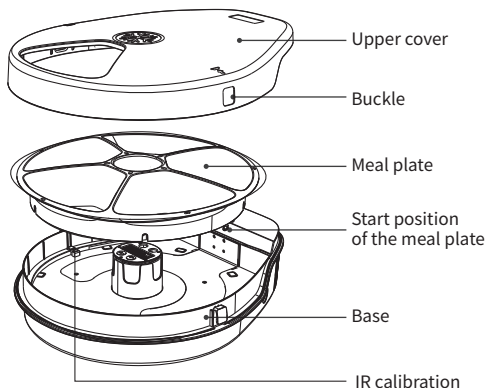- We recommend that you read the manual before use it, including the proper use, safety information and maintenance manual of the device.
- When software and hardware updates, the updated content and images of this manual will not be notified separately.
- This manual is for reference only. If you have any questions, contact our customer service.
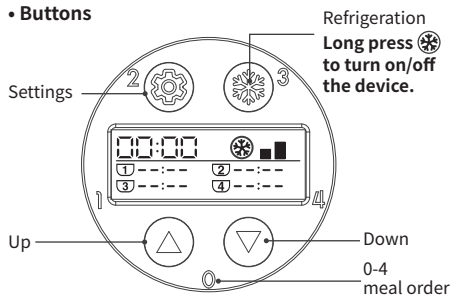
Part 1: Precautions

1) Please ensure that the device is placed on a flat ground, **DO NOT** place it on the edge, high places, corners and cat-hair areas. **Please place the device at least 4in(10cm) away from the wall.**
2) **DO NOT** press the feeder lid or place heavy objects on it to avoid the problem of the plate not rotating.
3) During the operation, some condensed water may overflow onto the floor. Please regularly dry towel for water or frost during refrigeration. **DO NOT wash the base of the device! Please clean the hair around the fan in time!**
4) This device is only for indoor use between 0°C to 35°C. **DO NOT** use it outdoors, especially in humid, wet, sunlight exposure or liquid environments. In low-temperature environments such as winter, disable the refrigeration mode. In high-temperature environments such as summer, enable the 3-gear refrigeration mode.
5) To avoid accidents while your cat is eating, please **DO NOT** hang long strip collars or tags around your cat's neck.
6) Please ensure that the power socket is powered on and remove obstacles around the current environment. Use the charger provided by us to charge the device. If you use other chargers to charge the device, the device may be damaged. If you **DO NOT** use the device for a long time, disconnect the power supply.
7) When there is a power failure, the data system automatically saves its meal time and refrigeration intensity data for 30 minutes. After the device is powered on, it works properly again. You **DO NOT** need to set the Natural time, Meal time, and Refrigeration mode again within 30 minutes.
8) **DO NOT** violently pull the meal plate to avoid gear misalignment/damage. When the meal plate is not in the right position due to inappropriate operations, you can restore it to its normal position by pressing and holding [⚙] and [▲] at the same time.
9) During the rotation of the meal plate, food residues may block it. In this case, the device automatically stops rotating. You need to manually clean up the food residues overflowed from the meal plate. After cleaning, you can press both [⚙] and [▲] buttons to make the meal plate return to its position, and the automatic display on the display screen ⧫⧫ disappears after the meal plate returns to its position.

Part 2: Product introduction

• **Unit**

Upper cover

Buckle

Meal plate

Start position of the meal plate

Base

IR calibration

• **Buttons**

Settings

Refrigeration
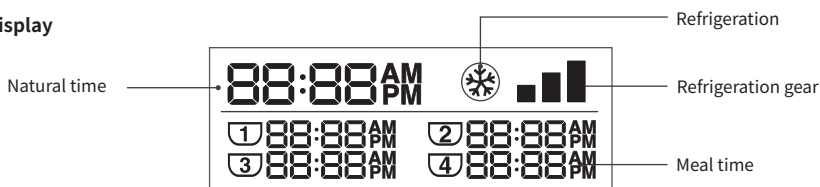**Long press ❄ to turn on/off the device.**

Up

Down

0-4 meal order

Note:
The numbers 0-4 indicate the meal order. You can put food ingredients for each meal in the corresponding meal grid as needed.

• **LCD display**
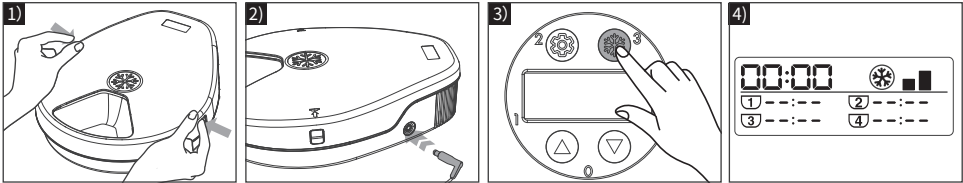

Natural time

Refrigeration

Refrigeration gear

Meal time

Part 3: Using the Device

3.1 Before the use

1) Place the device on a flat ground, press the buckles of the upper cover on both sides of the device with your hands, and then open the upper cover.
2) Take out the adapter from the packaging box and connect it to the power supply.
3) **LONG PRESS [❄] TO TURN ON OR TURN OFF THE DEVICE.** The LCD is displayed as shown in the figure and the device starts working in 2-gear refrigeration mode for the first time.

3.2 Setting natural time

1) Long press [⚙] until hours flash, set hours by pressing [▲] or [▼] ;
2) Press [⚙] again until minutes flash, set minutes by pressing [▲] or [▼], and press [⚙] to confirm the settings. Then the system automatically enters meal time setting mode.

Note:
- *The default system is in 24-hour format. If you need to adjust it to 12 hour format, you can press and hold [⚙] and [▼] buttons at the same time until the system format is changed.*
- *Long press [⚙] to exit time setting, no button is pressed for more than 30 seconds during settings, the system restores to the default settings or current settings.*
- *If you need to modify natural time, long press [⚙] until hours in natural time area flash, then set time through methods described in 1)~2).*

3.3 Setting meal time

You can set meal time for your cat as needed. For example, if your cat needs to eat 4 times a day, you can set the time for four meals. Once the time is set, you do not need to set it again unless required. To set the meal time, perform the following steps:

1) After setting natural time, the system automatically enters feeding time setting mode. Set hours by pressing [▲] or [▼] , then press [⚙] hortly to save the setting. At this time, the first meal minute flashes synchronously.
2) Set minutes by pressing [▼] or [▲] and press [⚙] shortly to save the setting.
3) Repeat the preceding steps to set the time for the remaining three meals.

Note:
- *To cancel or reset meal time, press [⚙] until corresponding meal area is reached and then simultaneously press [▲] and [▼] until the setting is cancelled.*
- *Meal minute setting is in increments of 10 minutes, such as 12:00, 12:10, 12:20. Recommend to increase time gap to achieve healthy feeding.*
- *If no button is pressed for more than 30 seconds during settings, all numbers stop flashing and the system restores to the default settings or current settings.*
- *To fast set the meal time, press and hold [▲] or [▼] when hours or minutes flash. In this case, the time is set to the desired value. Press [⚙] to save the settings.*
- *To modify feeding time, long press [⚙] until hours in natural time area flash, and then repeat the preceding steps to set the time.*

3.4 Setting the refrigeration mode

Long press [❄] and [⚙] buttons at the same time, the system format is changed into the refrigeration mode. Short press [❄] again to adjust the refrigeration level.

Icon	Meaning	Description
▪	1-gear	We recommend that you enable this mode in spring, summer and autumn when the ambient temperature is between 15°C to 30°C. **We recommend that you disable this mode in winter.**
▪▮	2-gear	
▪▮▮	3-gear	We recommend that you enable this mode in summer when the ambient temperature is higher than or equal to 30°C. **We recommend that you disable this mode in winter.**

Note:
- *All temperatures that you set are relative temperatures. The temperatures are calculated based on the room temperature of 25°C. **Disable the refrigeration mode when the ambient temperature is lower than or equal to 10 °C.***
- *If you use the device for the first time, the system uses the 2-gear refrigeration mode. If the device is restarted, the device works in refrigeration mode that you previously set.*
- *During the adjustment, [❄] and the refrigeration gear (e.g. 3-gear) flash at the same time, Long press [❄] and [⚙] buttons to exit the setting mode, no button is pressed for more than 30 seconds during settings, the system restores to the default settings or current settings.*

- *We recommend that you use the device indoors. To ensure the food freshness and quality, please avoid direct sunlight.*

Part 4: Start feeding
- After setting the natural time and meal time, put food on the meal plate in the sequences 1–4.
- Enable the refrigeration mode as needed to keep wet food fresh.
- Close the upper cover. Then your cat can enjoy the food at the preset meal time.

Note:
- *To ensure that food is fresh, we recommend that you do not store food for more than 24 hours. For example, raw meat is stored for a maximum of 4 to 8 hours and canned cat food needs to be consumed within 24 hours.*
- **If only dry food is fed, disable the refrigeration mode to avoid dampness of the dry food.**
- *Each grid of the meal plate can hold up to 300g of food. Please store food based on the cat's appetite, and do not fill the meal plate too full to avoid getting the upper cover dirty. At the same time, please try to make the portion of each grid of the meal plate even.*
- **DO NOT** *press any button to change the setting during meal time.*

Part 5: Maintenance
- This product is easy to clean. You can clean the meal plate and upper cover with water. After the meal plate is cleaned, wipe off water left inside and outside the meal plate by using a dry cloth.
- Wipe off water left inside and outside the tray by using a dry cloth. **DO NOT** immerse the base in water.

Note: *Please clean the meal plate regularly to prevent bacteria.*

Part 6: Troubleshooting

No.	Error Code	Fault Description and Cause	Solution
1	E01	The meal plate is stuck.	Please refer to the ninth instruction of the Part 1: Precautions section.
2	E02	Buttons are stuck or collapsed.	Apply for the after-sales service.
3	E03	The fan fails and stops working.	
4	E04	The software is damaged.	
5	E05	Turn on the refrigeration mode when the ambient temperature drops to -10℃.	Disconnecting the power supply, move the device to normal room temperature conditions (>0℃), reconnect the power supply and Turn on the refrigeration mode.
6	——	There is water inside the IR calibration port. The meal plate keeps rotating.	Please dry the IR calibration port by using a hair dryer or apply for the after-sales service.

Note:
- *If you want to restore factory settings, please press and hold [⚙], [▲] and [▼] at the same time, and then long press [❄] to turn on the device.*
- *If you have any questions or your device has any faults, please contact our customer service.(***aftersales@ubtrobot.com***)*

Part 7: FCC Compliance Statement
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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.

Declaration of conformity

Manufacturer Name: (Or His authorized representative)	UBTECH ROBOTICS CORP LTD
Manufacturer Address: (Or His authorized representative)	Room 2201, Building C1 Nanshan Smart Park No. 1001 Xueyuan Avenue Changyuan Community Taoyuan Street Nanshan District Shenzhen CHINA

Declare under our sole responsibility that the product

Product Name:	Smart Refrigerated Feeder
Model:	F10
Brand(Trademark)	/
Hardware version:	V1.0
Software version:	V1.0

We hereby declare that all essential radio test suites have been carried out and that the above named product is in conformity to all the essential requirement of LVD Directive 2014/35/EU and EMC Directive 2014/30/EU.Is in conformity with the following standards or other normative documents

Test standards	Report number
EN IEC 55014-1:2021 EN IEC 55014-2:2021 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021	S23052208303001
EN 60335☐1:2012 + A11:2014 + A13:2017 + A1:2019 + A14:2019+ A2:2019+A15:2021 and EN 62233: 2008	S23052208304001

Name:	Wayne Cheng
Title :	Certification Manager
Date: 2023/8/31	*Wayne.cheng* Signature of Authorized Person

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Note:
Translations may vary, Please refer to the English version for discrepancies.

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