1350mm

210mm

297mm

Birddy by RELI

Birddy Smart Bird Cage

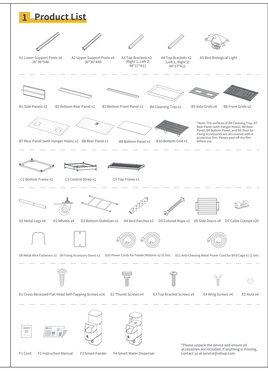
User Manual

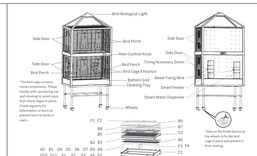
中文电子版说明书

RELI UP APP

Scan the QR code to access the electronic manual, and download the APP to enjoy intelligent management.

1 Product List





2 Assemble the Birddy Smart Bird Cage

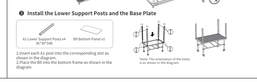
❶ Installing the Bird Cage Metal Legs

1.Flip the bottom frame so the triangular metal plates face upward. Place post D3 into the plates, insert D1 through the stabilizing frame, and secure it to the triangular plates as shown.

❷ Installing the Wheels and Bottom Stabilizer

1.Install D2 onto the bottom of D3 by turning it clockwise. 2.Flip the bottom assembly so that D2 hangs down to the loop fasteners. Then, tighten E2 clockwise to secure them as shown in the diagram.

❸ Install the Lower Support Posts and the Base Plate



1.Insert each A1 post into the corresponding slot as shown in the diagram.
2.Place B9 into the bottom frame as shown in the diagram.

❹ Install the Bottom Cleaning Tray

1.Insert B1, B2, and B3 vertically into the card slots of A1 in the sequence of the numbers shown in the diagram. Strictly follow the number order for installation:
First, install B1, marked as 1 ; and B2, marked as 2 ; and B3, marked as 3 ;
Finally, install B3 marked as 4;
2.Push B4 flat into the base of the cage, then place B10 into it.

❺ Installing the Lower-Level Grids

1.Insert B5 and B6 vertically into the card slots of A1 in the sequence of the numbers shown in the diagram. Strictly follow the number order for installation:
First, install B5 marked as 5 ; and B6, marked as 6 ;
2.Insert B7 vertically into the card slots of A1 as shown in the diagram.

❻ Installing the Central Control Strap

1.Install C2 vertically as shown in the diagram.

❼ Installing the Upper Support Posts

1.Insert each A2 post into the four corner slots on C2 as shown in the diagram.

*Note: Align the card the slots of the central strap with the knob frame facing the cage, and position the knob on the side" " right side.

❽ Installing the Upper-Level Grids

1.Insert B5, B6 , and B8 vertically into the card slots of A2 in the order shown in the diagram.

❾ Installing the Top Frame

1.Install C3 vertically as shown in the diagram.

❿ Installing the Top Light

1.Insert A3 and A4 into the four corners of A5 as shown in the diagram. After aligning the four corners with C3, fasten them using the provided self-tapping screws (E1). Then, connect the power cord of the bird biological light tunc to the back of the cage.)

⓫ Installing the Connecting Screws

1.Use a screwdriver to drive the screws into the support posts as shown in the diagram.

*Important Note: Make sure the " " mark body of the bird cage is aligned without any gaps. If small gaps remain, adjust the position of the bird feeders among the corners into the support posts with a hand screwdriver.

⓬ Installing the Side Doors

1.Place one side of a side door against the vertical wire edge of a side grid.
2.Slide the door upwards to press the other side of the door into the vertical wires on the corresponding side grid.
3.Gently shake the side door to check and ensure it is securely installed.
*Note: Each side grid needs two side doors. Since there are four side grids, a total of 8 need eight doors in total.

⓭ Installing the Smart Feeder and Smart Water Dispenser

1. Attach the smart feeder and water dispenser to the outer side of B7 as shown.
2.Insert D8 into the fixing knobs at the lower ends of the smart feeder and smart water dispenser clockwise to fasten them securely.
*Note: Align the Metal Wire Fasteners at the position shown in the diagram.

⓮ Installing the Fixing Accessory Doors

1.Refer to the diagram and use the wing screws and nuts to secure the accessory doors to the back panel. (Note: Use this step only if the smart feeder and water dispenser are not yet installed.)

⓯ Connecting the Power Supply

1. Equipment Connection Steps
•Follow the prompts on the diagram and complete the connections in sequence:
•Connect the feeder, water dispenser, and avian lamp power cords to the C2 power sockets on the back of the bird cage (see diagram).
•Connect the bird cage power cord to the adapter, then plug the adapter into a power outlet.
Recommendation: Use the D7 cable clamps to organize the power cords of the bird cage ' s smart devices. Secure the cables along the support posts and attach them to the bird cage. This prevents birds from chewing and damaging the cords.)

2. Recommended Adapter Specifications(Only a 5V power adapter can be used.)
•Follow the prompts on the diagram and complete the connection in sequence
•Connect the feeder, water dispenser, and avian lamp power cords to the C2 power sockets on the back of the bird cage (see diagram).
•IoTok Supports all included devices and meets basic usage needs.
•IoTok offers better compatibility and more stable operation across all components.

3. Power On Confirmation
When a clear bird-call melody plays, it indicates that the equipment has been successfully powered on.
Enjoy a whole new level of comfort for your birds!

3 User Manual

❶ Functional Description of the Smart Knob

I. Main Interface and Navigation Operations
1.Default Screen: Displays real-time data of the current environmental temperature and humidity (e.g., 25°C / 60% RH).

2.Rotate the knob to switch between function modules (Feeding, Water, Lighting, Temp & Humidity, Settings).
•Press the knob to confirm and enter the selected module.

3.Knob Operation Tips:
•The screen supports both manual and auto sleep modes, which work independently.

Setting Option	Function Description	Operation Guide
WiFi Reset	Configure network connection for APP remote control	
Screen Brightness	Adjust the brightness of the display screen (10% - 100% stepless adjustment)	Rotate the knob to select brightness and press the knob to confirm.
Screen off Time	Set the automatic screen off duration after no operation. 10s/20s/30s/60s/3min	Rotate to select time and press the knob to confirm.
Turn off Screen	Manually turn off the screen immediately (wake up with any key)	Press the knob to turn off.
System Operation	Menu:Language Time Settings Factory Settings Temperature and Humidity Unit: °C/°F Switch Return	Enter the menu step by step and operate as prompted.
About	View knob model and serial number	The information page only supports browsing, press the knob to return.
Return	Exit the settings menu to the main interface	Press to confirm and return.

❷ Functional Description of the Smart Connector

I. Core Functions
Delivers centralized power and integrated communication control for the birdcage ' s smart ecosystem, reducing wiring complexity.

II. Interface Definition and Connection Specifications

Interface Type	Identification Symbol	Function Description
Main Power Input Port		Connect the 5V power adapter
Smart Feeder Interface		Integrated interface for data communication and power supply
Smart Water Dispenser Interface		
Avian Biological Light Interface		
Accessory Communication Interface		When using other functions, the power supply is disabled. Only data transmission is supported.
Accessory Power Port (USB- A)		Provides a full load of 5V 2A.

*Note: Two cameras cannot be connected simultaneously, as this will exceed the power load. When the power load is exceeded, the Birdcage will restart, and the smart feeder, smart water dispenser, and bird biological light may malfunction.
•Use only the provided accessories and power adapter to ensure safety. Birddy only supports the smart devices that come with the birdcage; it cannot support the connection of other electronic products.

III. Important Safety Warnings and Usage Tips
1.Connector Safety Specifications
· Do not touch the connectors with wet hands. Always ensure both hands and ports are completely dry before use.

2.Troubleshooting
· If the device is unresponsive: Check the connected power adapter.
· If smart device functions fail: Re-plug the communication interface and ensure the plug is free of rust.

IV. Online Operations

Download the Reli Up App
This birdcage is only compatible with the Reli Up app.
Please use the app to set up, control, and manage your device.
You can find the Reli Up app by searching "Reli Up" in the App Store or Google Play.
Alternatively, scan the QR code below to download it directly.

Scan to Download

❸ Smart Feeder

I.Smart Knob Operation Instructions
1. Function Selection:
1.1. On the default screen (main or standby), rotate the smart knob.
1.2. When the "Feeding" icon appears, stop rotating.
1.3. Press the knob to confirm and enter the feeding interface.

2. Feeding Operation:
2.1. A confirmation message will appear: "Feed now?"
2.2. Rotate the knob to select "Yes" or "Confirm" (the exact text may vary by software version).
2.3. Press the knob again to start the feeding process.
2.4. The system will automatically dispense the preset amount of food.

II. Core Operating Logic and Important Notes
1. Forced Cleaning Feeding Sequence
"Important Note:
•The system follows a fixed, preset sequence for each feeding cycle and cannot be changed.
• Step 1: Cleaner Feeder Bowl.
After you confirm a feeding action, the system will automatically run a cleaning routine first.
The cleaner feeder bowl will rotate to a very leftover food, chaff, or debris from the feeding bowl and handles it to the waste collection bin.
• Step 2: Dispense Fresh Food
Once the bowl is confirmed to be clean and empty, the system will release a preset amount of fresh bird food from the storage bin into the bowl.
•Both cleaning and feeding are linked and cannot be performed separately.
Each feeding cycle must include a complete cleaning process.

2. Scientific Feeding Tips (for freshness and to reduce waste)
•Avoid Overfilling: Do not overfill the bowl. The chaff from fresh filling too quickly, please follow these tips.
Amount, Sessions, Multiple Feedings
Avoid setting a single large feeding amount.
• If one feeding isn't enough, divide the total amount into several smaller feedings throughout the day.
•We recommend using the Reli Up app to schedule different time slots for feeding.
• Example: 6:00 am, 12:00 pm, and 5:00 pm.

3.Advantages
•Dividing food into smaller portion is eaten more quickly, which helps prevent the food from becoming damp, oxidized, or spoiled due to long exposure in the bowl.
• Less Waste, Easier Maintenance:Frequent smaller feedings reduce the buildup of waste and prevent the chaff from filling up too quickly, making it easier to keep the feeder clean.
• More Natural for Birds:Mimics the natural eating habits of wild birds, who typically feed on small amounts multiple times a day.

First-Time Use Tip:
Before first use, we recommend running one complete feeding cycle to test whether the preset amount meets your bird ' s daily intake.
(Note: Actual portion sizes may vary depending on food density and type.)

III.Operation Instructions
Fixed Feeding Process:Each feeding cycle includes a cleaning step followed by food dispensing. This sequence is fixed and cannot be modified or separated into individual actions.
1. This preset sequence is mandatory. No steps can be skipped or run individually. Each operation must follow the complete cycle in order.

2. If a single portion isn't enough to meet your bird's daily needs, we recommend scheduling multiple feedings throughout the day using the app.

❹ Smart Water Dispenser

I. Smart Knob Operation Instructions (Water Dispenser Control)
1. Entering the Water Supply Function
1.1 From the main interface (displaying the main or standby screen), rotate the smart knob.
1.2. Watch the screen and stop rotating when the "Water Supply" option appears clearly.
1.3. Press the knob to confirm. The system will enter the water supply management interface.

2. Performing a Water Change
2.1. After entering, the display will show a confirmation message: "Whether to Supply Water?"
2.2. Rotate the knob to select "Yes" or "Confirm" (exact wording may vary depending on the screen display).
2.3. Press the knob to confirm and start the water change process.
2.4. The system will automatically run the water change according to the preset program.

II. Core Operating Logic and Important Tips for Smart Water Dispenser

1.Functional Description
Full-Spectrum Lamp:
As the lighting component, the full-spectrum lamp simulates natural sunlight, delivering both visible and invisible light essential for birds. It supports their biological rhythm regulation, promotes the synthesis of vitamin D3, helps maintain visual health, preserves feather coloration and gloss, and enhances overall vitality.

II. Smart Knob Operation Instructions (Light Control)
1. Entering the Light Control Menu
On the main or standby screen, rotate the smart knob.
When the "Light" " icon appears, stop rotating and press the knob to confirm.
The system will then enter the Light Management Interface.

III. Core Usage Tips and Safety Precautions for Bird Biological Light
1. Scientific Lighting Recommendations
"Important Tip:
•To ensure your natural day-night cycle and maintain birds' health, please follow these best practices:
· Regular Schedule: Set a timer (via the app or device settings) to automatically turn the light on and off every day. This helps maintain a stable biological rhythm.
· Seasonal Adjustment: Adjust the bird species and seasonal factors, it's generally recommended to provide 10-12 hours of light per day (simulating daytime), and 12-14 hours of darkness (simulating night).
· Avoid turning the light on at night, as this can disturb the birds' sleep and affect their health.
· Avoid Sudden Brightness: Use gradual dimming functions where possible to avoid startling birds with sudden changes in light.
2. Maintenance and Cleaning
Routine Checks:
Regularly check that the lamp shade is intact and firmly installed. If damaged or loose, stop use immediately.
Cleaning Instructions:
Wipe off dust according to the instructions (ensure the power is off before cleaning).
Avoid using corrosive cleaners and do not block the light emission path.

IV. Operation Instructions
Operating Sequence:
The system follows a fixed sequence during every water change:
•First drains the used water from the drinking tray into the waste water tank.
Then, it refills the tray with fresh water from the clean water tank.
Note: This process is automatic and cannot be changed or split into separate steps.

Tip: Low Water Alert

If the water level in the clean water tank is too low and a single refill doesn' t meet your birds' needs, you should schedule multiple water changes throughout the day.
This ensures that your birds always have access to fresh and clean drinking water.

❺ Bird Biological Light

I.Functional Area Description
Full-Spectrum Lamp:
As the lighting component, the full-spectrum lamp simulates natural sunlight, delivering both visible and invisible light essential for birds. It supports their biological rhythm regulation, promotes the synthesis of vitamin D3, helps maintain visual health, preserves feather coloration and gloss, and enhances overall vitality.

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Cleaning Instructions:
Wipe off dust according to the instructions (ensure the power is off before cleaning).
Avoid using corrosive cleaners and do not block the light emission path.

2.Safety Warnings
•Anti-Biting Design:
· Never use the lamp without the protective anti-bite cover properly installed.
Birds may chew on the cord, potentially causing electric shock, burns, or damage to both the bird and the device.
· Eye Protection:
Do not look directly into the light for long periods.
Keep the lamp out of reach of children and pets to avoid accidental eye exposure.
· Heat and Fire Safety:
Make sure the area around the lamp is well-ventilated.
Do not cover the lamp or place flammable objects nearby.

❻ Cleaning Instructions

1.Cleaning Instructions for the Smart Bird System
Cleaning, always turn off the device and unplug it from the power source.)

II. List of Components Strictly Prohibited from Contact with Water

Component Category	Water - Prohibited Components	Cleaning Methods and Risk Warnings
Avian Biological Light	Lamp Body, Anti-Biting Lamp Shade	*Moisture can cause motor rust and lead to rotation failure.
Smart Feeder	Motor Module	*Only wipe with a dry cloth! Water ingress may cause circuit short-circuit, light board damage, and electric shock risk.
Smart Water Dispenser	Motor, Water Level Sensor	*Precision electronic components — permanent damage will occur if exposed to water.
Control System	Control Strip (Including Smart Knob)	*Strictly prohibited any liquid contact. Wipe gently with a microfiber cloth and dry immediately.
	Smart Connector	*After power is turned off, clean dust with a dry, soft brush. Do not use wet cloths or spray cleaners.

III. Key Safety Warnings

1. Water entering electronic components such as the biological light, motor, or control strip can cause permanent damage to the device and may lead to electric shock or fire.

2. Before cleaning the back panel, always remove the smart feeder and smart water dispenser to prevent damage and ensure safe handling.

4 Precautions

❶ Applicable Objects and Environments

•It is recommended that this product be used by pets over 3 months old.
2. Indoor use only. Avoid direct sunlight and keep away from heat or fire sources.
3. Operating environment: temperature 0°C -45°C, humidity 20%-80%.

❷ Installation and Fixing

1.Most assembly tasks can be completed by one person. However, when installing smart devices on the back panel, check stability to prevent them from loosening or falling.
2. It is recommended to place the product in a corner or against a wall to prevent pets from knocking it over.

❸ Electrical Safety

1. Always use the 5V 2A or 5V 3A Adapter adapter. Using other adapters may cause equipment damage or malfunction.
2. Be sure to unplug the power cord before moving the product.
3. Keep all connectors dry and clean. Do not spray or spill liquids near the birdcage.

❹ Maintenance and Operational Safety

1. Regular maintenance is required. Clean the product every two months, even if not in use.
2. When the biological light is operating, keep birds at least 15 cm (6 in.) away from the lamp to avoid burns.
3. Do not touch the internal mechanical parts of the feeder's gran-outlet or the water dispenser's water outlet with bare hands.

❺ Waterproofing and Cleaning

1. The entire machine must not be soaked or splashed with water.
2. Components without electronic parts can be removed and cleaned with water.
3. Remove smart devices (feeder and water dispenser) before cleaning the back panel.

❻ Other Warnings

1. Children should only operate under adult supervision.
2. Avoid direct sunlight on the smart knob screen to prevent overheating or malfunction.

5 Basic Parameters

Product Information
Product Name: Birddy Smart Bird Cage
Overall Dimensions: 42cm × 46cm × 106cm
Product Weight: 6kg
Main Materials: Metal + Plastic
Power Supply: 5V 2A
Supported Operating Systems: Android 5.0 and above, or iOS 13.0 and above

CE Warning
Hangzhou IoTok Technology co.,Ltd. declares that the radio equipment type E-C12WR01 is in compliance with Directive 2014/53/EU The full text of the EU declaration of conformity is available at the following website: https://www.reliup.com

FCC Verification
FCC Compliance Statement: This device complies with Part 15 of the FCC rules. Operation is subjected 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.
Changes or modifications not expressly approved by the party responsible for compliance could void user authority to operate the equipment.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
The distance between user and products should be no less than 20cm.
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.

图纸提供单位	北京疯景科技有限公司
项目名称	Birddy-BC2使用说明书
版本号	V1.4
设计时间	2025.09.23
设计师	谭焱
材质工艺要求	
材质要求:	105g金东太空棉
制作工序:	双面印刷+哑油
工艺要求:	
颜色及专色: 纹理要求	文字颜色：54565A 其他：4c

比例 1:1 单位 mm