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IBKINXX DLN-26

IBKINXX 26 Egg Incubator Instruction Manual

Model: DLN-26 | Brand: IBKINXX

1. Introduction

The IBKINXX 26 Egg Incubator (Model DLN-26) is designed to simplify the egg hatching process for various poultry types. It integrates intelligent voice guidance, precise temperature and humidity control, and automatic egg turning to create an optimal environment for embryonic development. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure successful hatching.

2. Safety Instructions

- Always place the incubator on a stable, level surface away from direct sunlight, drafts, or extreme temperature fluctuations.
- Ensure the power supply matches the voltage requirements specified on the product label.
- Do not immerse the incubator or its electrical components in water or any other liquid.
- Keep the incubator out of reach of children and pets.
- Unplug the incubator from the power outlet before cleaning or performing any maintenance.
- Do not operate the incubator if the power cord or plug is damaged. Contact customer support for assistance.
- Use only clean, distilled water for the humidity system to prevent mineral buildup and ensure proper function.

3. Package Contents

Verify that all components are present upon unpacking:

- IBKINXX 26 Egg Incubator Unit
- 26 Egg Tray (for standard chicken eggs)
- 59 Bird Eggs Tray (for smaller eggs like quail)
- Small Gear

- 360° Viewing Window Cover
- Cleaning Brush
- Power Cable
- User Manual



Figure 3.1: Included Components

4. Product Overview

The IBKINXX 26 Egg Incubator features a transparent design for easy observation and a user-friendly control panel for managing incubation parameters.



Figure 4.1: IBKINXX 26 Egg Incubator

Control Panel & Display

The central control panel provides real-time information and allows for setting adjustments. It displays hatching days, current temperature, humidity percentage, and egg turning interval.

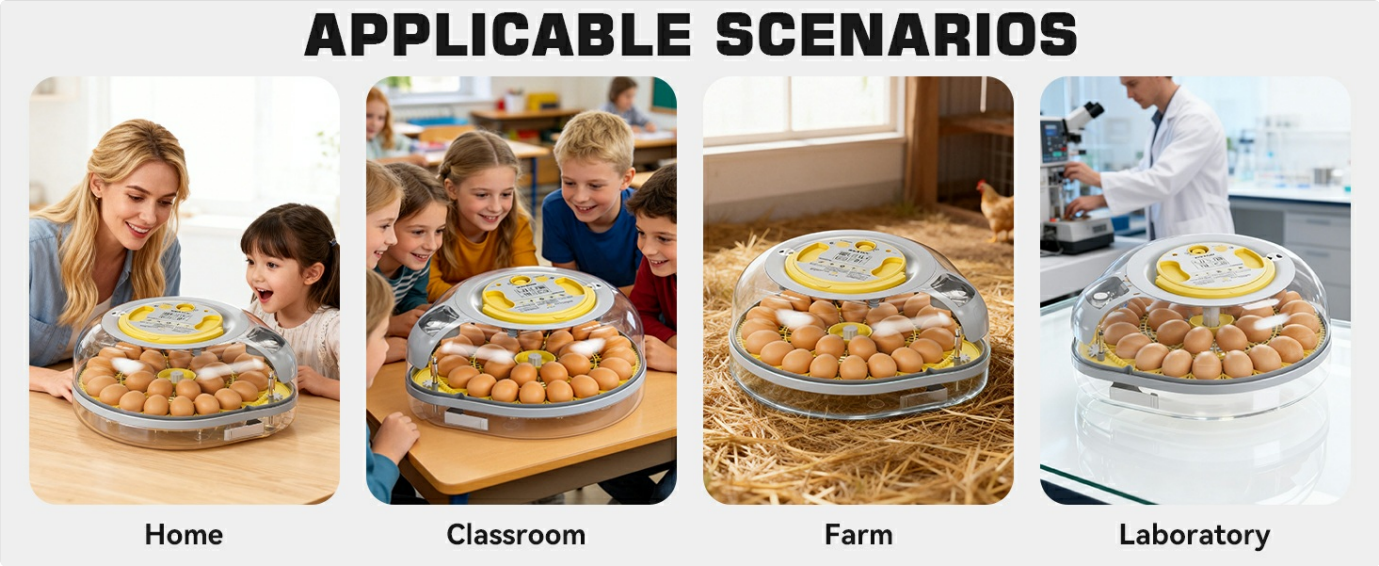


Figure 4.2: Control Panel Overview

Double Egg Tray System

The incubator includes two interchangeable egg trays to accommodate different egg sizes:

- **26 Egg Tray:** Suitable for larger eggs such as chicken, duck, and goose eggs.
- **59 Bird Eggs Tray:** Designed for smaller eggs like quail eggs.



Figure 4.3: Interchangeable Egg Trays

5. Setup

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect for any damage. Retain the styrofoam packaging as it can be used for insulation in cooler environments.
2. **Assemble Egg Tray:** Choose the appropriate egg tray (26-egg or 59-egg) based on the size of your eggs. Place the small gear onto the central post of the incubator base. Position the chosen egg tray onto the gear, ensuring it sits securely.
3. **Add Water:** Locate the water injection port on the side of the incubator base. Using a clean bottle or dropper, carefully fill the water reservoir with distilled water. Avoid overfilling. The incubator features automatic humidity control, but initial

water is required.

4. **Place Eggs:** Gently place fertilized eggs into the egg tray with the larger end facing upwards. Allow eggs to sit for 12 hours before starting incubation. During incubation, ensure the pointed end of the fertilized egg faces towards the center of the incubator for healthy embryonic development.
5. **Connect Power:** Connect the power cable to the incubator and then plug it into a suitable electrical outlet. The incubator will power on and display current readings.

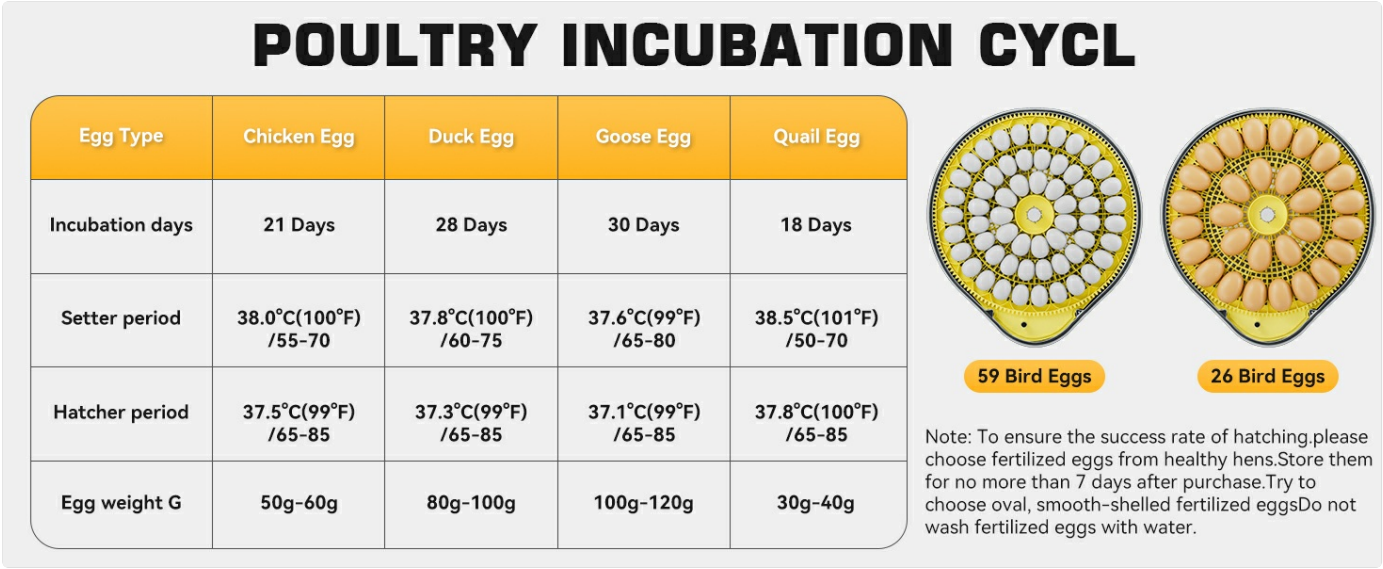


Figure 5.1: Easy Operation Steps

6. Operation

6.1. Temperature and Humidity Control

The incubator automatically maintains stable incubation conditions. The temperature range is 60–104°F (20–39.5°C) with an accuracy of ±2°F (±1°C). If the temperature deviates, an alarm will sound.
Humidity is also automatically controlled. If the humidity level deviates by ±10% from the set point after 2 hours of operation, the humidity display will blink, and an alarm will sound. Ensure the water reservoir is adequately filled to maintain humidity.



Figure 6.1: Smart Temperature & Humidity Control

6.2. Automatic Egg Turning

The incubator automatically turns eggs to prevent sticking and promote healthy embryo development. The turning interval can be set to 60, 90, 120, 150, or 180 minutes. Automatic egg turning will cease during days 18–21 to prepare for hatching.



Figure 6.2: Automatic 360° Egg Turner

6.3. Built-in LED Egg Candler

Use the integrated LED candler to check egg fertility and monitor embryo growth without opening the incubator. This helps identify and remove infertile or non-developing eggs, improving the overall hatch rate.

- **Visible Embryo:** Indicates healthy development.
- **Larger Embryo:** Shows continued growth.
- **Well-developed Embryo:** Nearing hatching stage.

Note: Remove eggs promptly if they exhibit free-floating air bubbles, small cracks, appear unfertilized, or show signs of dead embryos to prevent affecting other eggs.



Figure 6.3: LED Egg Candler for Checking Embryo Development

6.4. Smart Voice Guidance

The incubator features intelligent voice guidance to assist with operation. Simply say "Hello DanDan" to activate the voice assistant and issue commands for setting parameters or checking status.



Figure 6.4: Voice Command Card

6.5. Poultry Incubation Cycle Guidelines

The following table provides general incubation guidelines for common poultry types. These are approximate values and may vary based on specific egg conditions and environmental factors.

Egg Type	Incubation Days	Setter Period (Temp/Humidity)	Hatcher Period (Temp/Humidity)	Egg Weight (Grams)
Chicken Egg	21 Days	38.0°C (100°F) / 55-70%	37.5°C (99°F) / 65-85%	50g-60g
Duck Egg	28 Days	37.8°C (100°F) / 60-75%	37.3°C (99°F) / 65-85%	80g-100g
Goose Egg	30 Days	37.6°C (99°F) / 65-80%	37.1°C (99°F) / 65-85%	100g-120g
Quail Egg	18 Days	38.5°C (101°F) / 50-70%	37.8°C (100°F) / 65-85%	30g-40g

Note: To ensure the success rate of hatching, please choose fertilized eggs from healthy hens. Store them for no more than 7 days after purchase. Try to choose oval, smooth-shelled fertilized eggs. Do not wash fertilized eggs with water.



Figure 6.5: Poultry Incubation Cycle Chart

7. Maintenance & Cleaning

Regular cleaning is essential to maintain hygiene and ensure optimal performance of your incubator. The incubator is designed for easy disassembly and cleaning.

1. **Disassembly:** Unplug the incubator. Carefully remove the top cover and egg trays.
2. **Cleaning:** Rinse the egg trays and the base with clean water. Use the provided cleaning brush to remove any debris. Wipe all surfaces gently with a clean, damp cloth.
3. **Drying:** Ensure all parts are completely dry before reassembling or storing the incubator.

Important: Do not wash the electrical components or the main control unit in a machine or immerse them in water. Clean these parts with a dry or slightly damp cloth only.



Figure 7.1: Easy Disassembly & Cleaning

8. Troubleshooting

If you encounter issues with your IBKINXX 26 Egg Incubator, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Temperature fluctuation/alarm	Lid not sealed properly; incubator in a drafty area; ambient temperature too low/high.	Ensure lid is securely closed. Move incubator to a stable environment. Use styrofoam packaging for insulation if ambient temperature is low.
Humidity too low/alarm	Water reservoir empty; ventilation switch open too wide.	Refill water reservoir with distilled water. Adjust ventilation switch to a more closed position if necessary.
Humidity too high	Too much water in reservoir; ventilation switch closed too much.	Reduce water level if possible. Open ventilation switch to allow more airflow.
Eggs not turning	Egg turning function disabled; gear not properly installed; power interruption.	Check control panel settings to ensure auto-turning is active. Verify the small gear is correctly seated. Ensure continuous power supply.
No display/power	Power cable loose; power outlet malfunction.	Check power cable connection. Test the outlet with another appliance.

If the problem persists after attempting these solutions, please contact IBKINXX customer support.

9. Specifications

- **Model Number:** DLN-26
- **Brand:** IBKINXX
- **Capacity:** 26 standard chicken eggs or 59 quail eggs
- **Temperature Range:** 60–104°F (20–39.5°C)
- **Temperature Accuracy:** ±2°F (±1°C)
- **Egg Turning:** Automatic, adjustable intervals (60/90/120/150/180 minutes)
- **Humidity Control:** Automatic with alarm for ±10% deviation
- **Features:** Smart Voice Guidance, Built-in LED Egg Candler, Transparent Cover
- **Package Dimensions:** 15.5 x 15.5 x 8.5 inches
- **Item Weight:** 7.68 pounds
- **Manufacturer:** IBKINXX
- **ASIN:** B0GL211127
- **Date First Available:** February 2, 2026

10. Warranty & Support

The IBKINXX 26 Egg Incubator comes with a **one-year warranty** from the date of purchase, covering manufacturing defects. Additionally, IBKINXX provides **lifetime customer support** to assist you with any questions or issues you may encounter during the use of your incubator.

For warranty claims, technical assistance, or general inquiries, please contact IBKINXX customer support through the retailer where you purchased the product or visit the official IBKINXX website for contact information.

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