

TRIOCOTTAGE A0013

TRIOCOTTAGE A0013 Automatic Egg Incubator

User Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your TRIOCOTTAGE A0013 Automatic Egg Incubator. This device is designed for hatching various poultry eggs, featuring automatic temperature control, automatic egg turning, adjustable humidity levels, and a built-in egg candler.

The incubator is suitable for small-scale breeders, educational projects, and hobbyists. Please read this manual thoroughly before initial use to ensure optimal performance and successful hatching.

2. SAFETY INSTRUCTIONS

- This incubator is an electrical appliance. Always handle with care and ensure it is disconnected from the power supply before cleaning or maintenance.
- Do not immerse the incubator or its electrical components in water or any other liquid.
- Keep the incubator out of reach of children. Adult supervision is required when children are near the device.
- Place the incubator on a stable, level surface, away from direct sunlight, drafts, or extreme temperature fluctuations.
- Ensure proper ventilation around the incubator to prevent overheating.
- Use only the power adapter supplied with the unit.
- If any damage is observed on the power cord or the unit itself, discontinue use immediately and contact customer support.

3. PRODUCT COMPONENTS

Familiarize yourself with the various parts of your TRIOCOTTAGE A0013 incubator:



BUILT-IN EGG LIGHT, USE IN DARK ROOM

Image: Incubator components for storage and setup.

- **Incubator Unit:** Main housing with digital display, control panel, and transparent lid.
- **Styrofoam Protective Casing:** Provides additional insulation, especially in colder environments. *(Do not discard)*
- **Egg Turning Tray:** Holds eggs for automatic rotation.
- **Hatching Grid:** Used when the egg turning tray is removed for manual hatching.
- **Water Channels/Reservoirs:** Located at the bottom for humidity control.
- **Wash Bottle:** For easy water addition to humidity channels.
- **Power Cord:** Connects the incubator to an electrical outlet.
- **Incubator Storage Bag:** For convenient storage of the unit and accessories.

4. SETUP

4.1 Initial Placement

Place the incubator on a flat, stable surface in a room with a consistent ambient temperature, ideally between

20-25°C (68-77°F). Avoid locations with direct sunlight, drafts, or significant temperature fluctuations.

4.2 Power Connection

Connect the power cord to the incubator and then plug it into a suitable electrical outlet. The digital display will illuminate, showing the current temperature and humidity.

4.3 Humidity Preparation

Humidity is crucial for successful hatching. The incubator features water channels at the bottom. Use the provided wash bottle to add water to these channels. The amount of water added determines the humidity level.

ADJUSTABLE 3 LEVELS OF HUMIDITY

No need to buy an additional hygrometer



Low humidity:
50%~70%



Medium humidity:
70%~85%



High humidity:
above 85%

A free wash bottle with scale makes it easier to add water and adjust humidity.



Image: Adding water to adjust humidity levels.

- **Low Humidity (50%-70%):** Fill one or two channels.
- **Medium Humidity (70%-85%):** Fill two or three channels.
- **High Humidity (above 85%):** Fill all channels.

Monitor the humidity display and adjust by adding or removing water as needed. Distilled water is recommended to prevent mineral buildup.

5. OPERATING INSTRUCTIONS

5.1 Temperature Control

The incubator features automatic temperature control. The digital sensor and forced air circulation system maintain a stable internal temperature. The default temperature setting is typically optimized for chicken eggs (around 37.5°C or 99.5°F). Refer to the specific requirements for the type of eggs you are incubating.

EASY TO OPERATION



**Auto
turn eggs**



**Humidity
Monitor**



**Built-in
Egg Candler**



**Limit
Alarm**



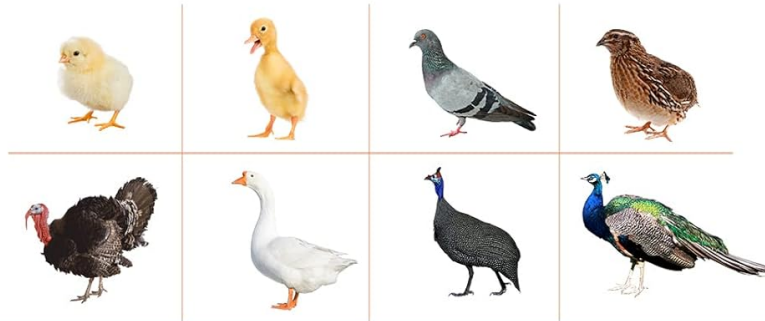
Image: Internal components for forced air circulation.

The incubator uses a large-area heating wire plate and a built-in fan to ensure heat is evenly distributed throughout the unit.

5.2 Egg Placement and Turning

The incubator offers two modes for egg turning:

HATCH MANY KINDS OF POULTRY EGGS



Using Turner (auto egg turning mode)
Incubator can hold:

Chicks: 8~12
Ducks: 8

Quails: 24~35
Geese: 1~3



Removed Turner (manual mode)
Incubator can hold:

Chicks: 26~34
Quails: 54~68

Ducks: 18~22
Geese: 8~10

**HOLD
MORE
EGGS**



Image: Egg capacity for different poultry types.

- **Automatic Egg Turning Mode:** Place fertile eggs into the automatic turning tray. The incubator will automatically roll the eggs at regular intervals. This mode can hold approximately 8-12 chicken eggs, 8 duck eggs, 24-35 quail eggs, or 1-3 goose eggs.
- **Manual Hatching Mode:** For increased capacity, remove the automatic turning tray and place eggs directly on the hatching grid. In this mode, eggs must be manually turned at least twice a day. This allows for hatching more eggs, such as 26-34 chicks, 18-22 ducks, 54-68 quails, or 8-10 geese.

5.3 Egg Candling

The incubator includes a built-in egg candler to observe embryo development without needing an external device. To use, simply place an egg over the candling light in a dark room.

FORCED AIR CIRCULATION

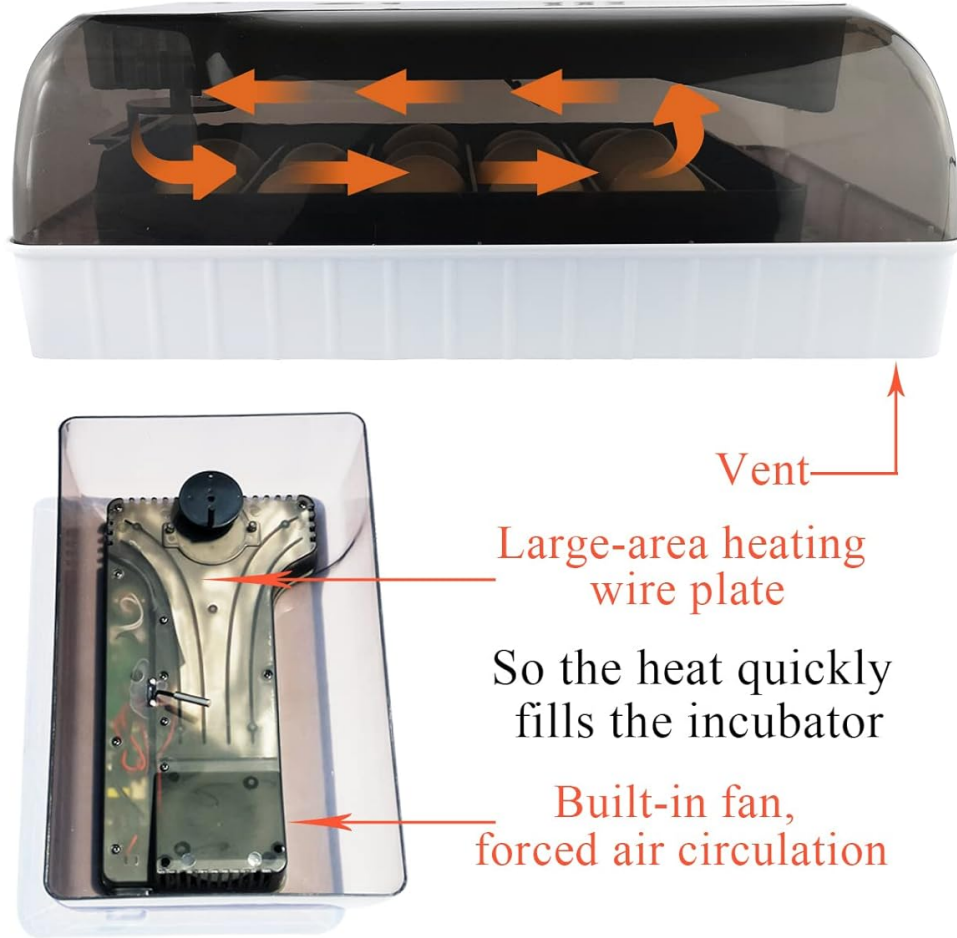


Image: Using the built-in egg candler.

5.4 Hatching Process

During the final days before hatching (typically the last 3 days), it is recommended to remove the automatic turning tray and place eggs on the hatching grid. Increase humidity during this period to aid in hatching. Avoid opening the incubator frequently during hatching to maintain stable conditions.

6. MAINTENANCE

6.1 Cleaning

After each incubation cycle, disconnect the incubator from power and allow it to cool. Clean all internal surfaces, trays, and water channels with a mild disinfectant solution and a soft cloth. Ensure all components are thoroughly dry before reassembly or storage.

6.2 Storage

Once cleaned and completely dry, store the incubator and its accessories in a cool, dry place. Utilize the provided styrofoam casing and storage bag to protect the unit from dust and damage.

7. TROUBLESHOOTING

- **Temperature Fluctuations:** Ensure the incubator is placed in a stable environment away from drafts or direct heat sources. Verify the lid is securely closed. If concerns persist, use an independent calibrated thermometer to cross-reference readings.
 - **Humidity Issues:** Check water levels in the channels. Ensure the wash bottle is used correctly to add water. Ambient room humidity can affect internal humidity; adjust water levels accordingly.
 - **Egg Turner Not Working:** Ensure the egg turning tray is correctly installed and connected. Check for any obstructions preventing movement.
 - **No Power/Display:** Verify the power cord is securely plugged into both the incubator and the electrical outlet. Check the power source.
 - **Low Hatch Rate:** This can be influenced by many factors including egg fertility, egg handling, consistent temperature and humidity, and proper turning. Review all operating steps and ensure optimal conditions are maintained throughout the incubation period.
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8. SPECIFICATIONS

- **Brand:** TRIOCOTTAGE
 - **Model Number:** A0013
 - **Product Dimensions:** 32 x 21 x 12 cm (LxWxH)
 - **Item Weight:** 1.74 kg
 - **Features:** Automatic Turner, Automatic Temperature Control, Humidity Display, Built-in Egg Candler, Forced Air Circulation
 - **Egg Capacity (Automatic Turning):** 8-12 Chicken, 8 Duck, 24-35 Quail, 1-3 Goose
 - **Egg Capacity (Manual Hatching):** 26-34 Chicken, 18-22 Duck, 54-68 Quail, 8-10 Goose
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9. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions not covered in this manual, please contact TRIOCOTTAGE customer service directly. Refer to the product packaging or the official TRIOCOTTAGE website for contact details.