Hawkrown H05

Hawkrown H05 Bathroom Exhaust Fan with Humidity Sensor and LED Light - Instruction Manual

Model: H05

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Hawkrown H05 Bathroom Exhaust Fan. This unit integrates a powerful exhaust fan with a humidity sensor, odor sensor, 3CCT LED light, 7 LED color options, and remote control functionality. Please read this manual thoroughly before installation and use to ensure safe and efficient operation.

Image 1.1: Hawkrown H05 Bathroom Exhaust Fan with LED light and digital display.

2. SAFETY INFORMATION

- Always disconnect power at the circuit breaker before installing, servicing, or cleaning the unit.
- Installation should be performed by a qualified electrician in accordance with all local and national electrical codes.
- Wear appropriate personal protective equipment, including gloves and eye protection, during installation.
- Ensure the unit is properly grounded to prevent electrical shock.
- Do not use this fan in areas where it may be exposed to water spray from a shower or bathtub unless specifically rated for such use.
- Keep children and pets away from the installation area.
- Do not insert fingers or foreign objects into the fan grille.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Main Exhaust Fan Unit
- LED Light Panel
- Remote Control
- Ventilation Pipe (Flexible Duct)
- Metal Hoop (Duct Clamp)
- Self-tapping Screws and Washers
- Adhesive Tape
- Cable Ties
- Instruction Manual

Standby: (Purification auto-starts when standby turn on)
Power On/Off

Remote Control Pairing Instructions (Remote control will only function properly after successful pairing): In 30s after powering on, long press the standby button for 3s. A long "Beep" indicates successful pairing.

Ventilator
Turn the ventilation on or off.

Purification
Short press: Turn purification mode ON/OFF
Long press : Cycle through humidity levels 30%→60%→80%

Timer
Short Press: Turn Timer ON/OFF
Long press: Cycle through 0H→1H→...→4H

+/-
Long Press: Adjust brightness.

Lamp
Short press: Turn the lamp on/off.
Long press: Customize the color temperature

RGB Lighting
Short Press: Turn RGB modes ON/OFF
Long press: Switch between 3 RGB modes

Image 3.1: All components included in the Hawkrown H05 package.

4. SPECIFICATIONS

Feature	Specification
Brand	Hawkrown
Model Name	H05
Air Flow Capacity	230 CFM
Noise Level	1.0 Sone
Power Source	AC
Voltage	120 Volts (AC)
Wattage	36 watts
Product Dimensions	10.62"D x 10.98"W x 7.08"H

Ceiling Opening Requirement	11.22" x 11.22"
Mounting Type	Ceiling Mount
Special Features	Digital Display, Remote Controlled, Humidity Sensor, Odor Sensor, 3CCT LED Light, 7 LED Colors

5. INSTALLATION GUIDE

For a visual guide, please refer to the official installation video below. Professional installation is recommended.

Your browser does not support the video tag.

Video 5.1: Official Hawkrown Humidity Sensor Exhaust Fan Installation Guide. This video demonstrates the step-by-step process for installing the exhaust fan, including preparing the ceiling, connecting the ductwork, and securing the unit.

5.1. Preparation

- Ensure power is off at the circuit breaker.
- Gather all necessary tools: measuring tape, utility knife, screwdriver, power drill, safety gloves, and eye protection.
- Unpack all components and verify against the package contents list.

Image 5.1.1: Product dimensions and required ceiling opening (11.22" x 11.22").

5.2. Ceiling Opening

- Measure and cut an 11.22 x 11.22 inch hole in the ceiling. Use a ruler to ensure accuracy.
- Ensure there is at least 11 inches of roof-to-ceiling clearance for proper installation.

5.3. Ductwork Connection

- Slip the metal hoop over the flexible ventilation pipe.
- Expand the ventilation pipe and align it with the air outlet of the main unit, then slip it over the outlet.
- Tighten the metal hoop with power tools to secure the connection.
- For additional security, fix the air duct with adhesive tape and then use cable ties or hoops for fixation.

5.4. Electrical Wiring

- **Always unplug the power before connecting terminals.**
- Connect the wires: Green to green (Ground), White to white (Neutral), Black to black (Live).

- The socket wire is a power cord and cannot be used as a control wire. Control is handled by the remote.
- The intermediate terminal block can be used as an intermediate medium. Pull it gently to ensure it is fully secured.

If the unit doesn't power on when plugged in:

1. Ensure all connectors are securely reattached. Match wire colors: Green to green, white to white, black to black.
2. Replug the power cord.

White wire: Neutral wire (N)

Black wire: Live wire (L)

Green wire: Ground wire (G)

⚠️ Always unplug the power before connecting terminals.

Image 5.4.1: Electrical wiring connections.

5.5. Mounting the Unit

- Insert one side of the ventilation pipe into the ceiling first. Insert it diagonally from the side.
- Push the air duct into the pre-reserved ventilation pipeline at home and wind it with adhesive tape to make sure there is no air leakage.
- Position the main unit correctly, connect the corresponding motherboard cables, press the spring clips on both sides, and sequentially press them into the pre-reserved spring slots of the main unit.
- If installing directly on attic or frame wooden beams, use long self-tapping screws and washers at the installation auxiliary feet. Install the four holes in sequence to ensure stable installation.
- Organize the cables, and the installation is complete.

5.6. Remote Control Pairing

- After powering on the unit, within 30 seconds, long-press the standby button (power button) on the remote for 3 seconds.
- A long "Beep" sound indicates successful pairing. If unsuccessful, unplug and retry.

6. OPERATING INSTRUCTIONS

The Hawkrown H05 is controlled via the included wireless remote. The remote has a maximum range of 19 ft, with an ideal working distance within 6 ft.

Image 6.1: Remote Control Functions.

6.1. Power On/Off

- Press the **Power On/Off** button to turn the unit on or off.

6.2. Ventilation (Fan) Control

- Press the **Ventilator** button to turn the fan on or off.
- The fan operates at 230 CFM with a quiet 1.0 Sone noise level.

Image 6.2.1: 230 CFM Powerful Exhaust Fan in action.

0lm   2600lm
200lm is suitable for night light

2700K Warm **4500K** Natural **6500K** Cool

Image 6.2.2: 1.0 Sone Whisper-Quiet Operation.

6.3. Humidity and Odor Sensing (Purification)

- **Short Press Purification Button:** Turns purification mode (humidity/odor sensing) ON/OFF.

- **Long Press Purification Button (≥2s):** Cycles through humidity levels 30% → 60% → 80%.

- When the bathroom humidity reaches the selected level, the fan automatically turns on.

- The fan also automatically starts ventilation when unpleasant odors are detected.

- A green indicator light on the panel provides real-time feedback on the system's working status.

- **Note:** Ventilation and purification are two independent modes that cannot be activated simultaneously; only one can be switched on at a time.

Humidity & Odor Sensor

Red: Odor Sensing
Automatically turns on ventilation when odor is detected

Green: Humidity Sensing
Preset humidity triggers (30%/60%/80%) initiate automatic ventilation
*Ventilation won't turn on unless indoor humidity reaches trigger levels.

Light Turn off: Manual Mode
Turn on/off the ventilation function manually with 🌀
*Display real-time humidity, not preset humidity trigger

🍃 **Turns on by default when standby ⏻ turns on**
Short Press🍃: Turn the pre-set humidity and odor sensors on or off
Long Press(≥2s)🍃: Adjust humidity levels 30%→60%→80%

Image 6.3.1: Humidity & Odor Sensor functionality.

6.4. Lighting Control

- **Short Press Lamp Button:** Turns the main LED lamp on/off.

- **Long Press Lamp Button:** Customizes the color temperature (3000K Warm, 4500K Natural, 6500K Cool).

- **+/- Buttons (Long Press):** Adjusts brightness (stepless dimming).

- The unit also features a nightlight mode (200lm).

Image 6.4.1: Stepless Light Control: Brightness & Color Temperature.

6.5. RGB Lighting Control

- **Short Press RGB Button:** Turns RGB modes ON/OFF.

- **Long Press RGB Button:** Switches between 3 RGB dynamic lighting modes (Aurora, Breathing, Blinking) and 7 static LED colors.

Image 6.5.1: RGB Dynamic Lighting Modes.

6.6. Timer Function

- **Short Press Timer Button:** Turns the timer ON/OFF.

- **Long Press Timer Button:** Cycles through automatic shutoff times from 1 to 4 hours in 1-hour increments. This helps save energy.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your exhaust fan.

- **Cleaning the Grille and Light Panel:** Periodically wipe the exterior grille and light panel with a soft, damp cloth. Do not use abrasive cleaners or solvents.

- **Cleaning the Fan Blades:** If accessible, gently clean the fan blades with a soft brush or cloth to remove dust and debris. Ensure power is disconnected before attempting this.

- **Ductwork Inspection:** Annually inspect the ductwork for any blockages, kinks, or disconnections that could impede airflow.

- **Electrical Connections:** Periodically check electrical connections for tightness and signs of wear. Ensure power is disconnected before inspection.

8. TROUBLESHOOTING

Refer to the following common issues and solutions:

- **Unit does not power on:**

  - Ensure all connectors are securely reattached. Match wire colors: Green to green, white to white, black to black.
  - Replug the power cord.
  - Check the circuit breaker for tripped circuits.

- **Fan not working:**

  - Check if the fan is in purification (auto) mode. It only activates when indoor humidity reaches the preset level (30%/60%/80%) or when odors are detected.
  - In manual mode, press the ventilator button to turn ventilation on/off.

- **Remote control is paired but not working:**

  - Try pressing the standby button first, then long-press any function button.
  - Ensure the remote has fresh batteries.

- **Insufficient airflow:**

  - Check for obstructions in the ductwork or fan grille.
  - Ensure the ductwork is properly sealed and free of leaks.

Image 8.1: Usage Guidelines and Troubleshooting Tips.

9. WARRANTY AND SUPPORT

The Hawkrown H05 Bathroom Exhaust Fan is certified by UL and FCC, ensuring safe and reliable use. Hawkrown provides 24-hour online customer service and a worry-free after-sales guarantee.

For any questions, issues, or warranty claims, please contact Hawkrown customer service through the retailer where the product was purchased or visit the official Hawkrown website for support.

Related Documents - H05

	Hawkrown Bathroom Fan with Bluetooth Speaker, 3CCT & Night Light Installation and Operation Manual This manual provides detailed instructions for the installation, operation, and troubleshooting of the Hawkrown Bathroom Fan with Bluetooth Speaker, 3CCT & Night Light. It covers important safety tips, installation steps, remote control functions, Bluetooth pairing, warranty information, and common problem solutions.
	Hawkrown H01 Bathroom Fan User Manual and Installation Guide Comprehensive user manual for the Hawkrown H01 bathroom fan, covering installation, remote control operation, troubleshooting, and warranty information. Learn how to safely install and operate your ventilation fan.

[Himox H05 Air Purifier User Manual](#)
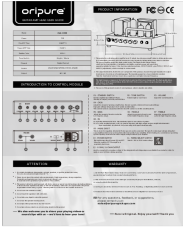User manual for the Himox H05 Air Purifier, covering packing list, quick start guide, safety precautions, product components, operation modes, maintenance, fault handling, power cord cautions, warranty, and filter information.

[OriPure OA-H05 Guitar Amp Head User Guide - Specifications and Controls](#)
Official user guide for the OriPure OA-H05 all-tube guitar amp head. Discover detailed product specifications, understand all control module functions, safety precautions, and warranty information.