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INKBIRDPLUS Portable Dehumidifier

INKBIRDPLUS Portable Dehumidifier User Manual

Model: Portable Dehumidifier

1. Introduction

Thank you for choosing the INKBIRDPLUS Portable Dehumidifier. This manual provides important information regarding the safe operation, installation, maintenance, and troubleshooting of your new dehumidifier. Please read this manual thoroughly before use and retain it for future reference.
This dehumidifier is designed to reduce excess moisture in small to medium-sized spaces, helping to prevent issues such as mold, mildew, and musty odors. It features an 1100ml water tank, quiet operation, and integrated LED lighting.



Figure 1.1: Illustration of common issues caused by high humidity and how a dehumidifier can help.

2. Safety Instructions

Please read and follow all safety instructions to prevent injury or damage to the appliance.

- Ensure the power supply voltage matches the rating label on the dehumidifier.
- Do not operate the dehumidifier with a damaged cord or plug.
- Keep the appliance away from heat sources, direct sunlight, and flammable materials.
- Do not block the air inlet or outlet.
- Always place the dehumidifier on a stable, level surface.
- Do not immerse the appliance, power cord, or plug in water or other liquids.
- Unplug the dehumidifier before cleaning, maintenance, or when not in use.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

3. Parts and Features

Familiarize yourself with the components of your INKBIRDPLUS Portable Dehumidifier.



Figure 3.1: Key features of the dehumidifier including the control button, air filter, handle, and water tank with LED light.

- **Control Button:** Single button for power and mode selection.
- **Air Inlet/Outlet:** Where air enters and exits the unit.
- **Detachable Mesh Filter:** Located at the air inlet, helps filter dust.
- **Water Tank:** 1100ml capacity, collects condensed water. Transparent for easy viewing.
- **Handle Belt:** For easy portability.
- **7-Color LED Night Light:** Integrated into the water tank, provides ambient lighting.
- **Power Port:** For connecting the power adapter.

4. Setup

Follow these steps to set up your dehumidifier for first use:

1. **Unpack:** Carefully remove the dehumidifier and all accessories from the packaging. Retain packaging for future storage or transport.
2. **Placement:** Place the dehumidifier on a firm, level surface in the desired location. Ensure there is at least 20 cm (8 inches) of space around the air inlet and outlet for proper airflow. Avoid placing it in direct sunlight or near heat sources.
3. **Power Connection:** Connect the power adapter to the dehumidifier's power port, then plug the adapter into a suitable electrical outlet.

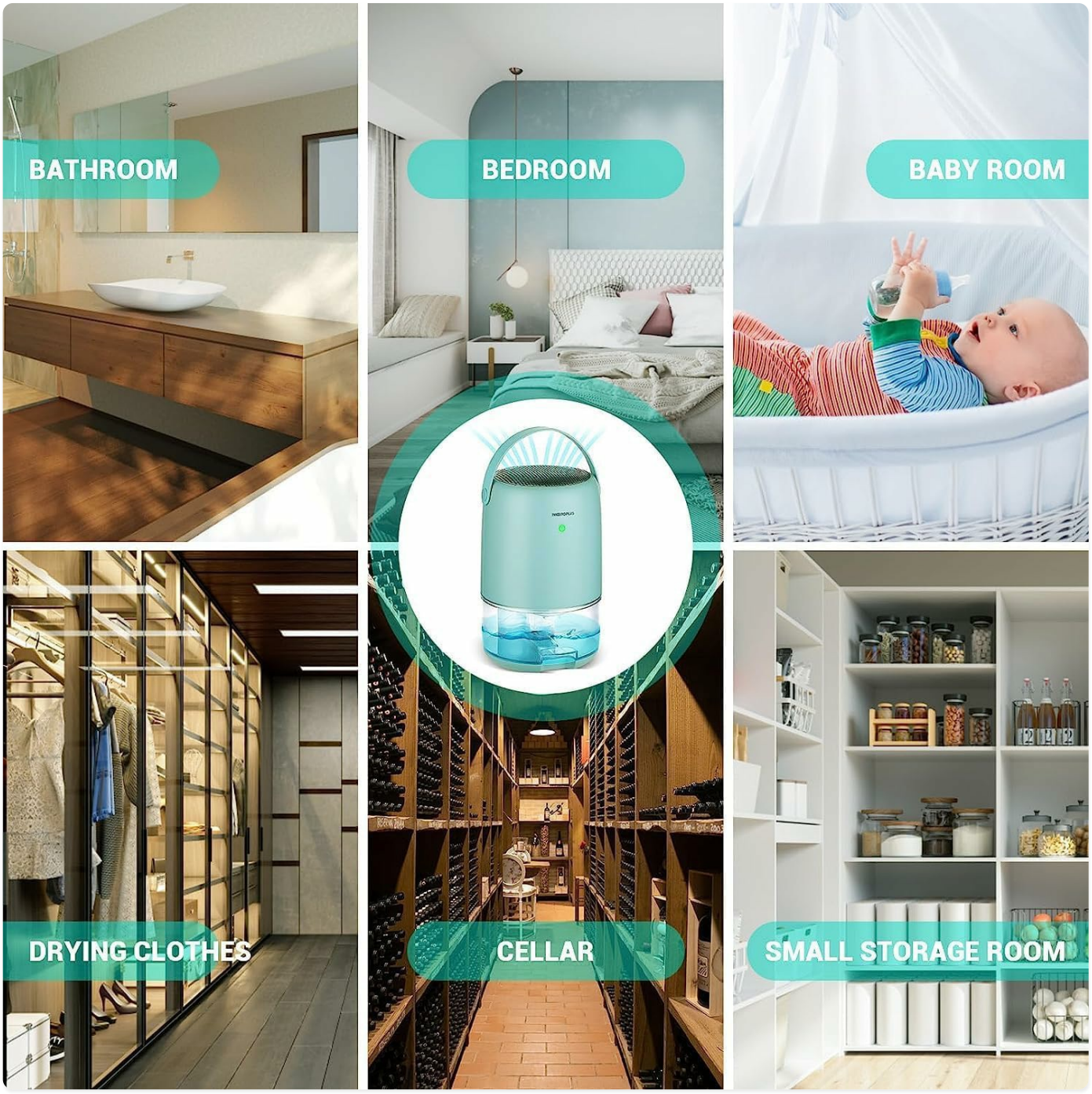

Figure 4.1: Examples of ideal placement areas for the dehumidifier.

5. Operating the Dehumidifier

5.1 Power On/Off and Mode Selection

The dehumidifier operates with a single control button.

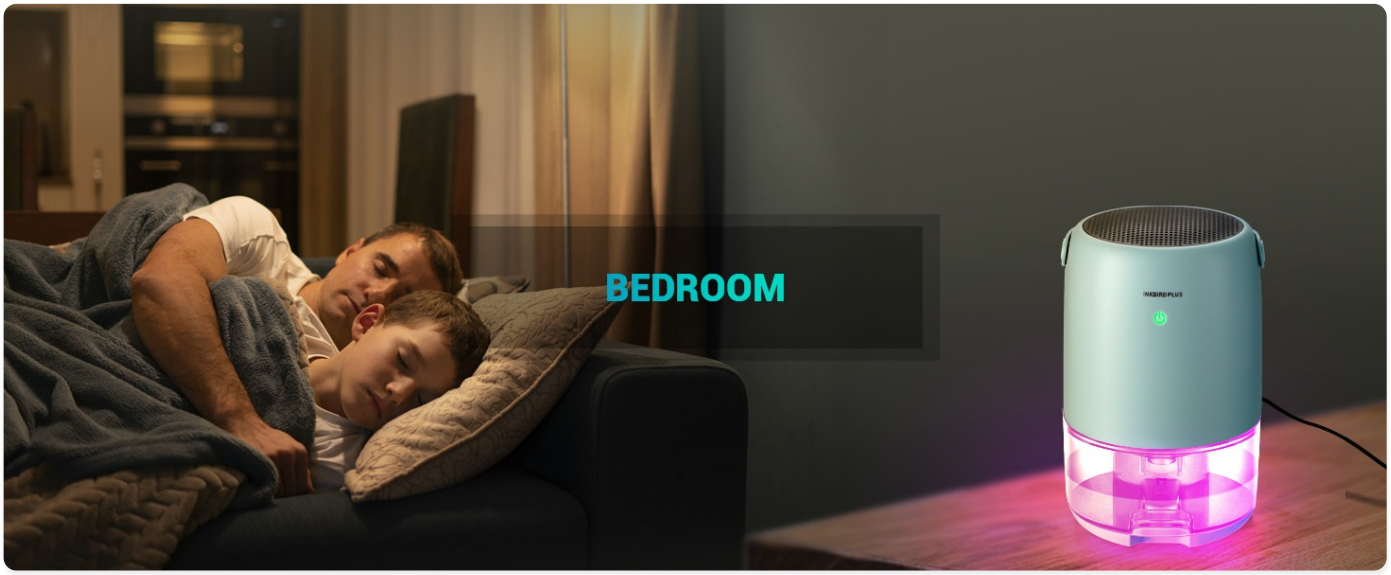

Figure 5.1: Visual guide to operating modes and indicator lights.

- **Standby Mode:** When connected to power, the button light will be blue. The device is not operating.
- **Normal Mode:** Touch the control button once. The button light will turn green, and the device will start working. The 7-color LED lights in the water tank will cycle through colors. Touch the button again to stop the color change and lock the current light color.
- **Sleep Mode:** From Normal Mode, long press the control button. The device will operate with reduced noise, and all lights will turn off for a peaceful environment.
- **Power Off:** Touch the control button again from Sleep Mode or Normal Mode to turn off the dehumidifier. The button light will return to blue (Standby).

5.2 Automatic Shut-Off

The dehumidifier is equipped with an automatic shut-off feature for safety and convenience.



Figure 5.2: Automatic shut-off indication when the water tank is full.

When the 1100ml water tank is full, the dehumidifier will automatically stop operating. The button light will turn red, and a buzzer will sound three times to alert you. To resume operation, empty the water tank and reinsert it correctly.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your dehumidifier.

6.1 Emptying the Water Tank

1. When the water tank is full, the unit will automatically shut off and indicate with a red light and beeps.
2. Carefully pull out the water tank from the bottom of the dehumidifier.

3. Pour out the collected water.
4. Slide the empty water tank back into the dehumidifier until it clicks into place. Ensure it is securely seated to prevent leaks and allow the unit to restart.

6.2 Cleaning the Dehumidifier

- **Exterior Cleaning:** Wipe the exterior of the dehumidifier with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Air Filter Cleaning:** The dehumidifier has a detachable mesh filter. Periodically remove and clean it to maintain airflow efficiency.
    a. Unplug the dehumidifier.
    b. Locate the mesh filter cover on the side/back of the unit and open it.
    c. Remove the mesh filter.
    d. Rinse the filter under running water or use a soft brush to remove dust.
    e. Allow the filter to air dry completely before reinserting it.
    f. Close the filter cover.
- **Water Tank Cleaning:** Clean the water tank regularly to prevent mold or mildew growth. Use mild soap and water, then rinse thoroughly.

7. Troubleshooting

If you encounter issues with your dehumidifier, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply. Water tank is full or not properly inserted. Power adapter or cord is damaged.	Check if the power adapter is securely plugged into the unit and the wall outlet. Empty the water tank and ensure it is correctly reinserted. Contact customer support if power components are damaged.
No water collected or low dehumidification.	Room humidity is too low. Ambient temperature is too low. Air inlet/outlet blocked. Dehumidifier is too small for the room size. Dirty air filter.	Dehumidifiers are most effective in environments with 80% humidity and 30°C. Ensure proper ventilation around the unit. Clean the air filter. Consider using in a smaller area.
Unit is noisy.	Unit not on a level surface. Air filter is dirty. Operating in Normal Mode instead of Sleep Mode.	Place the unit on a stable, level surface. Clean the air filter. Switch to Sleep Mode for quieter operation.

Problem	Possible Cause	Solution
Red light on, unit beeps, but water tank is not full.	Water tank not properly seated.	Remove and reinsert the water tank firmly until it clicks into place.

8. Specifications

Feature	Detail
Brand	INKBIRDPLUS
Model Number	Portable Dehumidifier
Dehumidification Capacity	Up to 300ml/day (at 30°C, 80% RH)
Water Tank Capacity	1100 Milliliters
Rated Power	40W
Operation Modes	Normal Mode, Sleep Mode
Noise Level	Less than 30dB (in Sleep Mode)
Special Features	7-Color LED Lights, Automatic Shut-off, Portable Design
Product Dimensions (D x W x H)	19D x 19W x 31H Centimeters
Item Weight	1.7 Kilograms
Included Components	INKBIRDPLUS Home Humidifier

9. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official INKBIRDPLUS website. Please have your model number (Portable Dehumidifier) and purchase date available when contacting support.

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