

## Limited Warranty

During warranty period please keep your invoice/warranty card(select countries).

The period of warranty includes the following:

- \* 5 years warranty for dehumidifier from date of purchase
- \* 2 years warranty for LED digital controller
- \* 1 year warranty for power adapter

Please check with your country's authorized dealer for most up-to date warranty information.

Warranty will be not provided under the following circumstances:

- 1)Product purchased from non-authorized dealers or without proof of official invoice.
  - 2)Damage resulting from accidents, misuse, abuse, alteration or tampering.
  - 3)Defects or damage due to wrong usage of electrical supply or voltage.
  - 4)Normal wear and tear, corrosion, rusting or stains.
  - 5)Damage caused by inappropriate maintenance or usage.
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# HINISO

## Dry Cabinet (LED Digital Control Series)

## Instructional Manual



## Introduction

Thank you for choosing Hiniso, the modern, energy saving and quiet electronic dry cabinet to preserve the value and quality of your photographic equipment, lenses and all moisture sensitive objects.

Our advanced thermoelectric desiccant technologies built into this cabinet, prevents microscopic fungi and corrosive damage stemming from excess environmental humidity, without the use of noisy compressors.

Please read this instructional manual before using your new dry cabinet.

### IMPORTANT NOTES BEFORE USE:

- For select models, cabinets are shipped with the door handle installed on the inside door to prevent damage. Using a screwdriver please help re-install the door handles correctly.
- Please keep the cabinet away from sunlight, high temperature, and heat sources. There should be a minimum of 5 inches away from the back wall to allow proper function.
- First remove all masking tape from the interior of the dry cabinet then adjust the shelves to desired height.
- We recommend not to place any heavy objects on top of the cabinet.
- The internal temperature of the cabinet cannot be controlled. The digital reading is only monitoring the internal temperature.
- On first time use or use after prolonged time, it is recommended to allow the cabinet to run 8 hours or more with no items inside to allow the humidity to reach optimal humidity faster.
- In order to ensure the best dehumidification results, ensure that the cabinet door is sealed tightly.
- It is a normal phenomenon that the internal humidity level will increase when the cooling air goes into the cabinet upon use (opening the door to remove/put into new items).
- Dehumidification time depends on ambient humidity, the humidity of the goods itself and the desired set value.

## Instructions

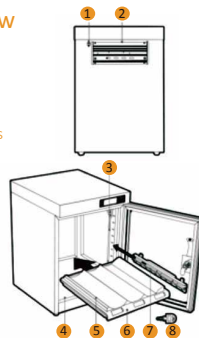
### Product Features

- Thermoelectric Cooling Technology developed in Japan is a quick and heatless process which protects your items from moisture, mildew, rust, mold, fungus, rust, oxidation, and even insects.
- Dehumidification is achieved through safe and silent operation with very low DC power consumption of less than 8, 15 or 30 watts. Suitable for worldwide usage.
- The dry cabinet can control the relative humidity level in the range of 25% to 60% RH, and the humidity control precision with  $\pm 5\%RH$ .
- Once programed, the cabinet operates automatically, activating only when internal humidity exceeds the set level and resuming when the internal humidity goes over 2% RH than set value.
- Temperatures can be displayed as Celsius or Fahrenheit.
- A LED convenience light illuminates the cabinet and turns on or off easily.

### Product Overview

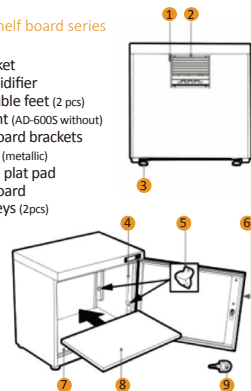
#### \* Plastic shelf board series

- 1: DC socket
- 2: Dehumidifier
- 3: LED light
- 4: Sponge flat pad
- 5: Sponge wave pad
- 6: Plastic shelf board
- 7: Slide way
- 8: Door keys (2pcs)



#### \* Metallic shelf board series

- 1: DC socket
- 2: Dehumidifier
- 3: Adjustable feet (2 pcs)
- 4: LED light (AD-600S without)
- 5: Shelf board brackets
- 6: Handle (metallic)
- 7: Sponge plat pad
- 8: Shelf board
- 9: Door keys (2pcs)



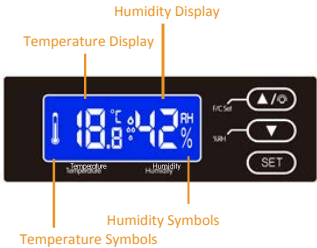
Instructions

Humidity Settings Reference Guide

Relative Humidity RH%	Articles
50%-60% Paper	Books, antiques, fax paper, copy paper, print paper
40%-50% Optical Instrument	Camcorders, laser encoded discs, computer devices, cameras, lenses, telescopes, microscopes, endoscopes, negatives, slides, audio tapes, microfilm, disk drives.
35%-40% Precision instrument and electronic products	Metal, nonmetal, metal powder products, electrical equipment, semiconductors, capacitors, printed circuit boards, IC, batteries and other electrical appliances, crystal, precision measuring tools, accessories, consumables, optics, lenses, chronometers, spectrometers and delicate objects.
Less than 30%	Pharmaceutical raw materials, spices, coating powder, powder materials, adhesives, seeds, pollen, desiccated flowers, insect preservation.

Instructions

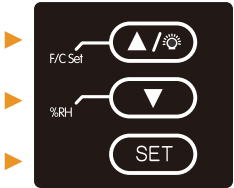
Control Panel



- \*The humidity symbols will flash continuously when the dry cabinet is working
- \*The humidity symbols remain on when dry cabinet reaches the programmed level.

Button function:

(F/C Set) , ( ▲/☀ ) : Fahrenheit and Celsius option, Humidity value increase and LED light switch button (%RH) , ( ▼ ) : Humidity set value check, Humidity value decrease, strengthen and weaken the display brightness button. (Set) : Humidity set and confirm value button



## Operation

### Power AC/DC Adapter



### DC Socket



1. Insert the DC adapter plug into the socket on the back of dry cabinet
2. Plug the AC plug of adapter into a power outlet (AC100-240V). The unit turns on automatically when the power is supplied. The humidity set value is set at 40% RH as a factory default. Please follow below steps to adjust the humidity level:
3. \*Press “▲” button twice, then you will see the humidity number (blue) flashes.
4. \*Press “▲” or “▼” button to increase or decrease the humidity value to the desired level.
5. \*Press “set” button to confirm the value.
6. The inside LED light can be turned on by pressing the “▲” button once. Press once again to turn off the LED light.
7. The temperature display can be changed from Celsius to Fahrenheit by holding the “▲” button for 3-5 seconds.
8. The set humidity value can be checked by pressing the “▼” button once. After about two seconds, the actual internal humidity level will be shown on the display.
9. The brightness level of the display can be varied by pressing the “▼” button for 3-5 seconds.

## Troubleshooting

Problem	Likely Cause	Solution
The LED display is powered off or turns dark	The AC adapter is disconnected	Connect the AC adapter
	The AC adapter has failed.	Replace the AC adapter
	The power supply device has damaged the main unit	Contact customer service for assistance
The internal humidity level is higher than the set level for a long time	The cabinet not sealed properly	Make sure the door is sealed tightly
	Ambient room temperature lower than 20°C or 68 °F may cause the controller to ice up	Placing the cabinet in the room temperature higher than 20°C or 68°F. Open the door for 5-10 mins
	The controller is damaged	Contact customer service for assistance

## Best practices

- Do not store any corrosive, dangerous, volatile or flammable products in cabinet.
- When storing food, medicine or chemicals, please ensure they are airtight and stored separately to avoid leakage of the chemical vapor damaging the dry cabinet.
- To avoid danger to self and damage to dry cabinet, do not attempt to remove the controller by yourself under any circumstances.
- Check the humidity display index and external conditions every 10 days for stability.
- Use a stable power source, to avoid damage to the AC/CD adapter, controller and display.