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> SINQUAN Portable Air Conditioner User Manual

SINQUAN JBN-001

SINQUAN Portable Air Conditioner User Manual

Model: JBN-001

1. PRODUCT OVERVIEW

The SINQUAN Portable Air Conditioner (Model JBN-001) is a versatile 3-in-1 device designed to function as a desktop cooling fan, a mini air conditioner, and an air humidifier. It features an upgraded 800ML water tank for extended humidification, rapid cooling technology, and a compact, portable design suitable for various personal spaces such as bedrooms, offices, or during outdoor activities.



Figure 1.1: The SINQUAN Portable Air Conditioner (Model JBN-001) with its included USB power cable and a visual representation of its cooling effect with ice cubes.

Key Features:

- **3-in-1 Functionality:** Operates as a cooling fan, mini air conditioner, and air humidifier.
- **Rapid Cooling:** Utilizes nebulizer and upgraded motor triple refrigeration technology for quick air temperature reduction.
- **Adjustable Airflow:** Manual up-down adjustment of blowing direction within 60 degrees.
- **Multiple Wind Speeds:** Three adjustable wind speeds (Low, Medium, High) with an additional Speed IV indicated by three lights.
- **Smart Timer:** Four automatic timing options (2/4/6/8 hours) for energy saving and convenience.
- **Mist Technology:** Three cool mist settings using atomization technology to moisturize the skin.
- **7-Color Night Light:** Integrated soft LED lights cycle through seven colors, creating an ambient atmosphere.
- **Large Water Tank:** 800ML capacity crystal box for extended operation without frequent refills.
- **Touch Screen Control:** Intuitive touch interface for easy operation.
- **Portable Design:** Compact size (9.8-inch height) with a portable leather handle for easy transport.

- **Multiple Power Options:** Can be powered by adapters, PCs, power banks, cell phone chargers, or car chargers via USB.
- **Low Noise Operation:** Operates at a low noise level (55 dB) for quiet use.

2. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before using the SINQUAN Portable Air Conditioner to ensure safe and proper operation. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Power Supply:** Use only a DC 5V 2A or above adapter. Do not use power sources that do not meet these specifications.
- **Water Usage:**
 - Do not overfill the water tank. Ensure the water level does not exceed the maximum fill line.
 - Always unplug the device before filling or emptying the water tank.
 - Do not add any chemicals, essential oils, or other substances to the water tank other than clean water or ice cubes. This can damage the unit and void the warranty.
 - Avoid spilling water on the electrical components of the unit.
- **Placement:**
 - Place the unit on a stable, flat surface to prevent tipping.
 - Do not block the air inlet or outlet. Ensure adequate clearance around the unit for proper airflow.
 - Keep the unit away from direct sunlight, heat sources, and flammable materials.
 - Do not use the unit in excessively humid environments, such as bathrooms, where it may come into contact with water.
- **Maintenance:**
 - Unplug the unit from the power source before cleaning or performing any maintenance.
 - Regularly clean the water tank to prevent mold and mildew growth.
 - Do not disassemble or attempt to repair the unit yourself. Contact qualified service personnel for repairs.
- **Children and Pets:** Keep the unit out of reach of children and pets. Do not allow them to play with or near the appliance.
- **General Safety:**
 - Do not insert fingers or foreign objects into the fan grille.
 - If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
 - Do not operate the unit if it has been dropped or damaged in any way.

3. SETUP

Follow these steps to set up your SINQUAN Portable Air Conditioner for the first time.

1. **Unpack the Unit:** Carefully remove the air conditioner and all accessories from the packaging. Ensure all components listed in the "Included Components" section (Portable Air Conditioner, USB Power Cord) are present.
2. **Place the Unit:** Select a stable, flat surface for the air conditioner. Ensure there is sufficient space around the unit for proper air circulation.
3. **Fill the Water Tank:**
 - Locate the water tank opening on the top of the unit.
 - Pour clean tap water into the 800ML crystal box. You can also add ice cubes for enhanced cooling.
 - Do not exceed the maximum fill line indicated on the tank.



Figure 3.1: Filling the 800ML water tank with water and ice for optimal cooling and humidification.

4. Connect Power:

- Connect the provided USB power cord to the Type-C port on the back of the air conditioner.
- Connect the other end of the USB cable to a compatible power source (DC 5V 2A or above adapter, PC, power bank, car charger, etc.).

USB POWER SUPPLY AND PORTABLE LEATHER HANDLE

Please use DC 5V 2A or above adapter



Figure 3.2: The unit can be powered via USB Type-C from various sources, requiring a DC 5V 2A or above adapter (not included).

4. OPERATING INSTRUCTIONS

Learn how to use the various functions of your SINGUAN Portable Air Conditioner.

Control Panel Overview:

The unit features a touch screen control panel with intuitive icons.

3-IN-1 MINI AIR CONDITIONER

THREE WIND SPEEDS



Low Speed



Medium Speed



High Speed



Normal Wind Mode
(No Water)

Water Mist Mode
(Add Water)

Cooling Mode
(Add Ice Water)

Figure 4.1: The three operational modes of the air conditioner: Fan, Humidifier, and Cooler.

Basic Operation:

- Power On/Off:** Press and hold the power button () for 3 seconds to turn the unit on or off. A short press will cycle through modes.
- Adjust Wind Speed:** Press the fan speed button () to cycle through 3 wind speeds (Low, Medium, High). When all three indicator lights are illuminated, it signifies Speed IV (highest setting).
- Activate Mist Function:** Press the water droplet button () to activate the atomizing function. Touch this switch repeatedly to cycle through three cool mist speeds.
- Set Timer:** Press the timer button () to set the automatic shut-off timer. Available settings are 2, 4, 6, or 8 hours.
- Control Night Light:** Press the light button () to turn on the 7-color night light. Press again to cycle through colors or turn off.
- Adjust Airflow Direction:** Manually adjust the front grille up or down to direct the airflow within a 60-degree range.

2-8HOURS SMART TIMER FUNCTION

Have a sweet sleep in coolness and silence



2/4/6/8H Timer



Low 55dB

Figure 4.2: The smart timer function allows for setting operation duration from 2 to 8 hours, contributing to energy saving and undisturbed sleep.

7-Color Night Light

Independently control the lighting allowing you to personalize and create a cozy atmosphere at your whim.



Figure 4.3: The integrated 7-color night light can be independently controlled to personalize your environment.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your SINGUAN Portable Air Conditioner.

Cleaning the Water Tank:

To prevent mold, mildew, and unpleasant odors, it is crucial to clean the water tank regularly, especially if using the misting function frequently.

1. **Unplug the Unit:** Always disconnect the power cord before cleaning.
2. **Empty Water:** Carefully empty any remaining water from the 800ML tank.
3. **Clean Tank:** Use a soft cloth or sponge with mild soap and warm water to clean the inside of the water tank. For stubborn residue, a diluted vinegar solution (1 part vinegar to 1 part water) can be used.
4. **Rinse Thoroughly:** Rinse the tank thoroughly with clean water to remove any soap or vinegar residue.
5. **Dry:** Allow the water tank to air dry completely before refilling or storing the unit.

Cleaning the Exterior:

Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the surface.

Storage:

If storing the unit for an extended period, ensure the water tank is completely empty and dry. Store the unit in a cool, dry place away from direct sunlight.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your SINQUAN Portable Air Conditioner.

Problem	Possible Cause	Solution
Unit does not turn on.	<ul style="list-style-type: none">• Not properly connected to power.• Power button not pressed correctly.• Insufficient power supply (less than DC 5V 2A).	<ul style="list-style-type: none">• Ensure the USB cable is securely connected to both the unit and the power source.• Press and hold the power button for 3 seconds to turn on the unit.• Use a power adapter that provides at least DC 5V 2A.
No cool air or mist.	<ul style="list-style-type: none">• Water tank is empty.• Mist function not activated.• No ice added for cooling.	<ul style="list-style-type: none">• Refill the water tank with clean water.• Press the water droplet button () to activate the mist function.• Add ice cubes to the water tank for enhanced cooling.
Unit produces unusual noise.	<ul style="list-style-type: none">• Unit not on a stable surface.• Obstruction in the fan.	<ul style="list-style-type: none">• Place the unit on a flat, stable surface.• Unplug the unit and check for any foreign objects obstructing the fan blades.
Water tank develops mold/odor.	<ul style="list-style-type: none">• Infrequent cleaning.• Stagnant water.	<ul style="list-style-type: none">• Clean the water tank regularly as per maintenance instructions.• Empty and dry the tank if the unit will not be used for an extended period.

7. SPECIFICATIONS

Feature	Detail
Brand	SINQUAN
Model Name	JBN-001
Mounting Type	Freestanding

Feature	Detail
Special Features	Fast Cooling, Adjustable Speed, Portable, Timer
Color	White
Controls Type	Touch
Reservoir Capacity	800 Milliliters
Recommended Uses	Commercial, Residential
Included Components	Portable Air Conditioner, USB Power Cord
Noise Level	55 dB
Number of Speeds	3
Product Dimensions (D x W x H)	5.9" x 6.6" x 10"
Voltage	5 Volts
Item Weight	1.98 pounds

8. WARRANTY AND SUPPORT

Warranty Information:

The SINQUAN Portable Air Conditioner (Model JBN-001) comes with a **2-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, unauthorized modification, or failure to follow the instructions in this manual.

Customer Support:

For technical assistance, warranty claims, or any questions regarding your SINQUAN Portable Air Conditioner, please contact the manufacturer's customer support. Refer to your purchase documentation or the retailer's website for specific contact details. When contacting support, please have your product model number (JBN-001) and purchase date available.