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KEGIAN D068F

KEGIAN 55-Pint Smart WiFi Dehumidifier D068F User Manual

Model: D068F

Introduction Safety Setup Operation Maintenance Troubleshooting Specifications

1. Introduction

Thank you for choosing the KEGIAN 55-Pint Smart WiFi Dehumidifier. This appliance is designed to efficiently remove excess moisture from the air, creating a more comfortable and healthier environment in your home, basement, or large rooms up to 5000 sq. ft. This manual provides essential information for the safe operation, installation, maintenance, and troubleshooting of your dehumidifier. Please read it thoroughly before use and retain it for future reference.



Figure 1.1: KEGIAN 55-Pint Smart WiFi Dehumidifier D068F

2. Safety Information

To prevent injury to the user or others and property damage, the following instructions must be followed. Incorrect operation due to

ignoring instructions may cause harm or damage.

General Safety Precautions

- Always operate the unit on a grounded power outlet.
- Do not operate the unit with a damaged power cord or plug.
- Do not block the air intake or exhaust vents.
- Keep the unit at least 8 inches (20 cm) away from walls or other objects.
- Do not use the unit in areas where flammable gases or combustible materials are present.
- Unplug the unit before cleaning or performing any maintenance.
- Do not allow children to play with the dehumidifier.
- Ensure the water tank is correctly installed before operating.

3. Package Contents

Verify that all items are present in the package:

- KEGIAN 55-Pint Smart WiFi Dehumidifier
- Drain Hose (3.26 ft)
- User Manual

4. Product Overview

Key Features

- **High Capacity:** Removes up to 55 pints of moisture per day, suitable for areas up to 5000 sq. ft.
- **Smart APP Control:** Manage settings, modes, and schedules remotely via WiFi.
- **Quiet Operation:** Operates at a low noise level of 35dB, ideal for bedrooms and living spaces.
- **Dual Drainage Options:** Features a 4.5L removable water tank with auto shut-off and a continuous drain hose option.
- **Multiple Modes:** Includes Auto, Sleep, and Continuous (CONT) modes for various needs.
- **Washable Filter:** Reusable filter for easy maintenance and improved air quality.
- **Portability:** Equipped with 360° casters and hidden handles for easy movement.
- **Smart Display:** Dual LED display shows real-time humidity and temperature, with a color-changing indicator ring for air quality.

Component Identification

Familiarize yourself with the main parts of your dehumidifier:



Figure 4.1: Control Panel and Smart Control Interface

- **Control Panel:** Located on the top, with touch buttons and an LED display.
- **Air Intake Grille:** Located on the rear/sides, where air enters the unit.
- **Air Outlet:** Located on the top, where dry air is expelled.

- **Water Tank:** Removable tank at the bottom front for collecting condensed water.
- **Continuous Drain Outlet:** Located on the rear for connecting the drain hose.
- **Casters:** Wheels at the base for easy mobility.
- **Air Filter:** Located behind the air intake grille.

5. Setup

Placement

- Place the dehumidifier on a flat, stable surface.
- Ensure there is at least 8 inches (20 cm) of space around the unit for proper airflow.
- Avoid placing the unit near heat sources or in direct sunlight.
- For optimal performance, close all doors and windows in the room where the dehumidifier is operating.

Power Connection

- Plug the power cord into a grounded electrical outlet (115V, 60Hz).
- Do not use extension cords or adapter plugs.

6. Operating Instructions

Control Panel Functions

- **Power Button:** Press to turn the unit ON or OFF.
- **Mode Selection:** Cycle through AUTO, SLEEP, and CONT (Continuous) modes.
- **Humidity Adjust Setting:** Use the '+' and '-' buttons to set the desired humidity level (30-80% RH).
- **Fan Speed:** Adjust fan speed (High/Low) in AUTO and CONT modes.
- **24 Hours Timer:** Set a timer for automatic ON/OFF operation.
- **Child Lock:** Press and hold to lock/unlock the control panel.

Operating Modes

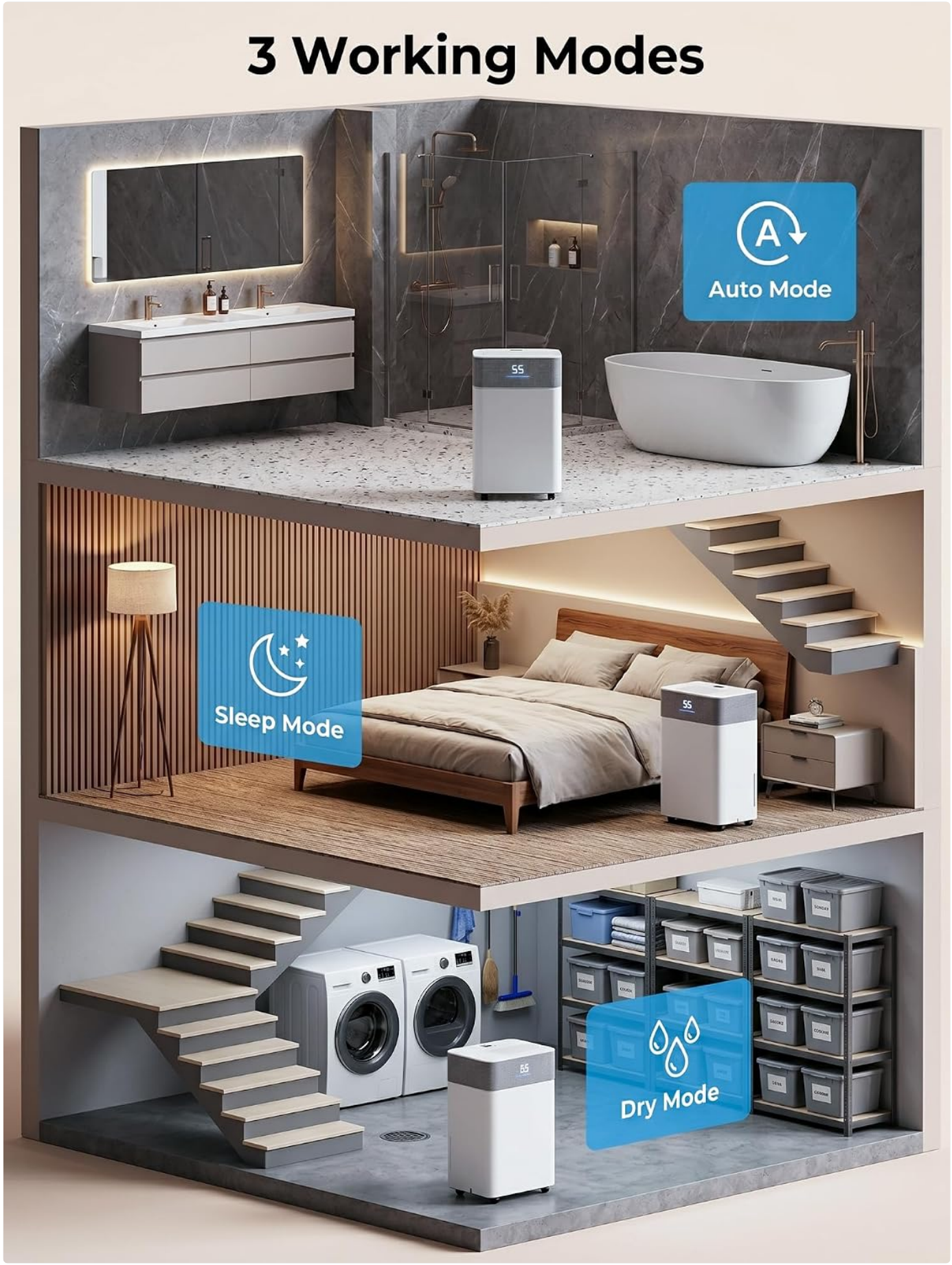


Figure 6.1: Three Working Modes

- **AUTO Mode:** The unit automatically adjusts operation based on the ambient humidity. If environmental humidity is 3% higher than the set humidity, the fan and compressor start. If it's 3% lower, the compressor stops.
- **SLEEP Mode:** Designed for quiet operation. The display lights dim, and the fan speed cannot be adjusted.

- **CONT (Continuous) Mode:** The unit runs continuously, regardless of ambient humidity. Fan speed cannot be adjusted in this mode. Ideal for drying laundry or very damp areas.

Smart WiFi App Control

The KEGIAN dehumidifier features WiFi connectivity, allowing you to control it remotely via a smartphone app. Refer to the separate app instruction guide for detailed pairing and usage instructions. The app enables you to:

- Turn the unit ON/OFF.
- Adjust desired humidity levels.
- Switch between operating modes.
- Set and manage timers.
- Monitor current humidity and temperature.

7. Drainage Options

Your dehumidifier offers two methods for water removal:

A. Manual Drainage (Water Tank)

When the 4.5L water tank is full, the unit will automatically shut off, and an indicator light will illuminate. To empty the tank:

1. Gently pull out the water tank from the front of the unit.
2. Carefully carry the tank to a sink or drain.
3. Pour out the collected water.
4. Replace the empty water tank firmly back into the unit until it clicks into place. The unit will resume operation.

B. Continuous Drainage (Drain Hose)

For continuous operation without needing to empty the tank, use the included drain hose.

1. Locate the continuous drain outlet on the rear of the dehumidifier.
2. Remove the rubber stopper from the drain outlet.
3. Connect one end of the provided 3.26 ft drain hose to the outlet. Ensure a secure connection to prevent leaks.
4. Direct the other end of the hose to a suitable drain (e.g., floor drain, large bucket, sink). Ensure the hose is sloped downwards to allow gravity drainage.
5. Once connected, the unit will continuously drain water, bypassing the internal tank.

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Video 7.1: Demonstrating water tank removal and continuous drain hose connection.



Figure 7.2: Manual and Continuous Drainage Options

8. Maintenance

Regular maintenance ensures optimal performance and longevity of your dehumidifier.

Cleaning the Air Filter

The washable filter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Locate the air filter behind the air intake grille (usually on the rear or side).
3. Gently pull out the filter.
4. Wash the filter with clean water (not hotter than 104°F / 40°C) and a mild detergent.
5. Rinse thoroughly and allow the filter to air dry completely before reinstalling. Do not expose to direct sunlight.
6. Reinsert the dry filter into the unit.

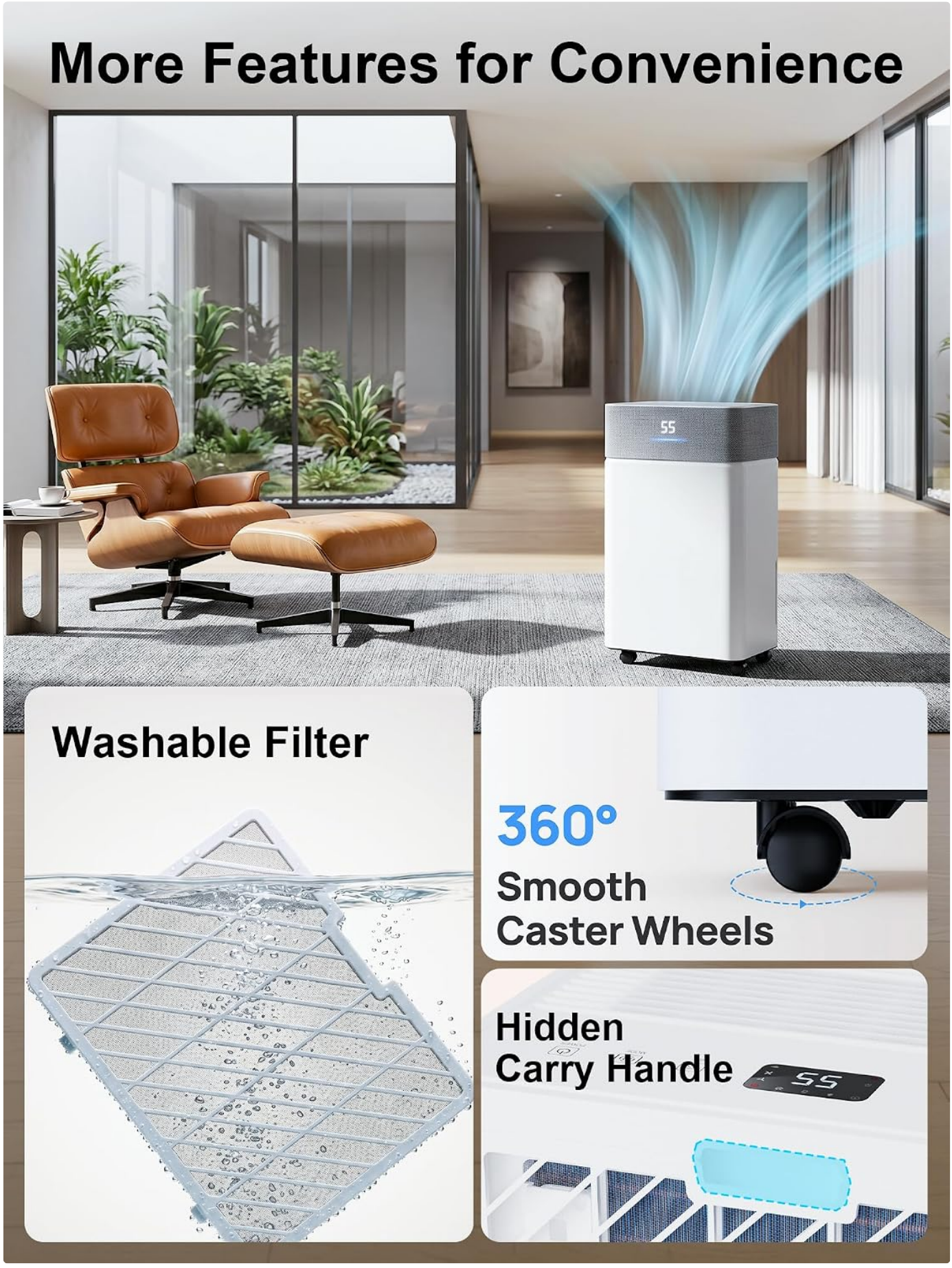


Figure 8.1: Washable Air Filter

Cleaning the Water Tank

Clean the water tank regularly to prevent mold and mildew growth.

- Remove the water tank as described in the drainage section.

- Wash the tank with clean water and a mild detergent.
- Rinse thoroughly and dry before replacing.

Unit Exterior Cleaning

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

9. Troubleshooting

Before contacting customer service, please refer to the following table for common issues and solutions.

Problem	Possible Cause	Solution
Unit does not turn on	No power; Water tank full or incorrectly installed; Child lock engaged.	Check power connection; Empty and re-install water tank; Deactivate child lock.
No water collected	Ambient humidity too low; Temperature too low; Air filter clogged; Unit in continuous drain mode.	Increase desired humidity setting; Ensure room temperature is above 41°F (5°C); Clean air filter; Check if drain hose is properly connected and sloped.
Unit is noisy	Unit not on a level surface; Air filter clogged; Obstruction in fan.	Place on a flat, stable surface; Clean air filter; Check for and remove any obstructions.
WiFi connection issues	Incorrect network password; Router too far; App not updated.	Verify WiFi password; Move unit closer to router; Update app to latest version; Refer to app manual for specific pairing steps.

10. Specifications

Feature	Detail
Brand	KEGIAN
Model Name	Dehumidifier (D068F)
Dehumidification Capacity	55 Pints/Day (at 95°F, 90% RH)
Coverage Area	Up to 5000 sq. ft.
Water Tank Capacity	4.5 Liters
Noise Level	35dB
Voltage	115V AC
Wattage	115 Watts
Product Dimensions (D x W x H)	9.26" x 12.02" x 19.46"

Feature	Detail
Item Weight	27.6 pounds
Material	Acrylonitrile Butadiene Styrene (ABS), Plastic
Special Features	Smart APP Control, Child Lock, Sleep Mode, Portable, LED Power Indicator, Removable Tank, Auto Defrost, Adjustable Humidity Control, Ergonomic Handle, Washable Filter, Timer, Water Level Indicator, Continuous Draining

11. Warranty and Customer Support

For warranty information, technical support, or any questions regarding your KEGIAN dehumidifier, please contact KEGIAN customer service. Refer to the product packaging or the official KEGIAN website for contact details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question