Super Gateway RF User Guide

Bring compatible RF equipment into a familiar smart home.



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For the RF-C01 Matter over Wi-Fi version. Read the power, compatibility and safety requirements before use. Keep this guide for reference.

Before you begin.

Package and power

Gateway ×1 and USB cable ×1. Connect the USB-C input to a compliant DC 5V/1A supply. Check your actual package for power-adapter inclusion.

Check the receiving device

- Record the remote and receiver brand, model, 315/433 MHz frequency and coding method.
- Confirm that the gateway firmware and target platform support the required device type and actions.
- A matching frequency does not establish compatibility. Rolling codes, encryption and proprietary protocols require specific verification.

Placement and safety

Place the gateway indoors on a stable, dry, ventilated surface, away from liquids, heat and large metal obstructions. Do not open it, connect mains power directly or expose the USB connector to moisture. Disconnect power and contact JINK if damaged, abnormally hot or emitting an unusual smell.

Retain the receiving equipment’s safety, limit and anti-pinch protections. Keep people and objects clear of the travel area during operation.

Scan. Add to your home.

This model uses the standard Matter add-accessory flow. Labels and screens vary by platform; follow the current app guidance.

1. Prepare this gateway’s Matter QR or numeric pairing code, a 2.4 GHz Wi-Fi network and a compatible controller for the target platform. Update the app and operating system.
2. Connect USB-C 5V/1A power and ensure the gateway is in its pairing state. Keep the pairing code and do not publish the device-specific code.
3. Choose Add device or Add accessory in the target platform. Scan this gateway’s Matter code, select the network when prompted and finish adding it.
4. Assign the room and device name, and check that the gateway is online. Continue configuring RF learning channels: pairing the gateway does not mean every RF command has been learned.
5. For another platform, use the connected platform’s Matter sharing or pairing option to obtain an applicable code, then follow the destination platform’s guidance.

> RF-C01 uses Wi-Fi; do not treat it as a Thread border router. Remote access, geofencing and automation require the target platform’s controller, network and permission conditions.

If pairing fails

Check power, the 2.4 GHz network, pairing code and controller support. If already paired, use the original platform’s sharing flow first. Confirm the model-specific method before re-pairing or resetting.

A channel. A clear purpose.

There are 10 learning channels. The workflow below follows the channel, accessory-type, action, learning and sending sequence in the JINK tutorial. Menu labels vary by firmware.

1. Open the RF-learning interface for the installed firmware, using this gateway’s supplied or network-discovered address. Do not copy an address from another unit.
2. Select a free channel and the matching accessory type, such as switch, curtain or fan. Check the purpose of any already-configured channel.
3. Select the action to learn, such as open/on, close/off or stop. Configure only actions supported by both the receiver and the gateway.
4. Start learning, then press the matching button on the original remote within effective reception range. Check whether the interface records a result. Follow the receiver and interface guidance for the button action.
5. Use Send command or the matching control action and observe the physical receiver. If it fails, check frequency, coding, distance and the selected action before learning again.
6. Repeat learning and send verification for every required action. Record channel, room, device type and action, then check the controls exposed in the target platform.

Do not treat a software state, timed estimate or successful-send message as physical-position feedback. Percentage positioning depends on the receiver, travel setup and platform, and is not available for every learned device.

Routines start with verification.

Fan-lights, drying racks, shades, window openers and garage doors are application examples, not a universal compatibility list. Confirm actions with the original remote, then test the physical response to learned commands.

Remote access and geofencing

These features are supplied by the chosen platform and require its connected controller, account, location permissions and other conditions. Automatic garage opening needs a separate assessment of door safety, sensors and platform rules. The gateway does not replace the opener’s safety controls.

Matter

Matter is an IP-based common connectivity standard supporting local-network communication and multi-platform administration between compatible devices and systems. This model uses Matter over Wi-Fi; available controls depend on the device type, gateway configuration and platform.

Apple Home and Google Home are connection options identified in the supplied material. Alexa and SmartThings are Matter platform examples; confirm this firmware and function mapping.

Official connection guidance

Matter ↗

Apple Home ↗

Google Home ↗

Amazon Alexa ↗

Samsung SmartThings ↗

Reliable use starts with the right setup.

No RF response: check that the original remote still works, then verify channel, action, coding and the learned result. Test near the receiver, away from metal obstructions. Missing platform controls: verify firmware, device type and platform support. Gateway offline: check power, router and platform controller.

Disconnect power before wiping with a dry, soft cloth. Do not spray, immerse or use corrosive cleaners. Before resetting or clearing learned settings, record your configuration and obtain the method for this firmware from JINK; this guide does not assume a universal button duration.

Model	RF-C01
Network	2.4 GHz Wi-Fi
Protocol	Matter over Wi-Fi
RF bands	315 MHz / 433 MHz
Learning channels	10
Power / connector	DC 5 V / 1 A · USB-C
Dimensions	50 × 50 × 10 mm
Operating temperature	-10°C ~ 55°C
Open-field RF range	≤100 m
In the box	1 × RF gateway · 1 × USB cable

RF range is an open-field reference under suitable conditions; test indoors. For support, provide RF-C01, firmware version, receiver model and symptoms. Warranty coverage follows the actual order and JINK after-sales policy.

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