

Zigbee Range Extender

A step-by-step guide to installing and positioning your repeater for a flawless smart home network.

- USB Powered
- Plug & Play
- Extends Signal Range
- Requires Gateway

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1. Product Overview

The HALO Repeater / Range Extender is designed to strengthen and extend your Zigbee network, ensuring reliable communication between all HALO smart devices.

It improves signal coverage, reduces weak spots, and enhances overall system responsiveness across your home. Once installed, the repeater works automatically in the background to support your Zigbee network—no ongoing setup or control is required.



Mesh Network

Zigbee devices create a "mesh" where they talk to each other. This device extends that mesh further.

2. Installation

No Wiring Required

This device simply plugs into any standard USB port. No electrical wiring or configuration is required to power it on.

2.1 Powering the Repeater

Plug the repeater into any **USB power source**:

- USB wall adapter
- Integrated USB wall socket
- Power bank

The device will power on automatically when connected.

2.2 Positioning

Place the repeater **between your gateway and weaker signal areas**.

Ideal:

- Hallways
- Landings
- Midpoints

Avoid:

- Metal enclosures
- Behind obstacles

3. App Setup (VIVÖE App)

1

Add the Device

- Open the **VIVÖE app**.
- Go into your Hub or Gateway device.
- Select **"Add Devices"** then **"Add New Device"**.
- Select **Zigbee Device / Repeater**.
- Ensure your Zigbee gateway is online and power on the repeater.

2

Pairing

The repeater will automatically enter pairing mode when it is first powered on.

- Wait for the device to appear in the app.
- Confirm and assign it to a room.

✓

Once paired, no further setup is needed!

4. Device Behaviour

An Invisible Helper

- The repeater **automatically extends** your Zigbee network.
- It helps **route signals** securely between devices and the gateway.
- Improves reliability and drastically **reduces communication delays**.

No manual controls or settings required — works continuously in the background.

5. Placement Tips

For best performance and an unbreakable smart home network, follow these guidelines:



Distance Matters

Keep the repeater within **10–20 metres** of other smart devices.

Position it roughly **midway** between your main gateway and the problem areas experiencing weak signal.



Large Properties

Place repeaters evenly throughout the property.

Use additional repeaters for larger homes, properties with thick stone walls, or homes spanning multiple floors.

Mesh Network Rule: Zigbee devices create a mesh network where they share the connection. Therefore: **More Repeaters = Stronger, Faster Network.**

6. LED Indicators

●

On

Device powered & active

●

Flashing

Pairing mode

●

Off

No power

7. Troubleshooting

Issue	Solution
Device Not Appearing in App	
Weak Signal Still Present	
Device Offline	



Issues with product?

Visit our Help Hub for further troubleshooting, FAQs, or to contact our customer support team directly at the link below:

www.ledspace.co.uk/pages/help-hub?product=halo-zigbee-repeater-range-extender