

# Operation instructions

## USER'S MANUAL



# Professional wireless intercom

PROFESSIONALFMTRANSCEIVER

Welcome to use the 900U Mini Repeater.  
This product is a breakthrough innovation  
of traditional repeaters:

Mini-sized: Integrates compact and stylish elements

Portable: Suitable for various environments

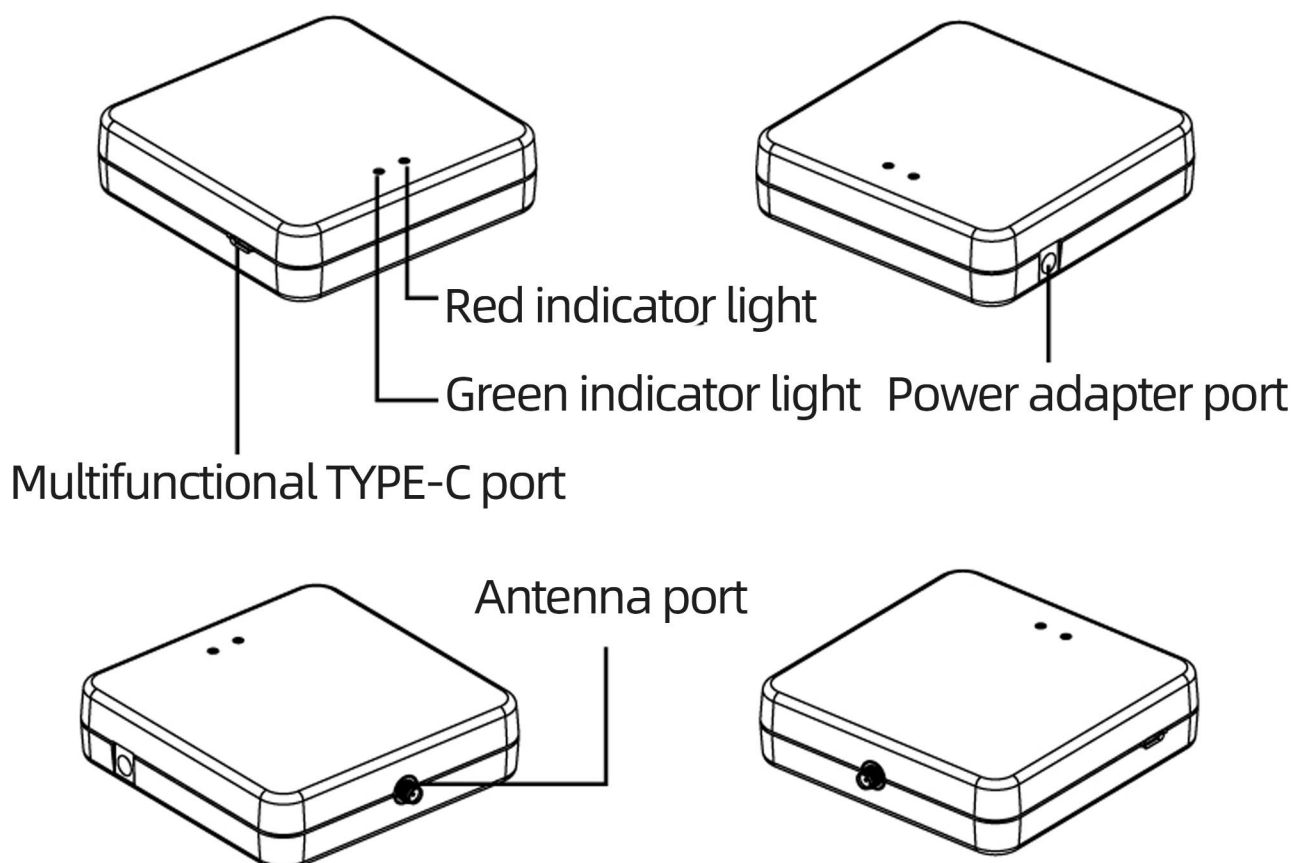
Plug-and-play: No professional installation required

Multifunctional TYPE-C port: Supports external expansion

and secondary development IP interconnection support:

Enables 500km communication (optional version)

## Device Introduction:



## Usage Overview:

Place the repeater in an indoor area or an outdoor open area with waterproofing (ensure there is space to fully extend the antenna).

Attach the antenna, then fold and extend it.

Plug in the power adapter (use the included standard adapter) — the red power light will flash once.

In standby mode: Neither the green nor red indicator lights up. When the repeater receives a signal:

The green indicator stays lit.

When the repeater transmits: The red indicator stays lit.

## Technical Specifications:

Power Adapter Specification: 12V/3A

Transmit Current: 1.4A

Transmit Power: 5.0W

Device Dimensions: 100mm x 100mm x 26mm

Antenna Length: 375mm (stretched, foldable)

Receive Frequency: 430.000MHz  $\pm$  2MHz

Transmit Frequency: 460.000MHz  $\pm$  2MHz

Receive Sensitivity: 0.22uV@12.5kHz, 0.2uV@20/25KHz typical