



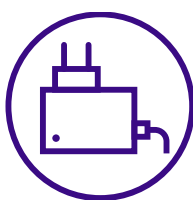
## Specifications

Uplink frequency	1920-1980 MHz	Downlink frequency	2110-2170 MHz
Indoor coverage	800 m <sup>2</sup>	Impedance	50 Ω
VSWR	≤ 2.0	I/O Ports	N Female
Uplink Gain	65 dB	Power Supply	AC 100~240V to DC 9V/5A
Downlink Gain	70 dB	Operating t °C	-30 / +55
Output Power	≥ 23 dBm	Operating Humidity	5 - 95 % Noncondensing
Manual Gain Control	≥ 15 dB / 5 dB step	IP Rating	IP40
Automatic Level Control	≥ 20 dB	Dimensions	200*130*30mm
Automatic Shut Off	after 20 dB	Weight	0.8 kg

## Package



Lance 800 3G



Power supply



User manual



3G



Free Support



Conformity to CE and RoHS standards



Coverage: 800 m<sup>2</sup>



3-year warranty & service



3-7 business day delivery



Frequency: 2100 Mhz



30-day return policy

## Need Help?

support@rangeful.com

+ 371 25 444 666

# Product description

Lance 800 3G is the most advanced mobile repeater that strengthens weak 3G signals at 1 frequency.

## Coverage area

Lance 800 3G amplifies signals in premises and areas of up to **800 m<sup>2</sup> (8611 ft<sup>2</sup>)**.

## Signal types supported

**The 1-band booster is used to amplify mobile signals at 1 frequency: 3G signals at 2100MHz.**

- 3G signals at 2100 MHz frequency. 2100 MHz (Band 1) is the most popular 3G UMTS frequency band worldwide.

## Benefits and features

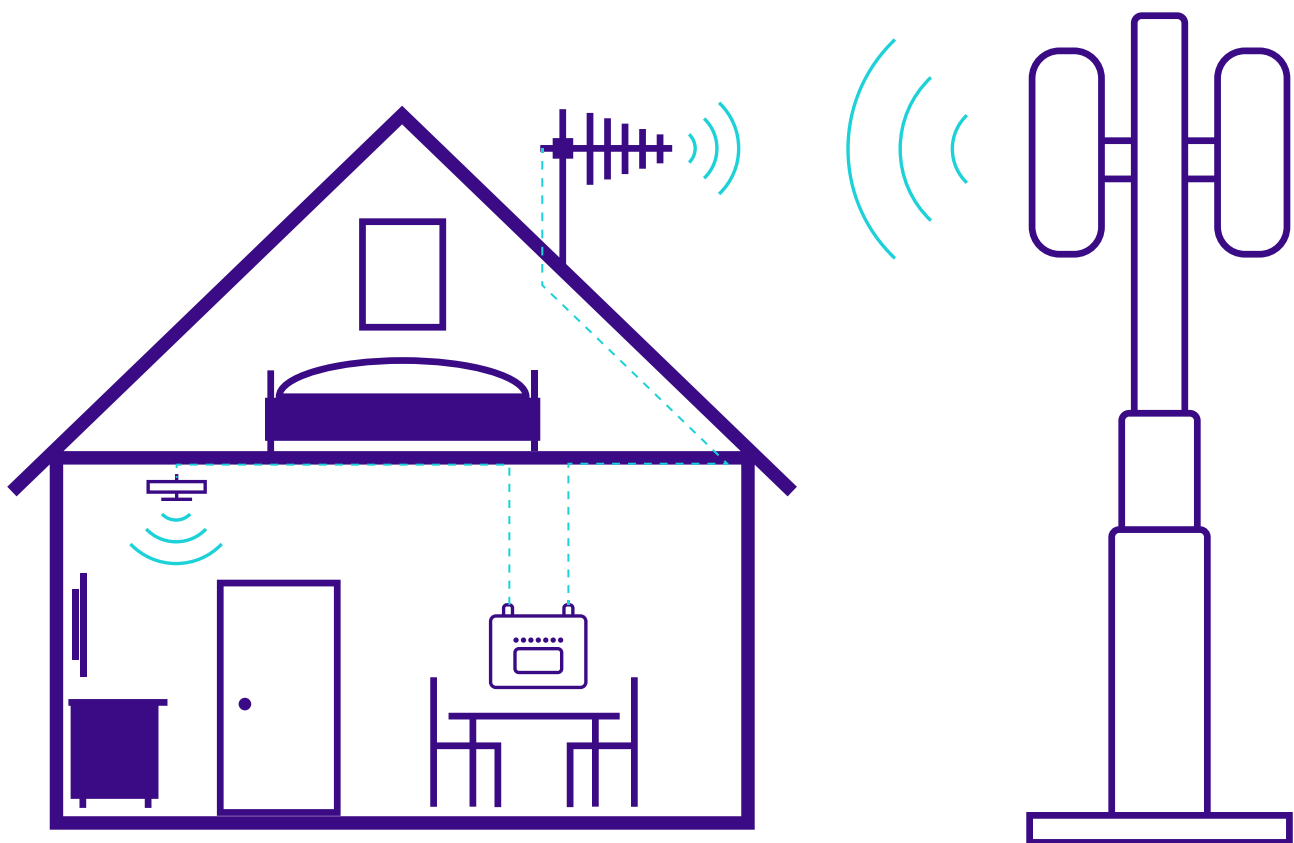
**The Lance 800 3G amplifier is efficient and easy to use and has the following features:**

- LCD displays signal strength, settings and error notifications.
- Sleep mode to save energy and money. The booster will automatically enter sleep mode when there are no incoming and outgoing calls or data.
- The amplifier automatically detects and adjusts the input signal.
- Compact, laconic design, lightweight, and high-tech LCD screen.  
The Lance 800 3G amplifier provides stable signal of GPRS and EDGE network, as well as LTE of the most operators.

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# Installation guide



1. Find an appropriate position for an outdoor antenna.
2. Connect the outdoor antenna to the repeater to the "Outdoor" connector and fasten tightly.
3. Connect the indoor antenna to the repeater from "Indoor" side and fasten tightly.
4. Connect the power supply to the repeater.
5. Switch on the repeater. If the Power LED on the repeater turns on it means the installation has been implemented correctly.
6. Test the signal of your mobile telephone – a maximum quantity of bars should be indicated on the display of your phone in each corner of the location within repeater coverage zone. In case the mobile signal is still unstable try to change the position of the outdoor antenna for more proper one.

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