

# Tri-Band Home Repeater Kit



Up to 1,000m sq | Voice/3G/4G  
AGC/ALC

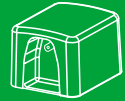


Black or White Colour

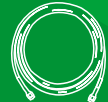


LCD Display

Antenna  
DC 5V



Outdoor Antenna



Cable

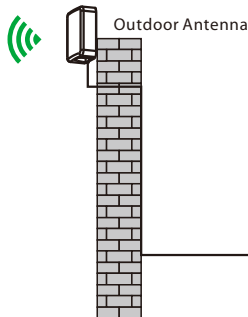
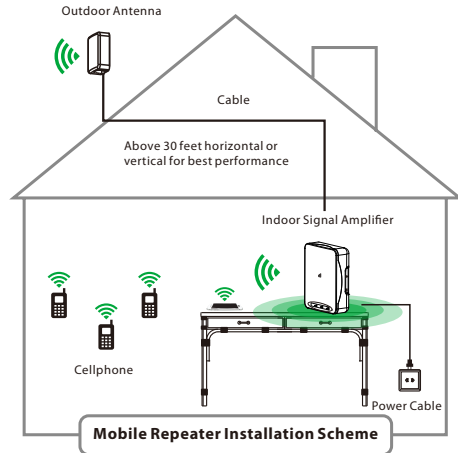
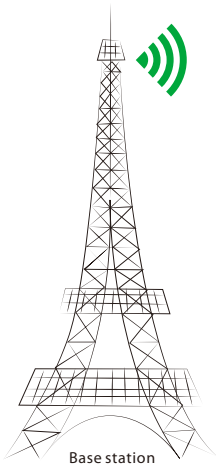


Power Adapter

Model Number	Network standard	Uplink	Downlink
LB-1-3-8B	Band 1	1920-1980MHz	2110-2170MHz
	Band 3	1710-1785MHz	1805-1880MHz
	Band 8	890-915MHz	935-960MHz
LB-2-4-5B	Band 2	1850-1910MHz	1930-1990MHz
	Band 4	1710-1755MHz	2110-2155MHz
	Band 5	824-849MHz	869-894MHz

## Product features

- ◆ Small size, easy installation
- ◆ Higher uplink / downlink isolation
- ◆ Faster data downloads
- ◆ Reasonable heat dissipation
- ◆ Receiving amplifier tube with the ultra low noise
- ◆ Automatic level control technology
- ◆ Improved indoor cellular voice and data signal
- ◆ Up to 2 hours additional talk time in weak-signal areas



Indoor Signal Amplifier

Band BB In: BB dB Out: BB dBm	Band BB In: BB dB Out: BB dBm	Band BB In: BB dB Out: BB dBm
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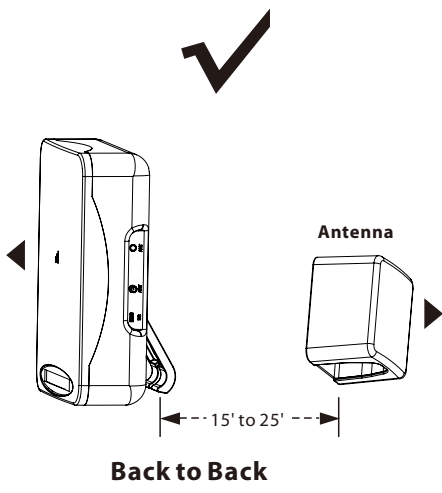
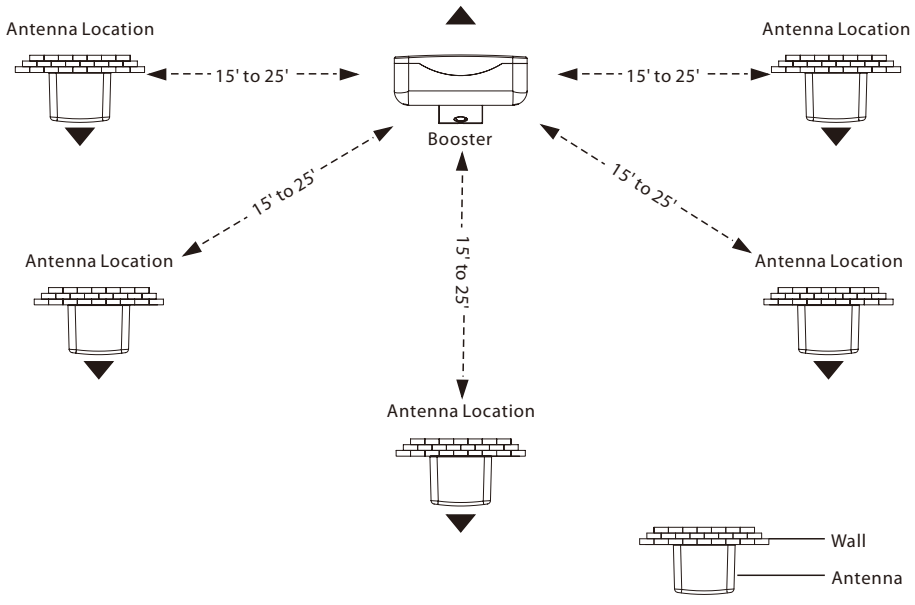
Normal: Screen displays values.

Product self excitation: Screen flicker, The outdoor antenna is too close to the Indoor Signal Amplifier

Power Cable

## Installation Steps

1. Install the outdoor antenna and ensure that the position can receive a better signal.
2. Use the outdoor antenna to connect the Indoor Signal Amplifier through coaxial line.
3. Adjust the Indoor Signal Amplifier position and ensure that the distance between the Indoor Signal Amplifier and the outdoor antenna is more than 30 feet horizontal or vertical.
4. Connect the Power Supply on the side of the Indoor Signal Amplifier.
5. Reboot the telephone to check whether the signal situation becomes good or not. If not, please adjust the position of the outdoor antenna.
6. Try to make call to see whether the communication signal by phone is clear and fluent or not. Adjust the indoor and outdoor antenna position depending on the circumstances.



## Installation Notes

- A、 When installing the outdoor antenna, it's position should be able to receive a good signal.
- B、 The re-transmission signal of indoor amplifier can't be received by outdoor antenna.  
Ensure that the distance between the Indoor Signal Amplifier and the outdoor antenna greater than 30 feet horizontal or vertical.
- C、 Indoor amplifier is for indoor use only .Please avoid moisture and water.

## Warning:

1. Please read the installation instructions and precautions before installation. Misuse can result in equipment damage.
2. All device interfaces are charged. Don't touch water!
3. Outdoor antenna is our special product. Never attempt to add another antenna.
4. Reconstruction or connection to other brands of the power adapter without permission is prohibited !

Technical Parameters		
Items	Uplink	Downlink
Max.Gain	> 55 dB	> 55dB
Automatic Gain Control	> 20dB	
Bandwidth	Wide Band	
Ripple in Band	≤ 10dB	
Max. Input Power Without Damage	-10 dBm	
Output Power	10 ~ 15 dBm	10 ~15 dBm
Intermodulation Products	9KHz~1GHz	≤ -36 dBm
	1GHz~12.75GHz	≤ -30 dBm
Spurious Emission	9KHz~1GHz	≤ -36 dBm
	1GHz~12.75GHz	≤ -30 dBm
Spurious Emission Mask	Complies with 3GPP	
Modulation Accuracy	Complies with 3GPP	
Peak Code Domain Error	Complies with 3GPP	
Noise Figure @ max. gain	≤ 8 dB (Typical)	
Return loss	≤ -10 dB	
Time Delay	≤ 0. 5 μ s	
MTBF	> 50000 hours	
Power Supply	AC : 110-240V, 50/ 60Hz; DC : 5V 2A	
Power Consumption	< 10W	
Impedance	50 ohm	

Specifications	
Dimensions (D x W xH)	235*185*70mm
Weight	1.3Kg
Installation Type	Desktop Installation
Environment Conditions	IP40
Humidity	< 90%
Operating Temperature	-10℃~55℃

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