

## Mini 4G signal booster/Cellphone signal repeater for 4G 2600mhz/ 4G LTE mobile phone signal booster/4G Repeater/Signal Booster

### What is mobile signal repeater/4G mobile signal repeater ?

Mobile signal repeater is used for increasing mobile signal, no matter where signal weak or zero ,the repeater can help you to improve signal up to full bars !

4G mobile signal repeater is used for increasing 4G mobile signal .



### 4G mobile signal repeater mobile signal repeater ST-4G

### Specification :

1	Frequency	Uplink:2500-2570MHZ	
		Downlink: 2620-2690MHZ	
2	Max output	20±2dBm	
3	Max gain and deviation	Downlink: 65±2dB	
		uplink: 60±2dB	
4	Automatic level control	25dB	
5	Wave in band	6dB (P-P)	
6	Max input level	-10dBm	
7	weight	0.55KG	
8	size(Length*Width*Hight )	15.5*11.2*3.85(CM)	
9	connector	N female	
10	Power adapter	INPUT:100-240VAC 50/60Hz OUTPUT:5V2A	
11	WCDMA System	Modulation Accuracy	≤ 12.5%
		Peak Code Domain Error	≤ -35dB@Spreading Factor 256
		ACRR	≥ 30dBc/30KHz @ ±5MHz ≥ 50dBc/30KHz @ ±10MHz

## The 4G Repeater with AGC Function and Auto Shut down Function :

### What is AGC function ?

AGC means Automatic Gain Control; it means the booster can control the gain by itself according to the surroundings. When there is a sudden strong signal input, the booster can adjust the gain accordingly to protect the booster module and make sure the strong signal will not affect the base station signal.

When the signal outside is too weak, the booster can adjust the gain to maximum to boost the signal received at most for end user.

The AGC repeater come with LED indicators, it can show the running state of the booster, in case the booster and antenna installation is not right that cause loop oscillation, the LED light will indicate to user so user would be able to know and adjust the installation setup accordingly to avoid loop oscillation issue.

### What is Auto Shut Down Function?

When the installation is not right that cause bad loop oscillation, the signal emit from the booster and antenna may jam the base station signal and affect to other users. Auto shut down function is to shut down the booster automatically when deep loop oscillation is detected to avoid jamming the tower and save your trouble from operators.

## Mobile Phone signal Booster Installation complete kit items

Signal booster

Outdoor antenna

Indoor antenna

Cable

Splitter (When there are more than 2 indoor antennas)

Connector(N connector, F connector, N to F connector, SMA connector etc)



## Mobile Phone Signal Repeater Installation Steps

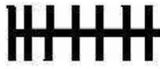
Step 1: Install the outdoor antenna in a suitable place

Step 2: Connect the outdoor antenna to the booster "outdoor" side by cable and connector

Step 3: Connect the indoor antenna to the booster "indoor" side by cable and connector

Step 4: Connect to the power

**outdoor  
antenna**



**repeater**



**indoor  
antenna**

