

Mobile Phone Signal Repeater

A mobile phone signal repeater provides the ultimate solution in any area where cellular communications can not work well due to leak of signals. The repeater device features easy installation & operation, build-in indoor antenna and no interference. It could also improve indoor electromagnetism environments, protract cellular battery life and reduce radiation of cellphones. A mobile phone repeater is ideal for house, home, office use.

Introduction To Mobile Phone Signal Repeater



1. Enhance Mobile Phone Signal Strength
2. Improve Communication Quality
3. Reduce Cellphone Radiation
4. Protract Cellular Battery Life
5. Economic Building Cost
6. Easy Operation
7. Easy Installation
8. Build-in Power Supply

The device featured by easy installation & operation and no interference. It is the ideal device for boost mobile phone signal. A mobile phone repeater could also improve indoor ctromagnetism environments, protract cellular battery life and reduce radiation of cellphones.

2. Features

High gain, easy installation and operation.

Full-duplex, single-port design, build-in power supply.

Use ALC technology, adjust extent automatically

LED Light Working & Signal Condition Indicators

Big linear power, control intermodulation & scatteration stably

Dependability stand by GB6993-86 standard

Compatibility of electromagnetism according with ETS300 609-4

CE and RoHs Approved

Technique Specifications

Item	Specification	
	Up Link	Down Link
Frequency	890-915MHz	935-960MHz
Power	-70 ~ -40 dBm / FA(1.23MHz)	
Gain	50/55/60/65Db/±10DB	55/60/65/70Db/±10DB
Max Output Power	23dBm /±3DBM Total power	27dBm / ±3DB M Total power
Impedance	50Ω	
Seclusion	> 70dB	
Power Supply	AC 110/220V(used AC/DC Adapter12Vdc)	
Compact Design	Indoor Use	
Item Diemension	220 x 140 x 40 mm	

Installation Sketch Map



Installation Approaches

1. Fix up outdoor antenna reception on housetop and point to signal tower.
2. Connect outdoor antenna to "outdoor" port in repeater machine through cable.
3. Connect indoor antenna(s) to "indoor" port in repeater machine through cable also.
4. Plug power adaptor into AC power socket and finish installation.

Technique Supporting

1. If still no signal receipt after activated repeater, please check if outdoor antenna point to signal tower or elsewhere have strong signal and check if strength achieve -70DBM.
2. If can not call out, please adjust the direction of outdoor antenna.
3. If strength is not steady, please check if outdoor & indoor antennas are too close. Please ensure the outdoor and indoor antenna have distance of 20 meters at least, with a wall between and not in a same horizontal line.

Accessories Selection

Outdoor antenna use 7 unit yagi type antenna, indoor antenna use board or rooftop antenna and signal wire use coaxial-cable.