



Shenzhen Sai Tong Tian Electronic Technology Co. Ltd

Address: Building 105; Liantang Industry; Luohu District; Shenzhen City; China

Web: www.stjammer.com Tel: 86-0755-33090206 Fax: 86-0755-33090205

Contact: Ms.licky Email: cellphonebooster@szstt.com

Trademanager: cn1000323368 Skype: licky2410 QQ: 861777865

What is the booster?

Cell phone signal booster (also named repeater, amplifier) is a product designed to solve the mobile phone blind signal. As the mobile phone signal is transmitted by electromagnetic waves to establish a communications link, however there are a lot barriers make it is unavailable to get sound signal. When people enter some tall buildings, some places basement malls, restaurants and parking lot, some places of entertainment such as karaoke sauna and massage, some public place such as subway, tunnel and etc. where cell phone signals cannot reach, now the cell phone signal booster can solve these problems! The entire range of mobile phone signals can be well used; we all will get great convenience and benefit from sound signal.

Our boosters are the perfect solutions for a wireless improvement in the mobile reception!

Dual band Mobile signal booster for ST1090A specification

Working system	GSM/DCS
Frequency range	GSM/uplink 890-915MHz downlink935-960MHz
	DCS/uplink: 1710-1785MHz downlink: 1805-1880MHz
Gain	Up link:63dB down link :63dB
	Up link:23dB down link :23dB
Pass band ripple	≤2.0 dB
I/O impedance	50Ω/N connector
Noise figure	≤10dB
Transmission delay	≤0.5μs
Ambient temperature	-15°C~55°C
Power supply	AC:110-240V
Size	130mm×95mm×28mm
Reliability	To the GB6993-86 standard
Electromagnetic compatibility	To the ETS300 694-4 standard
Function	a) Power supply LED denote b) Export power ELD denote
Coverage area	100-150sqm

Dual band mobile signal booster ST-1090A application

- A Small regions of signal or weak signal blind area, such as underground or semi-underground place of business ,basements ,underground parking, etc.
- B Complaints from small-scale hot-signal areas, such as conference rooms, a small supermarket, small shopping malls, the office and small public areas, etc.
- C Traffic and social influence of large areas, such as bars, cafes, dance halls, cafes, fitness clubs, leisure and entertainment, etc.
- D Elevator, lift wells in particular, not in the lift cables laid.
- E Home, office, luxury yachts, private cars, public security system and road safety management,etc.

Dual band mobile signal booster ST-1090A System Installation

Your system should come with at least the following items:

- 1) Outdoor Antenna (goes outside the building)
- 2) Signal repeater
- 3) Indoor Antenna (goes inside the building)!
- 4) Coaxial Communication Cables
- 5) Connector





Step 1 Start by taking your phone up to the roof or other location outside to find where the signal is strongest.

Step 2 Temporarily mount the Outdoor (outside) antenna in that location. You may need to adjust and move the antenna later. More notes on Donor antennas here.

Step 3 Run coaxial cable into the building to a convenient location (attic, etc.) where you can also get standard power for the Signal Repeater.

Step 4 Place the Signal Repeater in that location and connect the coaxial cable to the Outdoor Side of the Signal Repeater and the Outdoor antenna.

Step 5 Mount your Indoor (inside) antenna in a productive location. You may need to adjust or move the antenna later. More notes on Indoor antennas and patterns here.

Step 6 Connect coaxial cable between the Indoor antenna and the Signal Repeater output port.

Step 7 Power up the system and check for signal inside the building. If needed, tune system by moving and or pointing the Outdoor and Indoor antennas until they get the most signal possible.

Step 8 Secure all antennas and cables, securely mount the Signal repeater and clean up the installation.

Of course there are still a few more things to consider but in general, this is the basic procedure. For more information, please contact us.

Dual band mobile phone signal booster repeater amplifier ST-1090A Packing including;

1. one piece booster
2. one piece outdoor antenna
3. two piece indoor antenna
4. one piece splitter
5. 60meter cable
6. all connector

