



PHONE SIGNAL BOOSTER

Nikrans LCD500-4G-D

Free Support · 3-YEAR warranty & service · 30-DAY return policy · 3-7 business day delivery



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PRODUCT DESCRIPTION

The LTE 4G and GSM network antenna booster Nikrans LCD500-4G-D is a professional equipment designed essentially for improving 4G data transmission at 800 MHz and 1800 MHz frequency bands. The wireless signal booster will perfectly do for medium-sized areas of about **5400 ft²** (500 m²), for example, private houses, cafes, clubs, offices, etc. Due to the fact that LCD500-4G-D supports **1800 Mhz** band, it may also serve to amplify phone calls provided that the operator's GSM signal is delivered to you at this very band.

The network antenna booster Nikrans LCD500-4G-D ensures reliable and good cell phone **connection without drops** thanks to the following features:

- **LCD screen.** The LCD screen will show you all the necessary setup information and tips. So every person even without tech skills will be able to install and use this signal booster.
- **Auto Level Control.** Thanks to advanced software, the booster self-adjusts the gain level according to the strength of the incoming GSM and LTE 4G signals.
- **MCU Control.** The network antenna booster from Nikrans automatically detects system errors and activates a special program for protecting the equipment.

Take pleasure in your mobile communication by getting your own **GSM / LTE / 4G network antenna booster!**

PRODUCT FEATURES

- Indoor coverage: 5400 ft²
- Frequency bandwidth of 800, 1800 MHz
- Safety for Human Health
- Conformity to CE and RoHS standarts
- 3-YEAR warranty & service
- Full duplex mode (improvement of outcoming and incoming signal)

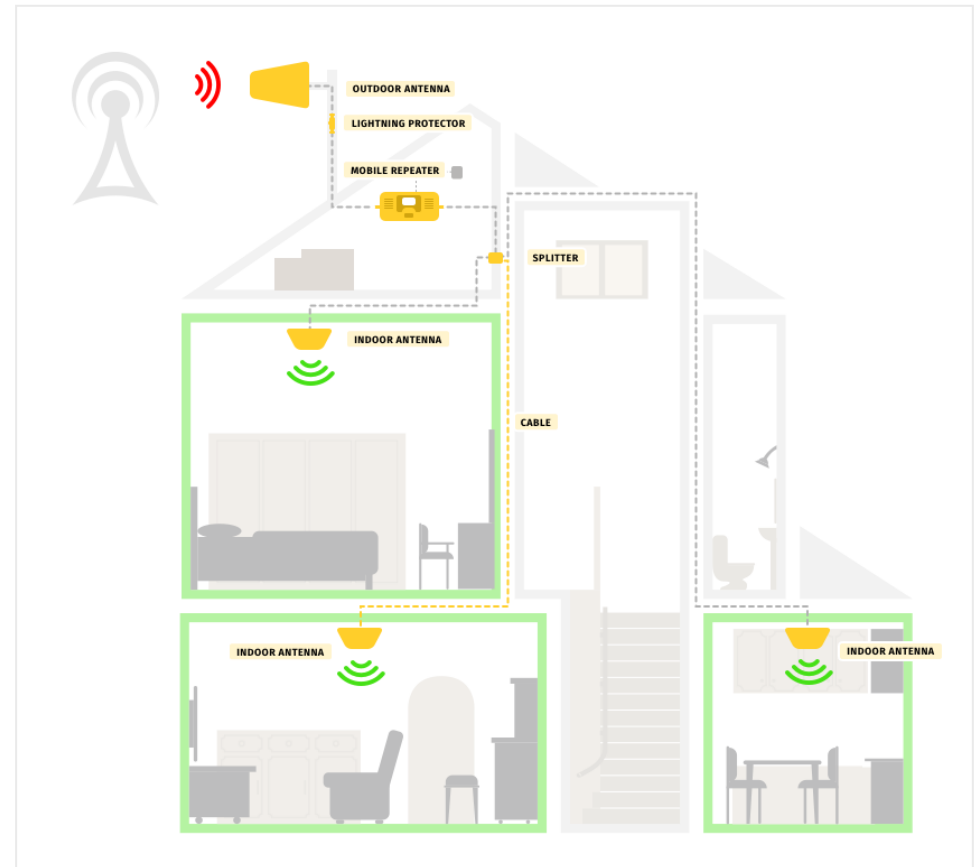
SPECIFICATION

- Indoor coverage: 5400 ft²
- Up-link freq: 75 MHz
- Down-link freq: 791-821 & 1805-1880 MHz
- Up-link Gain: 67 dB
- Down-link Gain: 75 dB
- Power supply: AC 110~220V, DC5V/2A, 7W
- Working t °C: -25/+55
- Humidity: 5 - 95 %
- Size (mm): 225 × 140 × 35
- Booster Weight: 2 kg
- dBm: 17 dBm

PACKAGE

- Nikrans LCD500-4G-D
- inside antenna + 5m cable,
- outside antenna + 20m cable,
- power supply,
- user manual

INSTALLATION SCHEME



INSTALLATION GUIDE

1. Find the best position of an outdoor antenna (on the roof/ outside the window where your mobile phone displays 2-3 bars of mobile coverage). Choose the best direction of the antenna – it's recommended to direct it towards the nearest GSM base station. Keep the outdoor antenna away from the high-frequency aerial, metal net, high-voltage cable or transformer. Be aware of avoiding lightning strikes and thunder.
2. Mount the mobile repeater and indoor antenna inside the building. The indoor antenna should be fixed on the ceiling, make sure that it's installed at least 2m above the ground. Search for the best position to make mobile signal be spread all over the area. In order to avoid interference, the indoor antenna should be at least 5m away from the outdoor antenna.
3. After identifying the position of the outdoor antenna, the repeater and the indoor antenna, attach the interface of the outdoor antenna to the BS side and of the indoor antenna to the MS side of the repeater and fasten tightly.
4. Connect the power adaptor only after both antennas are mounted correctly.
5. If the indicator light is on, the installation has been completed successfully.

We strongly recommend the customers getting prior authorization for using signal booster equipment from the local administration or network provider. The usage of mobile boosters without proper approval may lead to liability.