



CELL PHONE AMPLIFIER

Nikrans LCD-500GDW

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



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PRODUCT DESCRIPTION

The Nikrans LCD-500GDW is a triband amplifier which amplifies three different frequencies, i.e. 900, 1800 and 2100 MHz. Usually models are designed for a single purpose, such as improving either voice signal or 3G network or 4G Internet. But the dualband and triband models supporting the above mentioned frequencies simultaneously may thus improve not only voice calls but also the quality of 3G and 4G networks. This particular model is characterized by a considerable indoor coverage area of up to 500 m² (5300 ft²). To put this into perspective, this is enough for providing excellent coverage in large offices, apartments, villas, pubs and underground premises. The amplifier features not one, but 3 smart LCD screens, which provide vital information about the system such as its status, auto control options, signal gains and more.

Nikrans LCD-500GDW comes with the following innovative features:

- **LCD display.** The amplifier has three intelligent displays showing installation tips, error solutions, signal strength and other important information about the device. Each screen displays information for its own frequency band.
- **Sleep mode.** When you do not use your smartphone for voice calls and internet, the amplifier goes into energy saving mode. But it jumps back into working mode as soon as you start using your smartphone.
- **Auto control function.** The amplifier automatically adjusts the gains based on incoming signal strength.
- **Compact, beautiful and contemporary design.** The LCD screens, black durable casing, and compact size will make this amplifier model suitable for your location.

The Nikrans LCD-500GDW is also compatible with all UK's and Irish network operators. It also complies with internationally recognised health and safety standards, i.e. CE and RoHS.

Buy this triband amplifier right now and forget about dropped calls and slow Internet speed for good!

PRODUCT FEATURES

- Indoor coverage: 5400 ft²
- Frequency bandwidth of 900, 1800, 2100 MHz
- Safety for Human Health
- Conformity to CE and RoHS standarts
- 3-YEAR warranty & service
- Full duplex mode (improvement of outcoming and incoming signal)

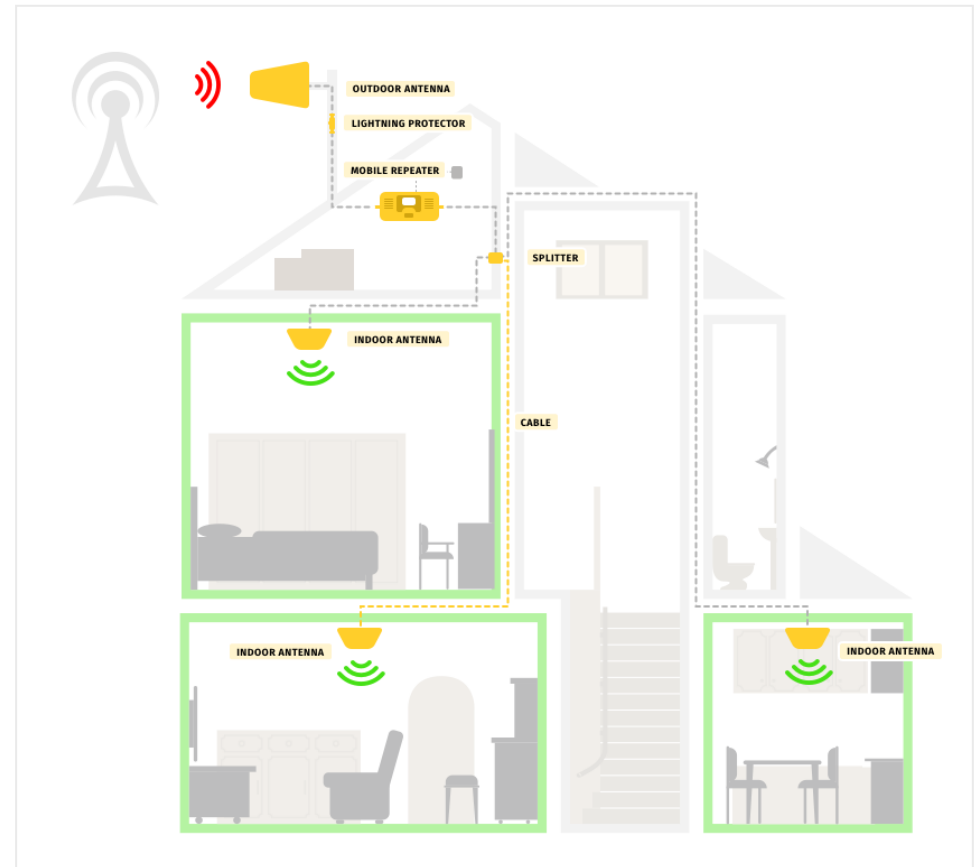
SPECIFICATION

- Indoor coverage: 5400 ft²
- Up-link freq: 935-960MHz, 1805-1880MHz, 2110-2170MHz MHz
- Down-link freq: 935-960MHz, 1805-1880MHz, 2110-2170MHz MHz
- Up-link Gain: 65 dB
- Down-link Gain: 70 dB
- Power supply: Input AC90~264V,output DC5V/2A
- Working t °C: -25/+55
- Humidity: 5 - 95 %
- Size (mm): 325 × 270 × 60
- Booster Weight: 5 kg
- dBm: 15 dBm

PACKAGE

- Nikrans LCD-500GDW
- 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.