



Nikrans LCD-500GDW

Free Support · 2 years warranty · 30 Days Moneyback guarantee · 3-7 business day delivery



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PRODUCT DESCRIPTION

The Nikrans LCD500 GDW is a triband amplifier which amplifies 3 frequencies, 2 for GSM voice calls (900 and 1800 MHz) and 1 for 3G internet connection (2100 MHz). Usually models are designed for one-off purpose, such as improving voice signals or 3G internet speed. But the dualband and triband models cover all common frequencies and improve not only voice calls but also 3G connectivity. This particular model also comes with a huge indoor coverage area of up to 500m² (5300 ft²). To put this into perspective, this is enough for providing excellent coverage in large offices, apartments, villas, pubs and underground stations. The amplifier features not one, but 3 bright LCD screens, which provide vital information about the system such as its sleep mode, auto control options, signal gains and more.

Nikrans LCD500GDW comes with the following innovative features:

- **LCD display.** The amplifier has 3 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 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 stylish design.** The LCD screens, black durable casing, and compact size will make this amplifier model suitable for your location.

The Nikrans LCD500 GDW is also compatible with all European and global network operators. It also comes back with internationally recognised CE and RoHS certifications passing international health and safety standards.

Buy this triband amplifier right now and say goodbye to dropped calls and slow internet speeds 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
- ◦ 2-YEAR Warranty
- ◦ Full duplex mode (improvement of outcoming and incoming signal)

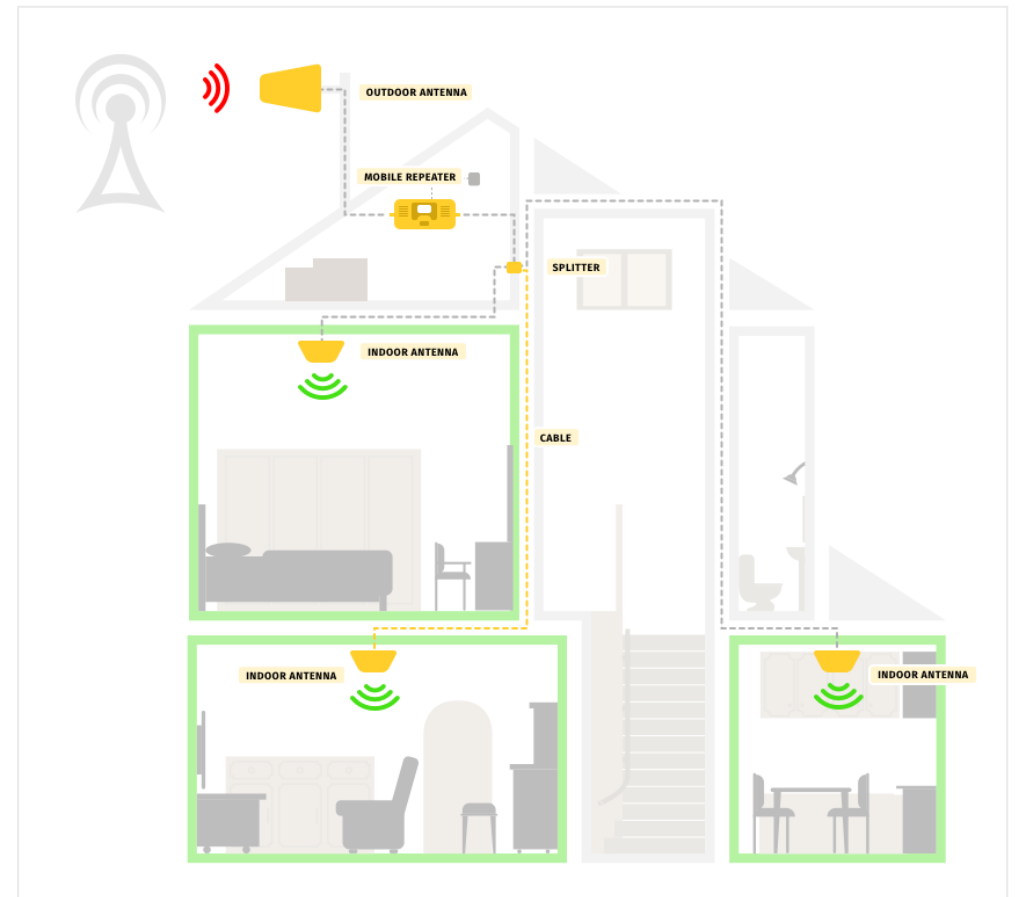
SPECIFICATION

- Indoor coverage: 5400 ft²
- ◦ Up-link freq: 890-915MHz, 1710-1785MHz, 1920-1980MHz 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 dBm
- ◦ Working t °C: -25/+55
- ◦ Humidity: 5 - 95 %
- ◦ Size (mm): 129*95*30mm
- ◦ Package Weight: 7.5 kg
- ◦ Booster Weight: 5 kg
- ◦ dBm: 15 dBm

PACKAGE

- Nikrans LCD-500GDW cell booster for home,
- ◦ 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 according to Article L 39-1 and Article 45 II of 1987.