WE ARE HUAPTEC

the leading manufacturer of mobile signal enhancement solutions at the world market

- Regional offices in Europe, the USA and India
- Output of over 8000 items per month
- More than 340 highly-qualified employees, 5000 square meters of office and production workshop
- Independent R&D and Technological Department, 18 invention patents, software copyrights and rights
- Participation in National Innovation Fund projects and Shenzhen technology development projects with the use of ERP, PLM, and OA information systems
WHAT WE OFFER

- High-performance innovative product from the original manufacturer
- Multi-step safety and quality controls at each production stage
- Compliance with the international standards (ISO 9001, CE, RoHS)
- Advanced operator network and noise protection
- Minimum delivery time, contracts with leading express couriers (DHL, FedEx)
- Guaranteed supply from the warehouse in Germany
- 2-year warranty
- Multi-language support team of competent technical specialists
LCD BOOSTER OVERVIEW

HiBoost LCD booster is a revolutionary new device designed to resolve poor mobile signal reception in homes and offices.

- **Intelligent LCD display**
- **Manual Gain Control circuit**
- **Smart self-adaptive software (Automatic Gain Control)**
HOW IT WORKS

1. The base station provides a strong mobile signal, but can’t deliver it to your area.
2. The outdoor, antenna picks up a weak mobile signal from the base station.
3. The signal goes from the outdoor antenna to the booster through the cable.
4. The booster amplifies the signal and transmits it to the indoor antenna.
5. The indoor antenna spreads the boosted signal all around your area.
6. Your mobile phone receives a strong signal and starts communicating with it.
LCD BOOSTER KEY FEATURES

- Smart self-adaptive system automatically adjusting best performance
- High in gain to cover areas with lowest signal reception
- Wide band system compatible with all mobile operators
- Intelligent real-time LCD display
- Advanced automatic and manual gain control systems (AGC and MGC) to avoid interference with mobile operator networks
- Compact and modern design
- Plug-and-play installation, super easy maintenance
LCD DISPLAY ADVANTAGES

Real-time display of system parameters
Displays gain, frequency, and output power to let you keep an eye on the current system performance state.

Smart troubleshooting
Detects an exact kind of malfunction (ISO or ALC) that is necessary to fix.

Assistance in installation
Helps to find best point for outdoor antenna installation basing on the output power value displayed on the screen.
SMART SOFTWARE (AGC & MGC)

Automatic Gain Control (AGC)

Intelligent system adjustment
Right after the booster is on, AGC automatically measures input signal strength and adjust best system parameters suitable for your particular area

Blanket noise and operator network protection
AGC establishes a balance between the booster system and a cell tower nearby to keep gain at the optimal level. This way HiBoost never overlaps operator network and keeps noise minimized up to zero

Manual Gain Control (MGC)
Function for technically savvy users. You can always regulate system gain according to outdoor signal conditions on your own
ALL-IN-ONE SOLUTION

HiBoost LCD booster is all-in-one solution. Every model comes in a full kit with all installation components.

A standard booster kit includes:

- booster,
- indoor antenna,
- outdoor antenna,
- mountings,
- cables and power supply,
- manual.
EASY INSTALLATION IN 4 STEPS

HiBoost is plug-and-play system. Installation is performed in 4 easy steps:

1. 
2. 
3. 
4. SIGNAL
HiBoost LCD boosters support all major signal standards

- **2G** Calls
  - GSM/EGSM 900 MHz, DCS 1800

- **3G** 3G (data)
  - WCDMA 2100 MHz

- **4G** 4G (high-speed data)
  - LTE 800, 1800, 2600 MHz

Customers are free to combine networks in a single device as they need

- **Single Band**
  - GSM/EGSM, DCS, WCDMA, LTE

- **Dual Band**
  - GSM+DCS, GSM+WCDMA, LTE 800+LTE2600, LTE1800+WCDMA 2100

- **Triple Band**
  - GSM+DCS+WCDMA

- **Quint Band**
  - GSM+DCS+WCDMA+LTE1800
COVERAGE AREA

Coverage of any indoor area up to 3000 m² (100-32300 ft²)
PRODUCTION

LCD HiBoost production is a highly technological process. Before release each booster passes multi-step quality and safety controls

- 1800 square meters of production workshop
- Innovative SMT equipment of the latest version
- 8 advanced debugging lines
- 6 assembly lines
- Aging room
- Production in a strict accordance with ISO9001:2008 quality management system standard
CERTIFICATIONS

All HiBoost products are officially certified. Certifications were issued in the European accredited test laboratories, among which the famous Phoenix Test Lab in Germany.

- ISO9001: 2008 quality management system standard certification;
- CE and RoHS certifications (compliance with EU quality and safety standards)
OUR CONTACT DETAILS

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