



## **Dual Band Mobile Signal Booster** **for GSM 900 & GSM 1800 Frequency Signals**

Cities all over the world are going in for High-rise buildings viz., commercial, office complexes, shopping malls & residences. All the areas in shadows of these high rise buildings and offices in basements do not receive mobile phone signal leading to bad mobile phone connectivity. These areas are called as Signal Shadow areas.

To overcome this problem, Sharp Vision has introduced Mobile Signal Booster System to amplify Mobile signal level for better mobile connectivity. This Equipment is internationally known as Mobile Signal Repeater.

Mobile Signal Booster receives existing good signal from outside a building with the help of a Patch Antenna, amplifies the same and brings it inside where reception needs to be improved.

Sharp Vision Mobile Booster not only amplifies the Signal from the Base Station, but also amplifies the Signal from the Mobile Phone.

Mobile Booster will not generate the signals. It will boost the signals if the signal is available where the outdoor patch antenna needs to be installed.

### **Features of Mobile Booster**

- Amplifies the weak GSM 900 & GSM 1800 frequency mobile signal and distributes to low signal areas.

- Low Noise and High Output Level

- APC - Automatic Power Control for Stable Signal

- More Boosters can be used together to increase the coverage area

- Aluminum Body for better heat dissipation

## **MBD 300**

Indoor Coverage Area : 300 Sq. Mtrs

Suitable for an Office Complex or a house

Frequencies: Uplink 890 ~ 915 MHz, Downlink: 935 ~ 960 MHz

Uplink 1710 ~ 1785 MHz, Downlink: 1805 ~ 1880MHz

Gain: Uplink 65/55 dB, Downlink: 70/60 dB

### **One Set of Mobile Signal Booster consists of:**

- a) Mobile Signal Booster - 1 pc.
- b) Patch Antenna - 2 pcs.
- c) Coaxial Cable - 2 pcs.
- e) Power Adaptor - 1 pc.

#### **b) Patch Antenna**

Patch Antenna is used for reception & transmission of mobile telephone signal. Two Patch Antennas are supplied in the Mobile Booster Set. One is used outside the building in a direction so as to receive maximum signal. The other is used inside the building, where mobile signal boosting is required. The Outdoor Patch Antenna is connected to Input Port of Mobile Booster with the help of Coaxial Cable. The Output port of Mobile Booster is connected to Indoor patch Antenna using Coaxial cable.

#### **c) Coaxial Cable with Connectors**

These are used to connect outdoor Patch Antenna with the input port of Mobile Signal Booster and another cable is connected from output port of Mobile Signal Booster to indoor Patch Antenna.

