

Best Call

Direct Connection Dual-Band Amplifier / Booster

Installation and Operation Manual

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Congratulations on the purchase of our Best Call Cellular/PCS Booster!

How it Works

Best Call Direct Connection Dual-Band Amplifier / Booster has been developed to enhance the performance of cell phone in vehicle. Its advanced technology is designed to significantly improve voice and reduce disconnects and drop-outs. The amplifier works with one antenna : communicates with the cell site and one cable : connected to cell-phone. The antenna will collect the outside signal and send it through a cable to the booster. The signal is then boosted and sent through a cable to a cell-phone.

Direct Connection Dual-Band Amplifier/Booster Kit Contents

1. Direct Connection Amplifier/Booster Unit
2. Magnet Dual-Band Monopole Antenna Unit
3. Cable
4. DC Plug-in Power Supply
5. Cable Wrench

Installing your Best Call Booster

1. Antenna must be mounted a **minimum** distance of 50 cm (1.64ft) away from any person(s).
2. You may place your amplifier anywhere inside your vehicle (except as mentioned above).
3. The amplifier's location should be easily accessible and mounted away from moving parts, excessive heat or moisture.
4. The exterior antenna must be mounted outside the vehicle and at a distance that can be reached from the supplied antenna cable.

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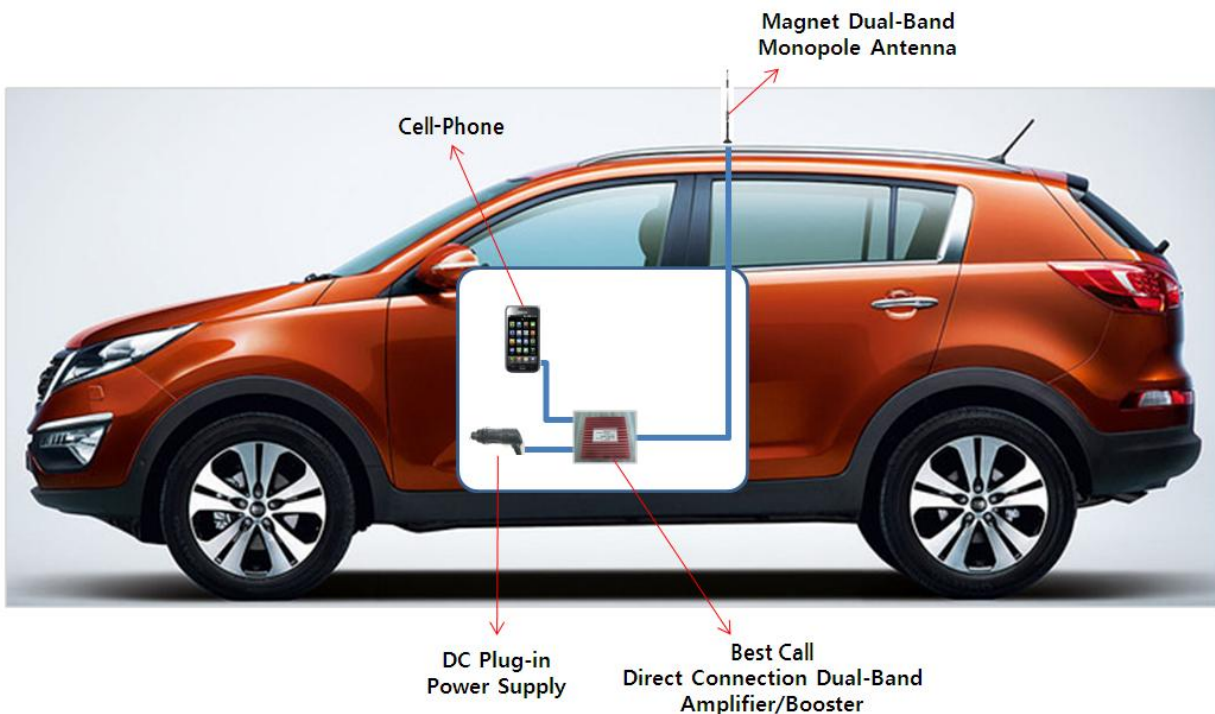
Installation Cautions

1. Use caution to avoid drilling through or near fuel lines or fuel tanks; brake lines; or electrical wiring.
2. Do not mount the amplifier or its associated wiring in a location that may interfere with the safe operation of the vehicle.

Caution: Connection to the negative side with the positive lead will cause damage to the amplifier.

Installation of In-Vehicle

To meet the FCC Exposure Guidelines, the antenna should be installed so there is at least 20 cm of separation between the body of the user or nearby persons and the antenna.



Direct Connection Dual-Band Amplifier/Booster Technical Specifications

NO.	Parameter	Specification
	Frequency	Cellular : 824~849MHz
1	Gain	10dB nominal
2	Channel Power	12dBm
3	Flatness	4dB
4	Moudlation	CDMA Only
	Frequency	Cellular : 869~894MHz
5	Gain	10dB nominal *Downlink RF Power:-5dBm
6	N.F.	4dB nominal
7	Flatness	4dB
8	Moudlation	CDMA Only
	Frequency	PCS : 1850~1910MHz
9	Gain	10dB nominal
10	Channel Power	12dBm
11	Flatness	6.5dB
12	Moudlation	CDMA Only
	Frequency	PCS : 1930~1990MHz
13	Gain	10dB nominal*Downlink RF Power:-5dBm
14	N.F.	4dB nominal
15	Flatness	6.5dB
16	Moudlation	CDMA Only
17	Power Requirements	9V/600mA (Norminal) , 9V/2A (Max)
18	Connectors	SMA
19	Dimensions	91x100x32
20	Weight	0.50 kg

FCC Part 15.19

This device complies with part 15 of the FCC Rules. Operation is subject to The following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Part 15.21

Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

RF Exposure Statement

FCC RF Radiation Exposure Statement: This equipment complies with FCC RF Radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.