

IN-BUILDING CELLULAR AMPLIFIER INSTALLATION GUIDE

- BDA-819-603 Kit • BDA-800-603 Kit
- BDA-1900-603 Kit

WHAT IS IN THE BOX?

- 1- Mounting bracket and pole for yagi antenna
- 2- Outside yagi antenna and 50' of coaxial cable
- 3- In-building bi-directional amplifier with AC/DC 110 volt power supply
- 4- In-building panel antenna and 25' of coaxial cable



INSTALLATION

Step 1: Determine the locations of the outside antenna, inside antenna, and BDA taking into consideration the coaxial cable lengths of 50' & 25'. Also the BDA needs to be close to a 110 volt plug.

Step 2: Inside Panel Antenna

Mount the panel antenna on a wall pointing towards the area where you want to increase the cellular coverage.

Step 3: Outside Yagi Antenna

Mount the bracket and pole outside on the roof or side of the building. Then mount the yagi antenna with the provided "U" bolts. Point the antenna towards the nearest cell site (if known) and away from the inside panel antenna.

Step 4: Bi-Directional Amplifier (BDA)

Mount the BDA close to a 110 volt plug.

Step 5: Antenna & Power Connections

DO NOT POWER UP THE BDA UNTIL ALL CABLES ARE CONNECTED TO THE ANTENNAS & BDA!

The yagi antenna cable is connected to the end of the BDA that says "Antenna" and the inside panel antenna cable is connected to the end of the BDA that says "Cell Phone". Power cable is plugged in below the "+12V/24/ PWR".

Step 6: BDA Indicator Lights

On power up, the RED LED (light closest to the Antenna connection) shows that the BDA has power. The GREEN LED SST light (light closest to the power cable connection) shows green when the antennas have the correct separation. If you have two red lights, the antennas need additional separation. The BDA will correct and optimize the BDA when enough separation is achieved.

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