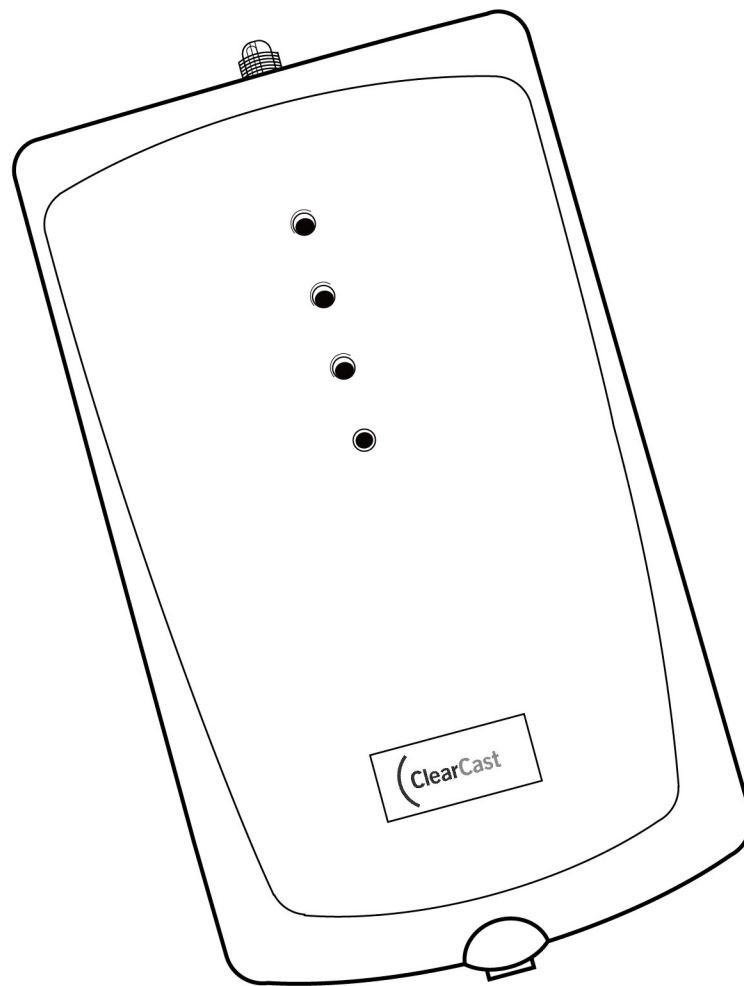




# Complete 5 Bands Cellphone Signal Booster



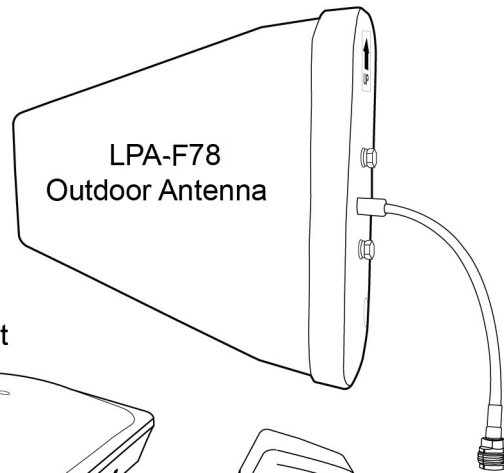
## Installation Guide

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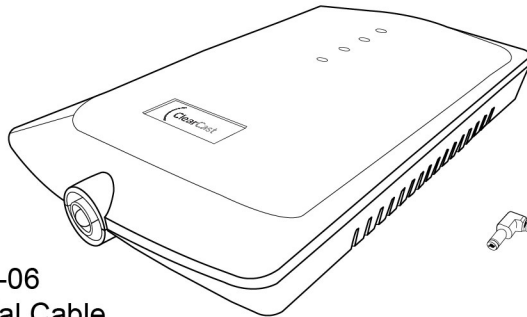
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# Package Contents

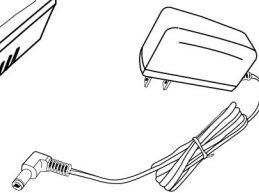


US4G-65  
Booster Main Unit

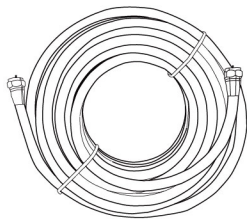


4 pcs 1" high  
tensile screws

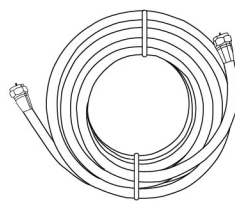
CL06-33F1F1-06  
33ft RG-06/U Coaxial Cable



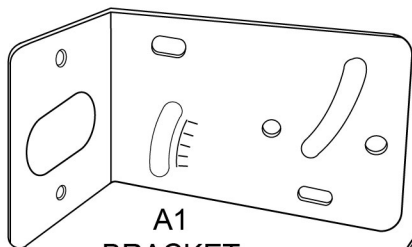
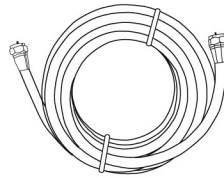
2 pcs 3/4" high  
tensile screws



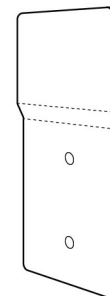
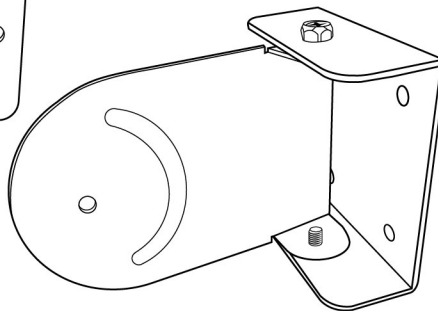
CL06-17F1F1-06  
17ft RG-06/U Coaxial Cable



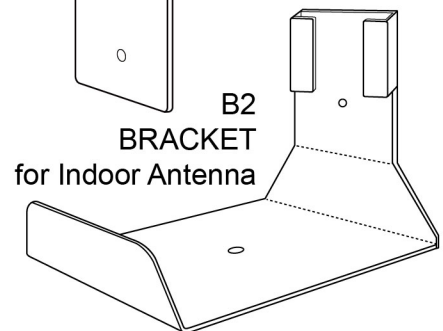
CL06-11F1F1-06  
11ft RG-06/U  
Extension Coaxial Cable



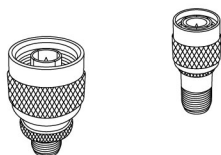
A2  
BRACKET  
for Outdoor Antenna



B2  
BRACKET  
for Indoor Antenna

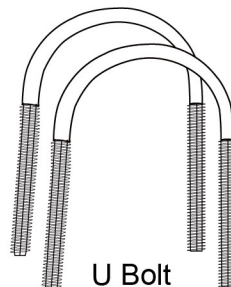


AD-T1F0-06  
TNC(M)-F(F) Adaptor

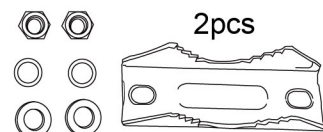


AD-F0F0-06  
F(F)-F(F) Adaptor

SCREWS  
2pcs



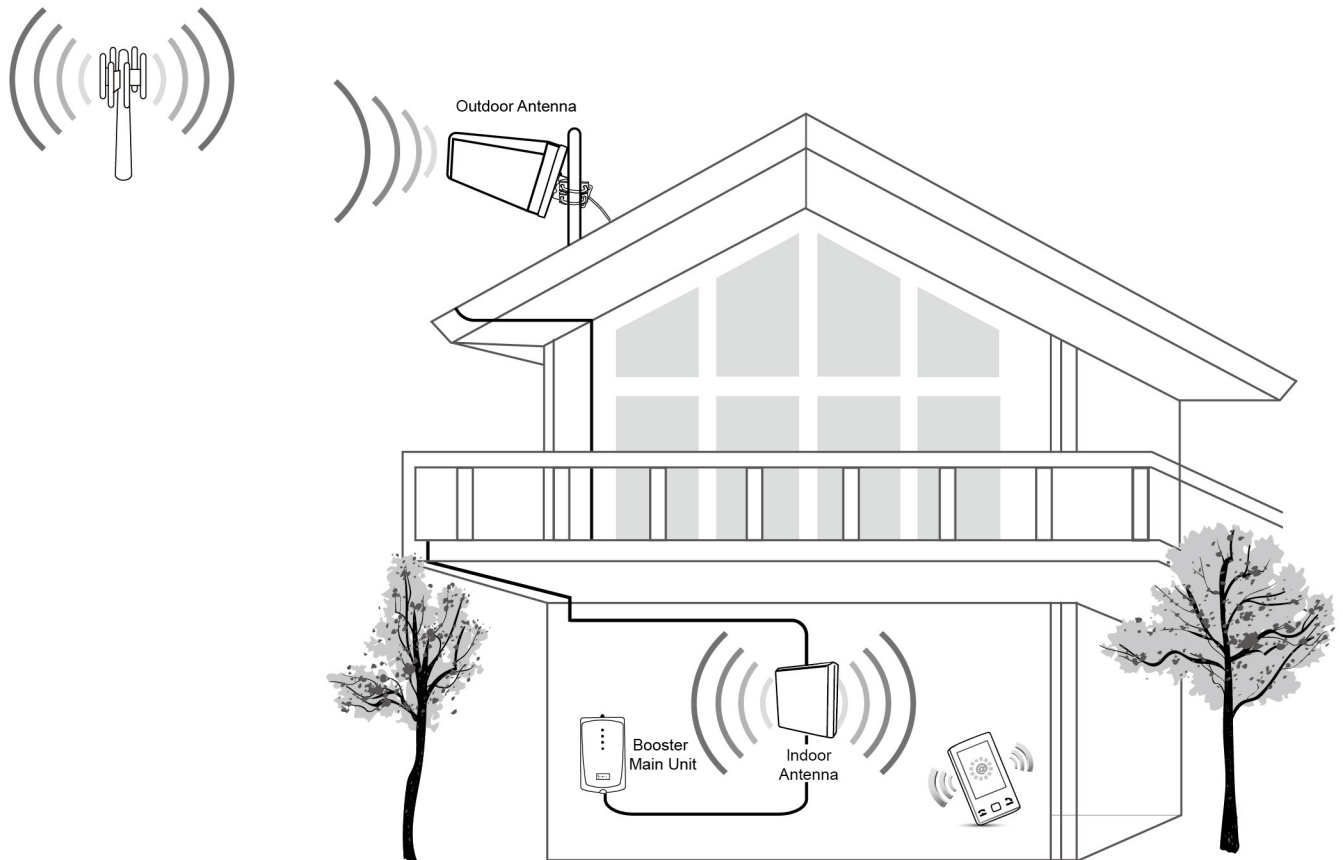
ODA Accessories  
for Outdoor Antenna



## Installation Notice & Attenuations

**How It Works:** Cellphone Signal Booster DIY Kit is a set of easy-to-install electronic product used to improve the poor reception of cellphones at home.

It amplifies weak, distant cell tower signals and directs them indoors, greatly improving the quality of indoor cellphone calls and Internet access.



**Glossary table:** Express the terms in a short form in order to simplify the installation guide, improve the ease of reading and enable intuitive understanding of terms.

- |   |                                   |
|---|-----------------------------------|
| • Cellphone Signal Booste   | ➔ Booster                         |
| • Tune /Search the Outdoor Antenna orientation for best reception | ➔ Find Best Reception             |
| • Rotate/Move the Outdoor/Indoor Antenna orientation/location     | ➔ Tune the Outdoor/Indoor Antenna |
| • Cellphone reception bars  | ➔ Reception bars                  |
| • Power off and then power on the booster                         | ➔ Reset booster                   |

## Installation Precautions:

In order to get the best reception, please read the following notes and instructions for **STEP A, B, C and D** before installation.



All key points and notes for the installation can be divided into 3 categories:

- Distance, position and orientation for the installation of outdoor and indoor antennas.
- Installation of connectors, adapters, and coaxial cables.
- About Tune the outdoor and/or Indoor antenna for best reception and Power on/Reset the booster.

During testing or regular use, the LED indicators will **stay** either **red** or **green** when the booster operates **normally**.

Of the 4 LED lights, some may remain red and some may remain green.

LED indicators **blinking red** or **green** indicate an **abnormality**. Please refer to Abnormal LED Light Status & Troubleshooting on **page 13, 14** and conduct troubleshooting according to the instructions until the booster works properly.

1. Hold a cellphone and **walk outside around** the house **slowly** to find a location with **the best** reception. Alternatively, install the outdoor antenna **toward** the direction where a cell tower is known to be installed. This is **the most important** step in the installation process, as it will determine the **reception quality and service coverage** of cellphone calls and internet access when used indoors.
2. Please keep the minimum space 20 ft **vertical** and/or 40 ft **horizontal** of the outdoor/indoor antennas clear so that the cellphone signal booster can work **properly** (see page 6).
  - The outdoor antenna should be **kept 6 ft away** or 5 ft **higher than** windows.
  - The outdoor and indoor antennas should be kept **facing away** or at an **angle 90° to 180° from each other**.  
**Avoid** placing the outdoor antenna **facing** the house or positioning the outdoor and indoor antennas in **the same** direction.
4. Please maintain a suitable path for all coaxial cables :
  - In a straight line 
  - Make smooth turns 

- No sharp-angle turns



- Do not coil cables



- Do not **cross** the coaxial cables or paths connecting the outdoor and indoor antennas.
- The coaxial cable connecting the outdoor antenna needs to be kept in a **U** shape before entering the house so that rainwater will **not flow** into the house along the cable.
- In order to maintain the tidiness of the indoor environment, the coaxial cables connecting the outdoor and indoor antennas can be hidden above the ceiling or along the wall to the main unit.
- Check all outdoor and indoor antenna connectors, adapters, coaxial cable connectors, and main unit connectors, and **fasten** them by **hand** (without tools). Unfastened or loose connections will **not improve** the indoor reception.

5.

**Do not** power up the main unit yet. Wait until the brackets of the outdoor antenna are **adequately** fastened such that the antenna can still **be rotated**, and the position / orientation of the indoor antenna should be **secured** before performing **Step D** - Find best reception. Then, power up the booster while adjusting the outdoor antenna.

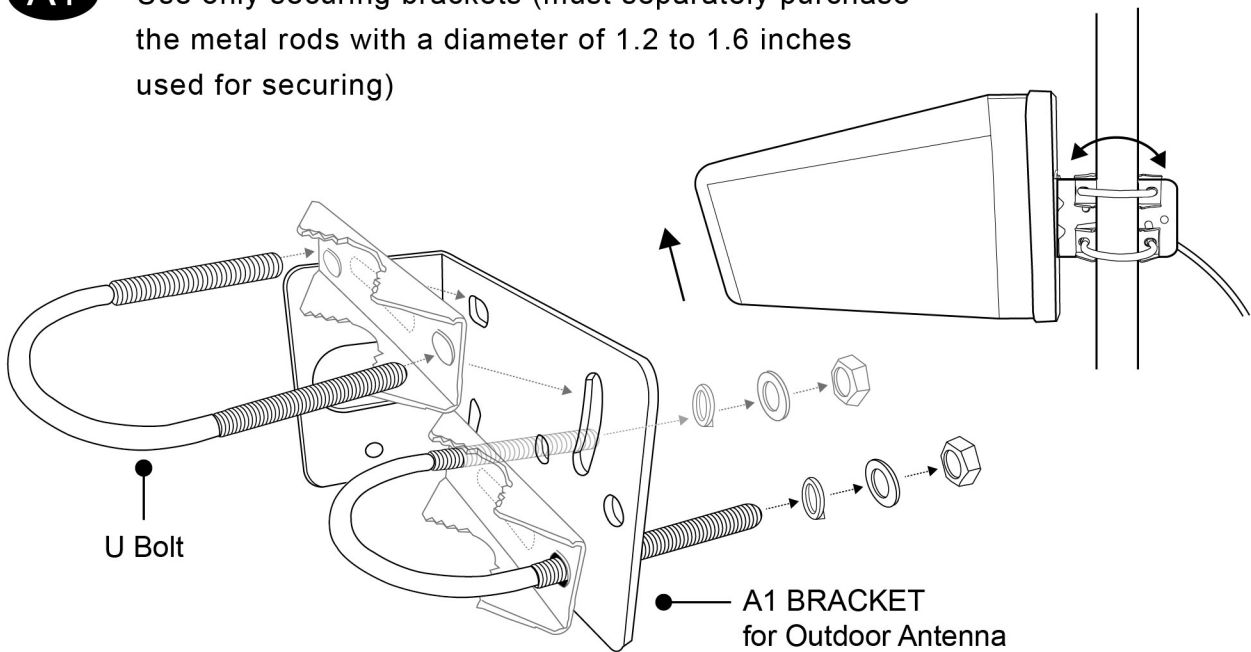
Perform **Step C** - LED light status indication to **confirm and adjust** the reception results of the installation, or as the basis for Abnormal LED light status & troubleshooting (page 13 and 14).

Whenever performing "Tune the outdoor and/or indoor antenna" steps in **installation procedure or after long-term use**, the main unit **must be reset** to ensure LED stay either **red** or **green** and that the booster works **properly**.

## Step A Installation of outdoor antenna

The outdoor antenna can be secured in the following different ways according to the on-site installation.

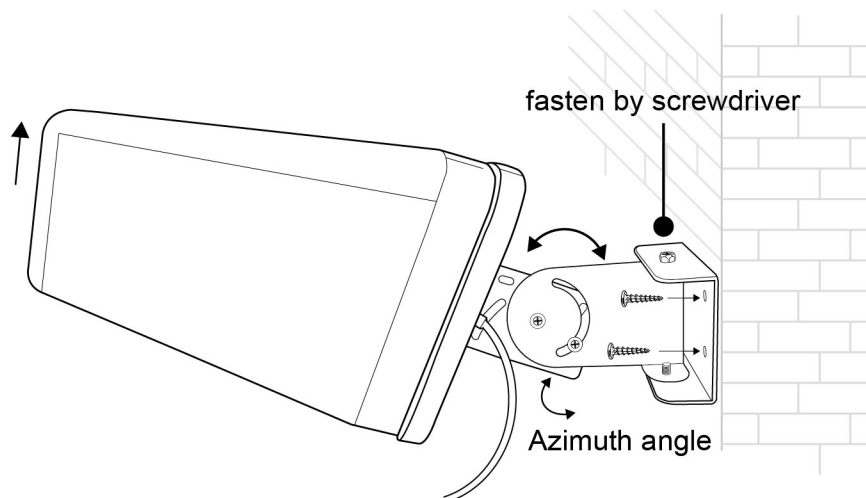
- A1** Use only securing brackets (must separately purchase the metal rods with a diameter of 1.2 to 1.6 inches used for securing)



**Note:** The elevation angle of the outdoor antenna is adjusted to be horizontal (0~10° up tilt) if it is on a plain or in the suburbs and urban areas.

Tilt the unit upwards in valleys, and downwards in hilly and highland areas.

- A2** Secured on the outer wall with 3D brackets that allow adjustment of elevation and/or azimuth angle.



- Note:**
- Secure on wooden/concrete wall: Screw 1 inch high tensile screws, 4PCS
  - Use electrical screwdriver fastening these high tensile screws to the wall.