

YX520-I Set-Up Tips

The performance of your zBoost signal booster depends largely on the placement of the Signal Aerial. Carefully consider the following 2 factors before installing the Signal Aerial:

1) Capture the best available

You can use the signal meter on your mobile phone to determine the area of strongest signal around your home. Generally, the best signal is found at a high level above the ground. Placing the Signal Aerial as high as possible and with minimal obstructions to the cell tower/aerial will provide the best performance (i.e. on the roof, in the attic, on the side of the building above or below roof-line, outside of a window on the top floor, or on the highest part of a deck).

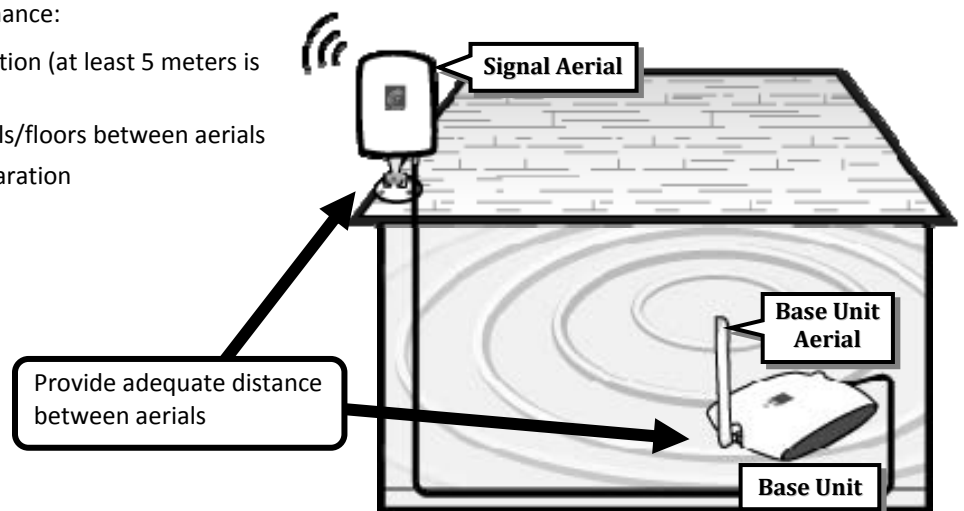
- z We strongly recommend using a grounding kit (YX012) when mounting the Signal Aerial outside
- z When mounting the Signal Aerial on the same horizontal plane as the Base Unit Aerial, it is recommended that you position the Signal Aerial horizontally (or perpendicular to the Base Unit Aerial)
- z When mounting the Signal Aerial in a location that is higher than the Base Unit Aerial, it is recommended that you position the aerial vertically (or parallel to the Base Unit Aerial)



2) Provide adequate separation (isolation) from the Base Unit Aerial

If the Base Unit and Signal Aerial are located too close together, zBoost will automatically reduce its gain (coverage). To improve isolation and performance:

- z Increase vertical separation (at least 5 meters is recommended)
- z Increase number of walls/floors between aerials
- z Increase horizontal separation



Every installation has trade-offs between performance, ease of installation, cable routing, cable length and aesthetics. Once you are satisfied with your signal improvement, you do not need to do anything further.