

# Worth Knowing About Antennas for LK Room Control Arc

## LK ArcTenna OnWall

- The LK ArcTenna OnWall has dual built-in antennas for handling both WiFi and Bluetooth..
- The antenna must be mounted on a wall; it must not hang by the cable. An antenna hanging by the cable will have significantly reduced range..

**NOTE!**

A manifold cabinet severely attenuates the signal—almost 100%—so the antenna must be placed outside the cabinet!

## LK ArcTenna InWall

- The LK ArcTenna InWall (1 unit) controls either WiFi or BLE.
- If both WiFi and BLE are required, two LK ArcTenna InWall units must be installed.
- The LK ArcTenna InWall must not hang by the cable, whether inside or outside a cabinet. It is also important that the entire antenna (not just the top) is located outside the cabinet if the antenna is installed inside a stud wall. Otherwise, signal strength/range will be affected.
- If the system's LK ArcHub is not mounted in a cabinet, the antenna rods can preferably be mounted directly on the LK ArcHub, i.e., without the short cable piece.

## LK ArcTune or ArcSense as an Antenna

- A BUS-connected LK ArcTune or LK ArcSense can act as an antenna for up to 12 wireless LK ArcTune / LK ArcSense units.
- This solution requires preparation: an electrical conduit must be run from the LK ArcHub to the location considered optimal for antenna placement.
- The BUS-connected antenna is activated in the MyLK app under range extension.

