

P/N: KIT-AC000006-00

Description: WIRED ETHERNET REPEATER KIT

Alternative names: inline repeater / PoE repeater

What does the kit include?

- Mikrotik GPeR repeater
- Mikrotik GPeR IP67 case



When do we use it?

There are two common scenarios:

1. When installing a WiFi repeater (**KIT-AC000007-00**) that requires a long CAT5 run. Typically, every 100m of CAT5 run we will need to amplify/repeat the power and data, and install such wired repeater. Our WiFi repeater is an active PoE device and thus the wired repeater needs to be installed in **active** PoE configuration (as is), to allow the load (Wifi repeater) to negotiate its power requirement from the source (**active** PoE injector - **KIT-AC000005-00**).
2. When installing a remote Sensor Unit, where the customer requires wired data connection (CAT5). Typically, every 100m of CAT5 run we will need to amplify/repeat the data only. As our SU is powered locally, its ETH port is data only. We can't pass power (PoE) to the SU, only data, or we risk damaging it. Thus, the wired repeater needs to be installed in **passive** PoE configuration. It is fed by **KIT-AC000008-00**, **passive** PoE injector (power + data), but outputs data only. To do that, remove both jumpers on the "PoE out" side.



If multiple wired repeaters are needed (very long CAT5 run), those jumpers are removed only from the last repeater.