

LANCOM PoE++ Injector

Mounting instructions

The LANCOM PoE++ Injector operates as a compact 1-port PoE injector according to the PoE standards IEEE 802.3bt (up to 65 W), 802.3at, and 802.3af. It supports link speeds of up to 5 Gbps and is suitable for powering PoE devices over a standard-compliant CAT-5e Ethernet cable (or better) for distances of up to 100m. Further technical details can be found in the product data sheet on www.lancom-systems.com.

 When supplying power to PoE devices in outdoor areas (e.g. LANCOM outdoor access points), lightning or surge protection LANCOM SN-LAN may have to be installed.

Connectors and LEDs of the LANCOM PoE++ Injector

Below you will find an illustration of the connectors of the LANCOM PoE++ Injector. On one side of the device you will find the connector for the supplied power cable. On the other side are the two RJ45 ports for connecting the LAN cables, and two LEDs on the top of the device to display the device status.



- ① Connection for power cable
- ② OUT: Ethernet port for connecting the PoE device
- ③ IN: Ethernet port for connection to the LAN
- ④ PWR LED (green): The PoE++ Injector is supplied with mains voltage and feeds the connected PoE device.
- ⑤ PoE LED (green): The connected PoE device supports PoE according to the IEEE 802.3af, -at or -bt standard.



Assembly and connection

The LANCOM PoE++ Injector can be optionally wall-mounted using the fastening brackets.

 Do not cover the housing of the LANCOM PoE++ Injector and ensure sufficient ventilation to prevent the device from overheating.

Connect the LANCOM PoE++ Injector to a suitable power outlet (100-240 V/AC) using the supplied power cable. Connect the PoE++ Injector's IN port to an available port on a switch using an Ethernet cable. Connect the OUT port of the PoE++ Injector to the network device to be powered by PoE using an Ethernet cable.

 Do not use a 'cross-over cable' to connect the PoE++ Injector to the PoE device, as these cables use an unsuitable pin-out. Note that the maximum distance for the Ethernet connection between the PoE++ Injector and PoE device is 100 m. The network signal is not amplified by the PoE++ Injector.

