

## Installing the EIPR-6 Power Injector

Item Number	Item Name	Description
1023697006	EIPR-6	Exigo Power Injector

### 1 EIPR-6 Overview

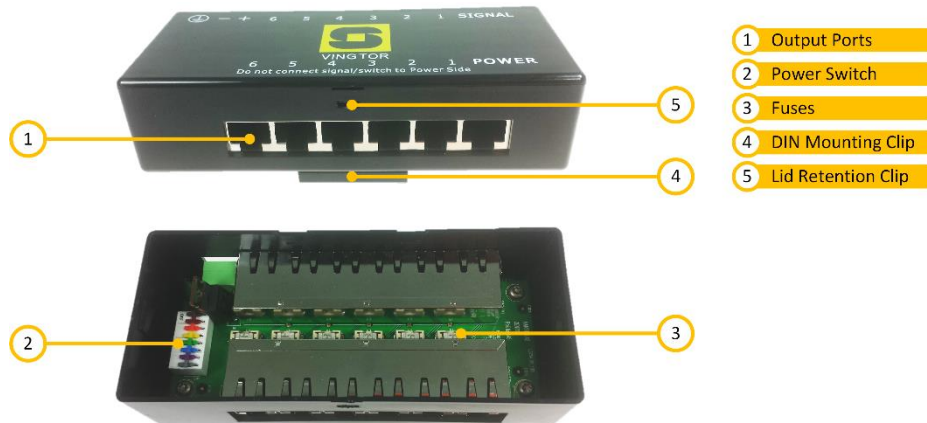


Figure 1: Front & Internal View

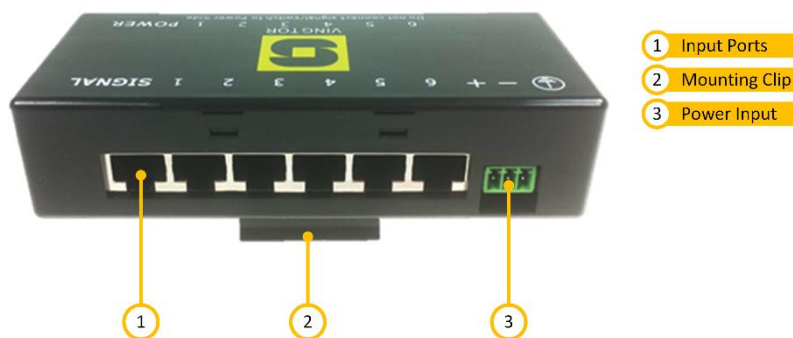


Figure 2: Rear View

### 2 Placement

When used in an equipment rack, the EIPR-6 unit can be mounted at any accessible location

### 3 Mounting the Unit

The EIPR-6 is a DIN-rail mounted device, and hence requires a DIN rail that shall be mounted securely to the equipment rack and properly stabilized.

- Press the EIPR-6 unit against the DIN rail of the rack until the mounting clips snap into place.

### 4 Power Supply

The EIPR-6 unit itself requires no power to operate. The voltage supplied to the unit is only inserted on the spare pairs of the Cat cable. The voltage required by the PoE standard is 48 VDC, and hence the Exigo access panels require the same 48 VDC.

The 48 VDC to the EIPR-6 unit can either be supplied by the same power as the network switch, or by separate power supplies. The power supply feeding the EIPR-6 must be duplicated, i.e. connected to the equipment rack's primary and secondary power supplies in the case of a single system. In the case of an A-B system, the access panels will be supplied by one EIPR-6 unit in each equipment rack, maintaining the requirement for power redundancy.

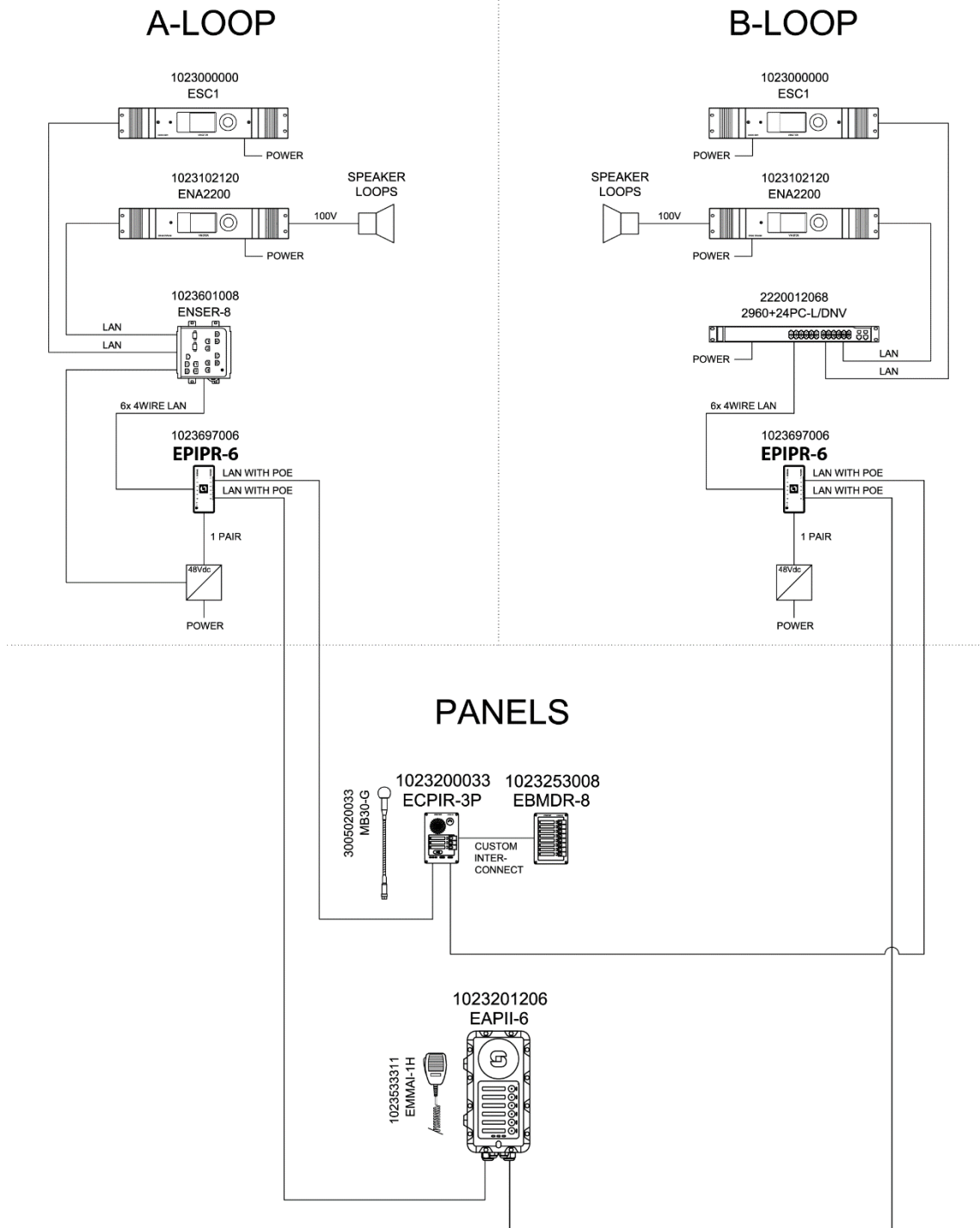
## 5 Ethernet Connections

- Route the Ethernet connections from the input ports to the central switch in the equipment rack using UTP Cat5 or higher cables.
- Route the output Ethernet connections to RJ45 terminal blocks or patch panels in the equipment rack.



**Only connect the outputs of the EPIPR-6 to spare-pair PoE-enabled field equipment. Connecting to other equipment may cause damage to it if the Ethernet is not properly terminated internally. If the output must be connected to such equipment, make sure to disable the spare-pair PoE by turning the switch off internally in the EPIPR-6.**

## 6 EPIPR-6 Wiring in Exigo A-B System



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