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XPander Remote Indicator Module Installation Guide

General
Do not install any XPander equipment until a full site survey has been completed using the XPander site survey tool. A maximum of 5 interfaces are permitted for each site. For sites that require more than 5 interfaces please contact Apollo. All installation engineers must have had certified XPander training.

The XPander Remote Indicator Module (RIM) and ancillary equipment is available under the following part numbers:

Part Number	Description
XPA-IN-14102-APO	XPander Remote Indicator Module

Spares	Description
29600-413	White XPERT Card

The installation must conform to BS5839-1:2013 (or applicable local codes). The Remote Indicator Module is suitable for indoor use only (type A).

Installation
Ensure that all Remote Indicator Modules are sited in accordance with the survey and system design. Remote Indicator Modules must be surface mounted.

1. Remove the back plate fixing screw. Retain this for re-insertion. Insert flat bladed instrument into the removal slot and remove the back plate from the transmitter/battery section. (See **Fig 1**).

2. Mount the back plate in a suitable location using suitable fixings and fasteners. Ensure the fasteners are flush with the mounting plate to avoid the risk of damaging the battery PCB. (See **Fig 2**).

3. Locate the Transmitter/Battery assembly onto the back plate. This has a hinged connection and should be located on the top edge first.

4. Ensure that the tamper switch operates correctly. The switch should make contact with the back plate.

5. Replace the back plate fixing screw.

6. Fit the power jumper shorting link and commission the unit according to the XPander commissioning guide PP2286.

Set the loop address and commission the Remote Indicator according to the XPander commissioning guide PP2286.
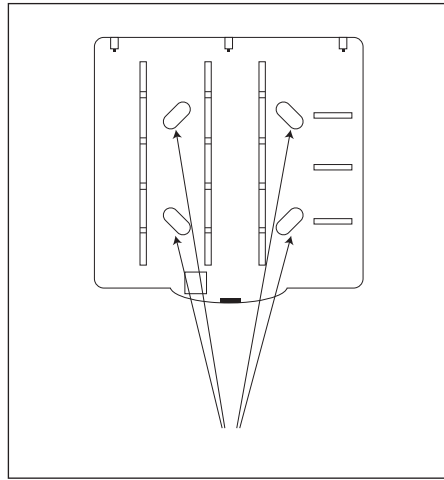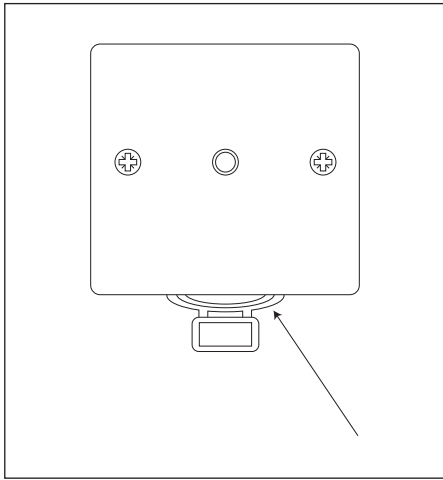
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Fig. 1 *Back Plate, Fixing Screw & Removal Slot*

Fig. 2 *Mounting Holes*

XPERT Card Insertion and Removal

Removal requires access to the inside of the Remote Indicator Module. Detach the front cover by removing the two front assembly retaining screws allowing access to the PCB. Insert a flat-blade screwdriver just inside the bottom edge of the RIM above the XPERT card and disengage the card retaining clip whilst pulling the XPERT card out.

Battery Type

Panasonic	Varta
6 x AA 1.5V Alkaline Panasonic Powerline (Size M, LR6)	6 x AA 1.5V Alkaline Varta Industrial (4006, LR6)

When replacing batteries, allow the device to power down for a period of two minutes before installing replacements.

Note: When replacement batteries are required all batteries must be replaced together.

Technical Data

Operating voltage   2.8-5Vdc
Operating temperature   −10°C to +50°C

XPERT Card Addressing

The XPander XPERT card is specifically designed for XPander products and has profiled address pips for ease of installation. The use of standard XPERT cards is not recommended. Select the desired address and remove the pips indicated in black. Remove pips with a small screwdriver.