



## XPander Manual Call Point 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 Manual Call Point and ancillary equipment is available under the following part numbers:

Part Number	Description
XPA-MC-14006-APO	XPander manual call point

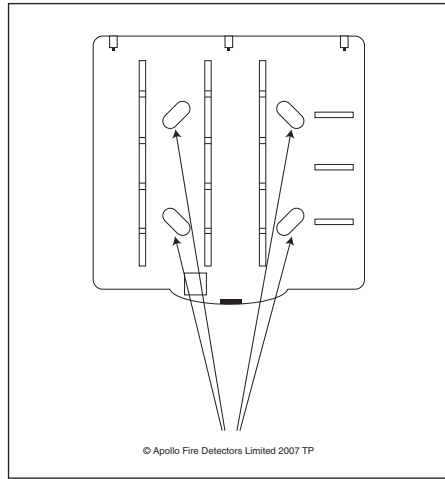
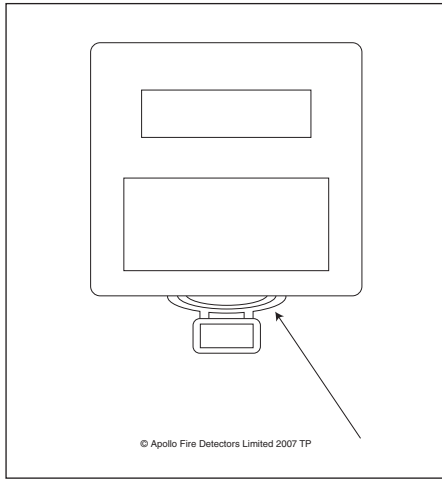
Spares	Description
29600-399	Red XPERT card

The installation must conform to BS5839-1:2008 (or applicable local codes). The manual call point is suitable for indoor use only (type A).

### Installation

Ensure that all manual call points are sited in accordance with the survey and system design. Manual call points 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.



**Fig 1** Back plate Fixing Screw and removal slot **Fig 2** Mounting holes

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 call point according to the XPander commissioning guide PP2286.

#### Resetting the call point

Unlock the front cover by inserting the forked key and pushing home. Pull the cover down then push up until it locks.

#### XPERT card insertion and removal

Removal requires access to the inner section of the MCP. Unlock the front cover by inserting the forked key and pushing it home. Pull the cover down and remove the deformable element. Remove the two front assembly retaining screws allowing access to the PCB. Insert a flat-blade screwdriver just inside the rim of the MCP above the XPERT card and disengage the card retaining clip whilst pulling the XPERT card out.

#### Battery Type

6x AA, 1.5V Alkaline Duracell Procell (MN1500, 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.

