

Recess Mounting Adaptor

APPLICATION NOTE

This Application Note covers the YBN-UA Recess Mounting Adaptor

Description

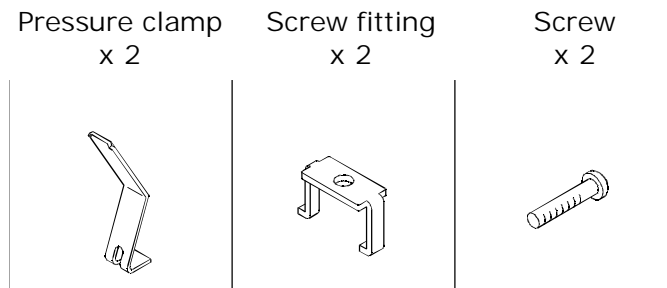
The YBN-UA Recess Mounting Adaptor is a new addition to the CDX/ESP range which allows detectors/sensors to be flush mounted, this is particularly suited to where unobtrusive detection is required. The YBN-UA is designed to allow most types of mounting bases to be fitted, the table below shows a list of compatible bases:

| Base Part No. | Description |
|---------------|---|
| YBN-R/3 | ESP standard base |
| YBN-R/4 | CDX standard base (without REMOTE INDICATOR LED) |
| YBN-R/6 | CDX standard base (with REMOTE INDICATOR LED) |
| YBO-R/5 | CDX standard base (with REMOTE INDICATOR LED) |
| YBN-R/4SK | CDX Schottky Diode base (without REMOTE INDICATOR LED) |
| YBN-R/6SK | CDX Schottky Diode base (with REMOTE INDICATOR LED) |
| YBO-R/5SK | CDX SAFELINE base (with REMOTE INDICATOR LED) |
| YBO-R/5ZD | CDX LIVELINE (with REMOTE INDICATOR LED) |
| YBO-R/5E | ESCO & Mini-200 |
| YBO-R/12V | CDX 12-volt base |
| YBO-R/5PA | CDX 2-Wire base |
| YBO-R/6PA | CDX 2-Wire base |
| YBN-R/4M | CDX Marine-Approved standard base |
| YBO-R/5M | CDX Marine Approved standard base (with REMOTE INDICATOR LED) |
| YBO-R/6R | CDX relay base (latching) |
| YBO-R/6RN | CDX relay base (non-latching) |
| YBO-R/6RS | CDX relay base (latching with Schottky Diode) |

Note: - The YBN-UA is only available in ivory white

Installation

To install the YBN-UA, a YYA-A fixing kit should be obtained this consists of the parts shown below.



Firstly a hole with a diameter of 115mm should be cut into the ceiling. The pressure clamps should then be fitted to the YBN-UA in a vertical position, using the screw fittings and the fixing screws, please refer to fig. 1.

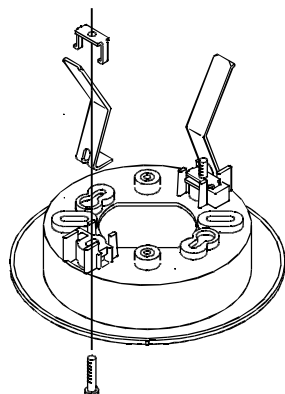


Fig 1

The next step is to fit the YBN-UA into the hole in the ceiling. Whilst looking through the Recess Adaptor cable hole, loosen the screws until the metal pressure clamps lower in to place, please refer to fig.2. Then re-tighten the bracket screws until the pressure clamps are fixed in the horizontal position.

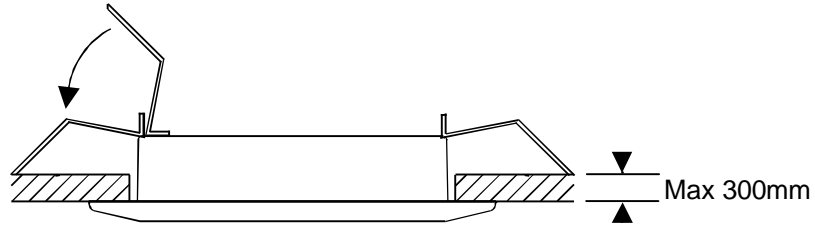


Fig 2

Installing the mounting base

Once the YBN-UA has been secured the relevant mounting base needs to be fixed using the M4 x 16mm screws supplied. When fitting the base the locating mark on the base must be lined up with the locating mark on the YBN-UA, please refer to fig.3.

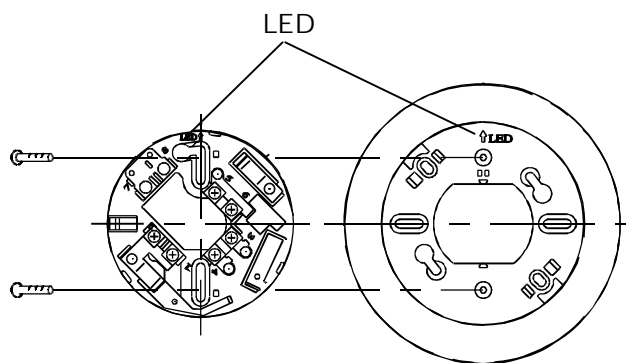


Fig 3

When the above steps have been completed the relevant detector/sensor can be fitted, please refer to fig.4.

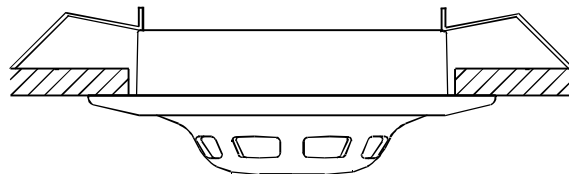


Fig 4

Note: For further information on this product please refer to document 2-3-0-377



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