



# Hochiki YBN-UA Recess Base Adaptor



The YBN-UA is a Recess Base adaptor which allows detectors/sensors from the CDX/ASX range to be flush mounted, this is particularly suited to where unobtrusive detection is required.

## Compatibility

The YBN-UA will allow most types of mounting bases to be fitted, please find below a list of compatible base types.

Base Name	Part No.	Base Name	Part No.
CDX Simple Base without REM LED	YBN-R/4 & 6	CDX SAV WIRE with REM. LED	YBO-R/5PA &6PA
CDX Simple Base with REM LED	YBO-R/5	CDX 12V Base	YBO-R/12V
CDX SAFELINE Base without REM LED	YBN-R/4SK & 6SK	ESCO & Mini-2000	YBO-R/5E
CDX SAFELINE with REM LED	YBO-R/5SK	ASX Analogue Base	YBN-R/3
CDX LIVELINE with REM LED	YBO-R/5ZD	CDX Relay Base - Latching	YBO-R/6R
CDX Relay Base - Non Latching	YBO-R/6RN	CDX Relay Base with Schottky Diode	YBO-R/6RS

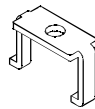
Each base type has been designed in accordance with local standards and may not necessarily be suitable for use on any Alarm Control Panel. Check compatibility with the Alarm Control Panel manufacturer before installation.

## Installation

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



Pressure clamp x 2



Screw fitting x 2



Screw x 2

Firstly a hole with a diameter of 115mm should be cut in the ceiling tile. The pressure clamps should then be fitted to the YBN-UA in a vertical position using the screw fittings and the fixing screws, refer to fig.1. The next step is to pull the cables through and fit the YBN-UA into the hole in the ceiling and whilst looking through the Recess Adaptor cable hole, loosen the screws until the pressure clamps lower into place refer to fig.2. Re-tighten the bracket screws until the pressure clamps are fixed in the horizontal position.

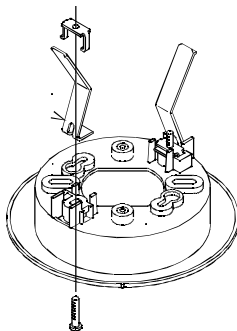


Fig 1

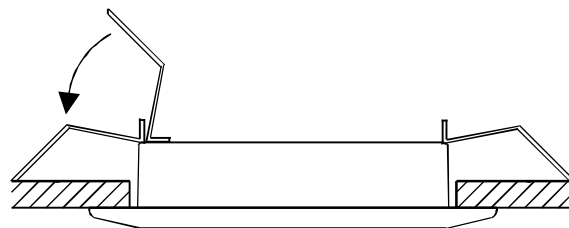


Fig 2

Once the YBN-UA has been secured, the relevant mounting base needs to be fixed with the M4 x 16mm screws supplied. When fitting the base the locating "LED" mark on the base must be lined up with the locating "LED" mark on the YBN-UA, please refer to fig.3. Once the base has been fitted the relevant detector/sensor can then be attached, please refer to fig.4.

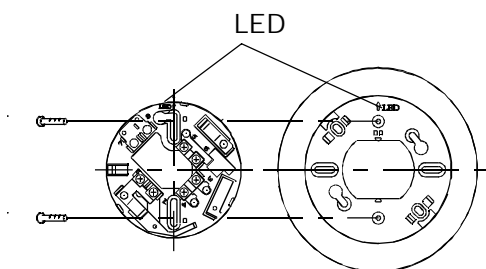


Fig 3

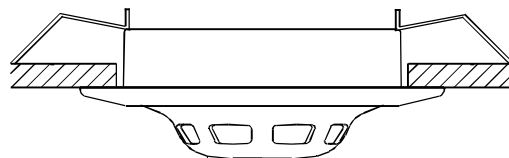


Fig 4

Please find below a list of detectors/sensors and the height they will be from the ceiling when fitted to the relevant bases.

		YBN STYLE BASES			YBO STYLE BASES					
		R/4 & R/6	R/4SK & R/6SK	R/3	R/5, R/6R, R/6RN & R/6RS	R/5SK	R/5ZD	R/5PA & R/6PA	R/5E	R/12V
ASX	ALG-E	N/A	N/A	26mm	N/A	N/A	N/A	N/A	N/A	N/A
	AIE-E	N/A	N/A	32mm	N/A	N/A	N/A	N/A	N/A	N/A
	ATG-E	N/A	N/A	28mm	N/A	N/A	N/A	N/A	N/A	N/A
	ACA-E	N/A	N/A	26mm	N/A	N/A	N/A	N/A	N/A	N/A
CDX	SLR-E & E3	26mm	26mm	N/A	31mm	31mm	31mm	31mm	31mm	31mm
	SIJ-E	26mm	26mm	N/A	31mm	31mm	31mm	31mm	31mm	31mm
	DFJ Range	27mm	27mm	N/A	32mm	32mm	32mm	32mm	32mm	32mm
	DCD Range	27mm	27mm	N/A	32mm	32mm	32mm	32mm	32mm	32mm

## Specification

Operating Temperature Range	-10 °C to +50 °C
Humidity Range	10% to 95% RH
Dimensions : Diameter	140 mm
Depth	46 mm
Fixing Holes	48mm to 74mm
Drilled Hole Size	115mm
Weight	65g

## Precautions

- Ensure that the base is installed in accordance with Local Standards or Regulations.
- Check that the detector/sensor is compatible with the base type.
- Only install in suitable environments, the following should be avoided:-
  - Excessive ambient temperature.
  - Where excessive condensation or moisture is present.
  - Hazardous areas.
- Do not use a high voltage tester on the base or detector
- Ensure that the base adaptor is securely fixed to the ceiling or other suitable surface.
- Ensure that the base terminals are securely fastened.



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