Hochiki Addressable Base Installation Instructions

Addressable Base YCA-RL/3H2 (M)#
Addressable Master Base YCA-RL/5H2 (M)#

Compatibility

Each base type has been designed in accordance with local standards and the Hochiki "ESP" protocol. It is not necessarily suitable for use on any fire alarm control panel. Check compatibility with the control panel manufacturer before installation.

The above-mentioned bases can only be installed with the following conventional detectors.

YCA-RL/3H2 with: SLR, SIJ, DFJ, DCD, SLK, SIH, DFE, DCC

YCA-RL/5H2 with:

BaseType	SLR	SIJ	DCD	DFJ	SLK	SIH	DCC	DFE	HF-24
Master (5H2)	1	1	1	1	1	1	1	1	1
Slave: R/4, R/5, R/4A	5	5	5	5	0	0	0	0	0
Slave: 4H5	0	0	0	0	5	5	5	No limit	0

Base Specification

Ordering codes		YCA-RL/3H2* (M)#	YCA-RL/5H2* (M)#
Operating voltage		17-41 Vdc	17-41 Vdc
Current consumption	Quiescent:	245µA (typical)	300µA (typical)
	Low power mode:	110µA (typical)	185µA (typical)
	Polling:	22mA	22mA
	Alarm:	15mA (remote LED on)	38mA (remote LED on)
Transmission method		Digital communication using ESP	
Operating temperature range		0°C to +50°C	
Maximum humidity		95%RH - Non condensing (at 40°C)	
Colour and case material		Ivory ABS	
Fixing centres		48mm through to 74mm	
Maximum wire thickness		2.5mm²/terminal	
Weight		60g to 75g	

**Fire alarm control panel compatibility is required for these products.*
#Products superseded by an (M) are special variants for the Australian market.

Precautions

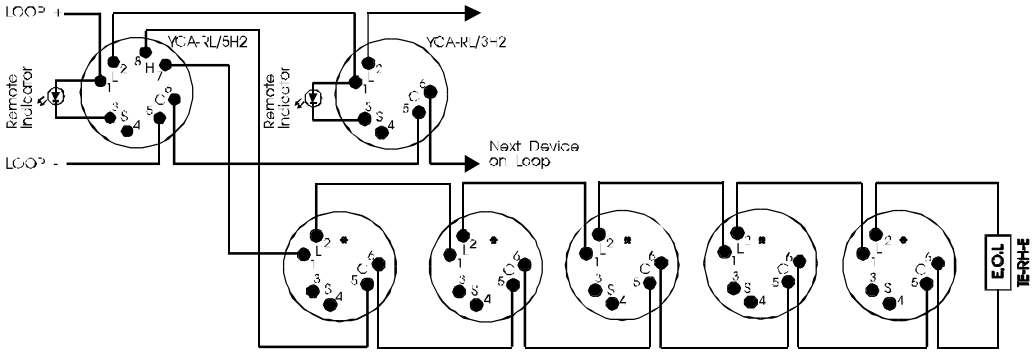
- ❑ Ensure that the base is installed in accordance with Local Standards or Regulations.
- ❑ Check that the detector is compatible with the base type.
- ❑ Only install in suitable environments, the following should be avoided:-
  - *Excessive ambient temperature (see above specification)*
  - *Where excessive condensation or moisture is present (see above specification)*
  - *Hazardous areas.*
- ❑ Do not use a high voltage tester on the base or detector.
- ❑ Ensure that the base is securely fixed to the ceiling or other suitable surface.
- ❑ Ensure only one conductor is connected to L2, any additional conductors e.g.:- Remote Indicators should be connected to L1.
- ❑ Ensure that the base terminals are securely fastened.
- ❑ For proper wiring supervision see overleaf.
- ❑ These products are intended for indoor use only.
- ❑ Do not disassemble the product.

- ❑ Ensure that the base address is correctly set and is not the same as any other device on the same loop.

Note - Hochiki Europe (UK) Ltd. reserves the right to alter the specification of its products from time to time without notice. Although every effort has been made to ensure the accuracy of the information contained within this document it is not warranted or represented by Hochiki Europe (UK) Ltd. to be a complete and up-to-date description.

Wiring & Addressing

For wiring supervision and address setting, refer to the diagrams below.

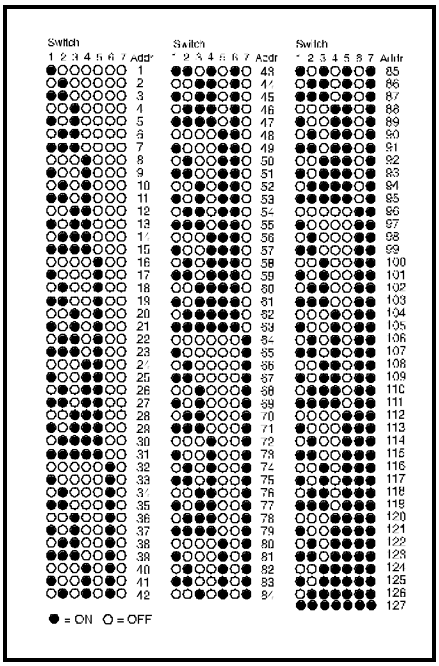


***Slave Bases:-** YBF-RL/4H5, YBK-R/5, YBN-R/4, YBO-R/5, YBO-R/4A[#]

[#]*Australian slave base type*

Note:- Remote LED's cannot be driven from the slave bases

Setting The Loop Address



- ❑ The address is set using the first 7 switches of the 8 bit DIL switch. The switch should be in the up position for ON and down for OFF.
- ❑ Set the switches as defined below for the required address.

Note :-

BIT 8 on the DIL switch controls if the LED flashes.

BIT 8 ON - Base LED flashes
OFF - Base LED does not flash

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