

APPLICATION NOTE

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CDX RANGE OF SMOKE & HEAT DETECTORS APPLICATION NOTE

The new range of CDX detectors have many new features that assist the user/installer. The new CDX Photoelectric detector has a flat response that in many cases removes the need to use ionisation detectors. The CDX range consists of the following detectors:-

PART NUMBER	DESCRIPTION
SLR-E	Optical smoke detector
SIJ-E	Ionisation smoke detector
DCD-1E,2E,R1E	Rate of rise heat detectors
DFJ-60E,90E	Fixed temperature heat detectors

FIRE INDICATION

The new CDX detectors have twin fire indication LED's on the head, which allows 360 degree visual alarm indication. This makes installation much simpler as the installer does not need to set the orientation of the CDX bases.

CDX BASES

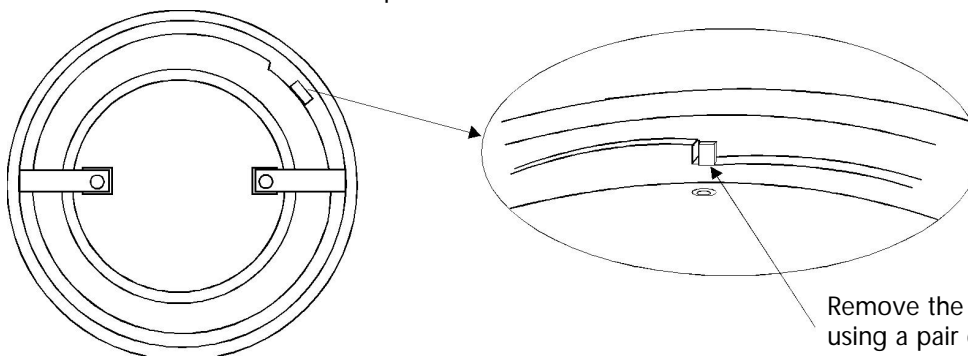
Please find below the range of new CDX bases ;

BASE TYPE	BASE DESCRIPTION
YBN-R/4	Electronics free base without remote LED
YBN-R/4SK	Electronics free base with schottky diode but without remote LED
YBO-R/5	Standard base with remote LED
YBO-R/5SK	Standard base with schottky diode and remote LED
YBO-R/5ZD	Standard base with zener diode and remote LED
YBO-R/5PA	Sav-wire base with remote LED

Please note that the CDX range of detectors will not work on the CD range of bases and the CD range of detectors will not work on the CDX range of bases.

HEAD LOCKING MECHANISM

The CDX range of detectors and bases have a head to base locking mechanism which is implemented by removing a tab from the detector, **once this tab is removed the detector will always lock onto the CDX base it is fitted to**. The locked head can then be removed with a head removal tool (TSC-A100/ALG) which can be mounted on the end of a pole.



Remove the above tab carefully using a pair of pliers to lock the head onto a base.

COMPATABILITY WITH ADDRESSABLE AND MASTER BASES

The CDX range of detectors will work on Hochiki ESP and HRE addressable and master bases. Please see table below :-

Head	Base Type	Slave Base Type	Fire indicated	Head LED's illuminated	Base LED illuminated
CDX	YCA-RL/3H2	N/A	YES	NO	YES
CDX	YCA-RL/5H2	YBF-RL/4H5 + CD Head	YES	N/A	YES
		YBN-R/4 + CDX Head	YES	YES	N/A
		YBO-R/5 + CDX Head	YES	YES	N/A
CDX	AMU-B2	N/A	YES	NO	YES
CDX	AMU-MB	YBF-RL/3J + CD Head	YES	N/A	YES
		YBF-RL/3J + CDX Head	YES	NO	YES



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