

Detector compatibility <Matrix list>

"◎" mark: original (enclosed), "○" mark: Connection possible, "△" mark: Caution required, "×" mark: Connection not possible

Control box series		XC-G Series	XC-F Series	XC-E Series	XC-B Series	XC-A Series		XC Series		ZK-A Series	LF-A Series	ZK Series	LF Series		
Control box type Detector type		XC-GMF	XC-FMF	XC-EMF XC-EN	XC-BMF XC-BMBL XC-BFL XC-BN	XC-AFL XC-AN	XC-AMF XC-AM	XC-M XC-FL XC-N	XC-MF	ZK-AMBL	LF-AMDF LF-AM	ZK-MBL ZK-FL ZK	LF-M	LF-MDF (DIP switch 32P side)	LF-MDF (DIP switch 64P side)
	General detector	XC-KE-01P	◎	◎	◎	○ Note1	×	×	×	×	×	×	×	×	×
XC-KB-12P		○	○	○	◎	○	× Note2	○	× Note2	○	× Note2	○	○	× Note2	×
XC-KB-12		○	○	○	○	◎	△ Note3	○	△ Note3	○	△ Note3	○	○	△ Note3	×
XC-KB-22		×	×	×	×	○	○	○	○	○	○	○	○	○	×
XC-K-12P		○	○	○	◎	○	× Note2	○	× Note2	○	× Note2	○	○	× Note2	×
XC-K-22		×	×	×	×	○	◎	○	◎	○	◎	○	○	○	×
XC-K-12		○	○	○	○	◎	△ Note3	◎	△ Note3	◎	△ Note3	○	○	△ Note3	×
LA-K-22		×	×	×	×	○	○	○	○	○	○	○	○	◎	×
LA-K-12		○	○	○	○	○	△ Note3	○	△ Note3	○	△ Note3	◎	◎	△ Note3	×
Mitsubishi Sewing machine detector	XC-K-2000	○	○	○	○	○	× Note2	○	× Note2	×	×	×	×	×	×
	XC-K-1002	○	○	○	○	○	× Note2	○	× Note2	○	× Note2	○	○	× Note2	×
	XC-K-1000 XC-K-1001	○	○	○	○	○	○	○	○	○	○	○	○	○	×
	XC-K-230-E XC-K-230-F	○	○	○	○	○	○	○	○	○	○	○	○	○	×
	XC-K-180	○	○	○	○	○	○	○	○	○	○	○	○	○	×
	XC-K-230-C XC-K-230-D	○	○	○	○ Note4	×	×	×	×	×	×	×	×	×	○
	LA-K-180	○	○	○	○	○	○	○	○	○	○	○	○	○	×
	XA-K-230-C XA-K-230-D	○	○	○	○ Note4	×	×	×	×	×	×	×	×	×	○
	LA-K-190	○	○	○	○	○	○	○	○	○	○	○	○	○	×

Note1 : The detector does not have a PG signal, so when using a pulse output (CP output) with the XC-BFL or XC-BMF, the pulse output cannot be output.

Note2 : The ground from the sewing machine is connected to the control box's TM signal (thread trimming position), so this cannot be connected.

However, this can be used if the detector's ground wire is cut off (pin removed), etc., and the ground is not connected.

Note3 : The detector does not have a TM signal (thread trimming position), so this cannot be used with a sewing machine that uses the thread trimming position TM signal.

Note4 : When using the pulse output (CP output) with the XC-BFL or XC-BMF, the pulse output will be double at 64 pulses.