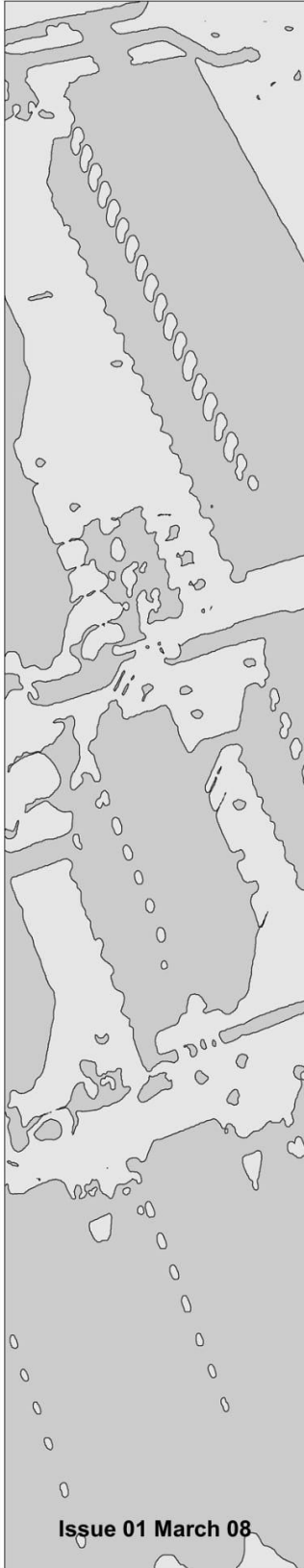




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FirePro Systems Ltd

FirePro®

Fire Extinguishing Aerosol Systems

Sigma XT Extinguishant Control Panel

User Manual



Model: FP-K11031M2

Manufactured by: **Kentec Electronics Ltd, UK**

Issue 01 March 08



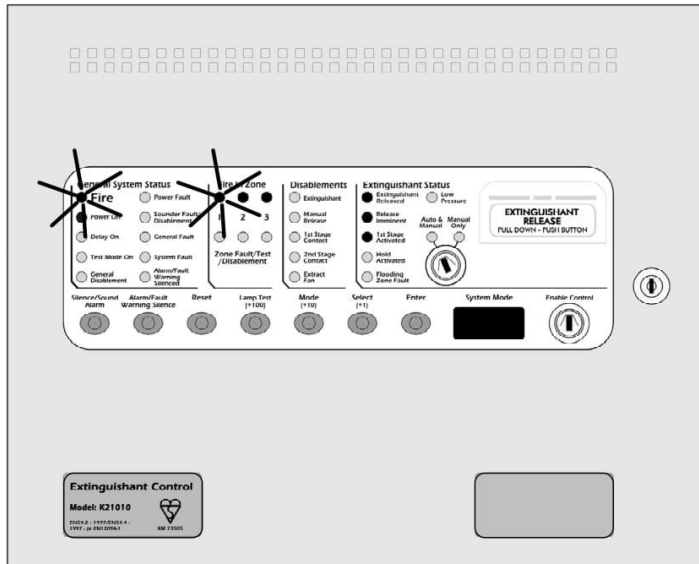
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Fire alarm condition

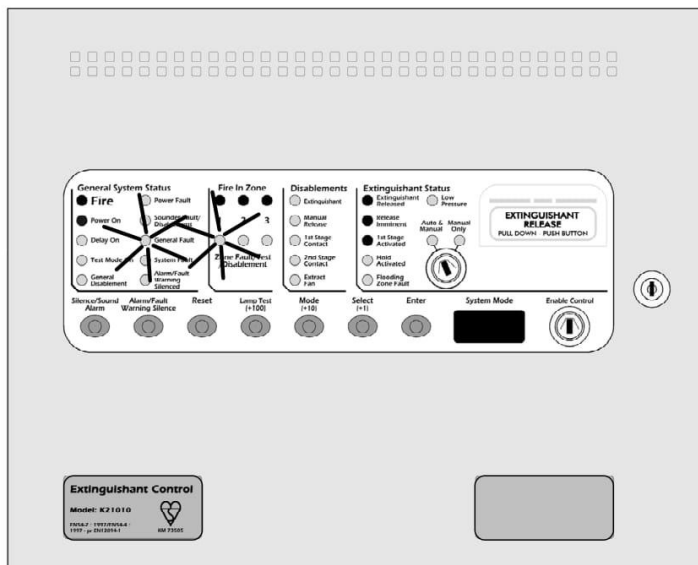
General fire indicator lights and zonal fire indicators flash. Buzzer sounds urgently.



Carry out fire procedure.

Fault condition

General fault indicator lights and specific fault indicators flash. Buzzer sounds continuously.



Call maintenance engineer.



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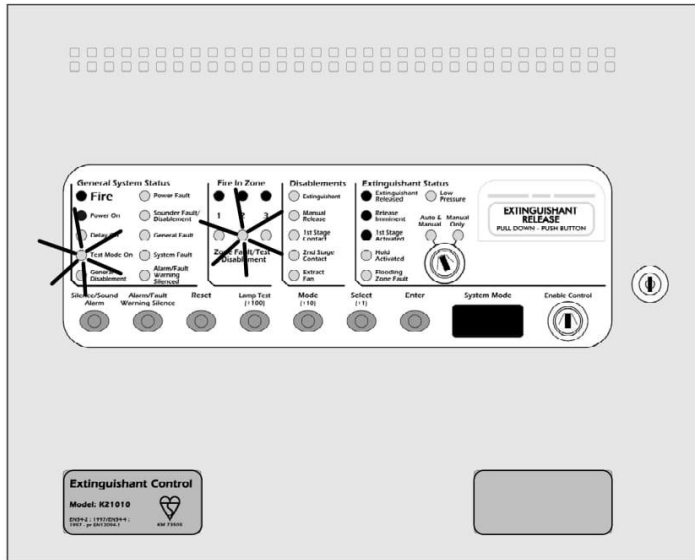
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Disabled condition

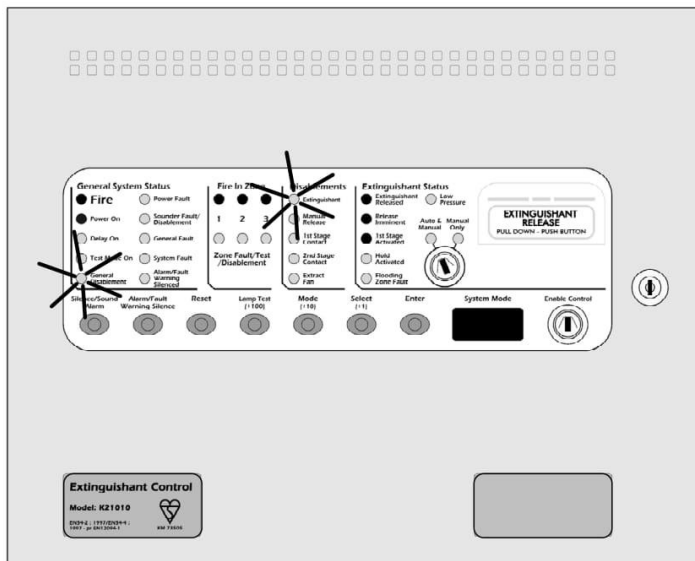
General disablement indicator and specific fault indicator lit continuously.



Maintain vigilance during disablement conditions.

Test condition

Test indicator and specific fault indicator lit continuously.



Ensure system is returned to normal when testing is finished.



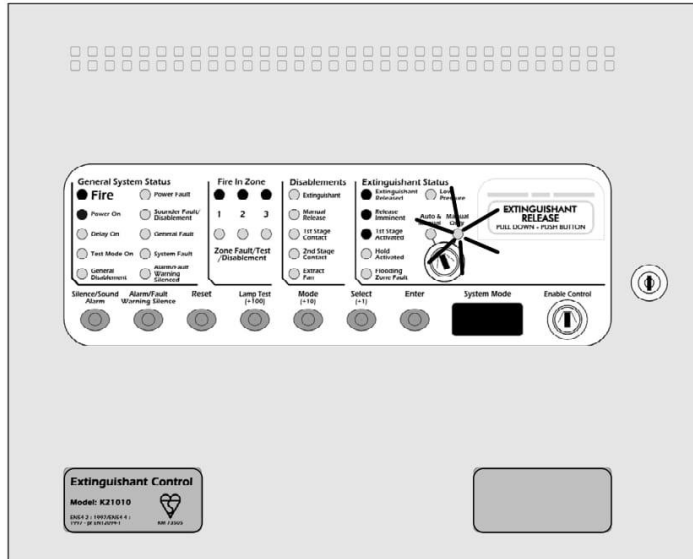
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Manual only mode

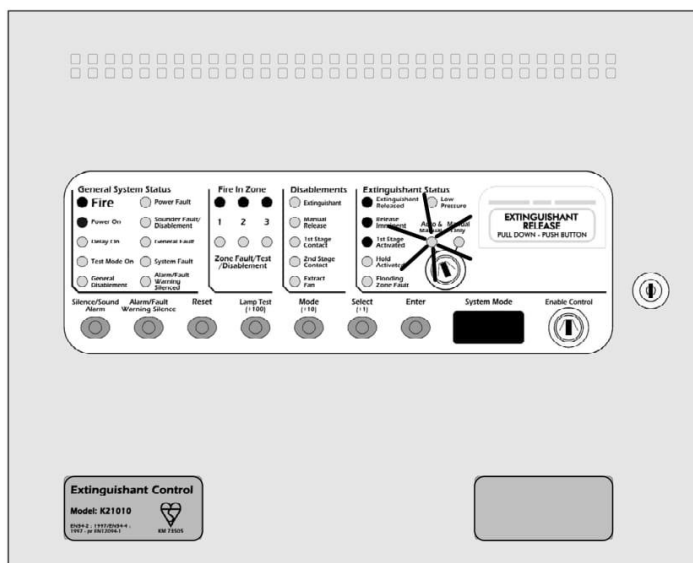
Manual only indicator lit



Extinguishant will not be released by automatic detection.

Automatic and Manual mode

Automatic and Manual indicator lit



Extinguishant will be released by automatic detection.



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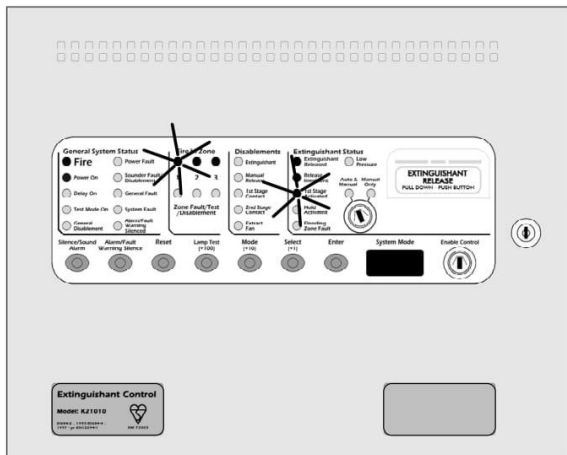
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1st Stage activated

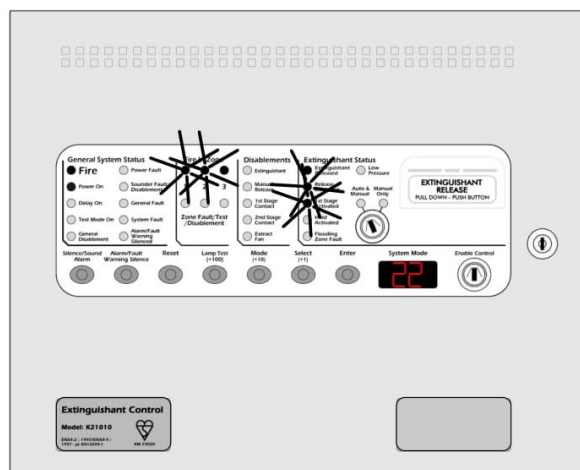
Normally accompanied by a zonal fire indicator. If no zonal fire indicator and Release imminent indicator is lit then a manual release button has been activated.



1st stage of automatic release of extinguishant has started.

Release Imminent

Always accompanied by 1st stage activated indicator. Normally accompanied by more than one zonal fire indicator. Countdown timer to extinguishant release has started. Time remaining before release indicated in seconds on seven segment display. If no zone fire LEDs lit then release is by manual unit.



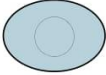
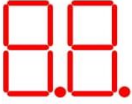
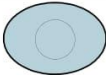


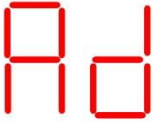


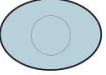

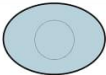
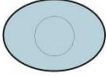

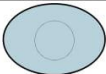

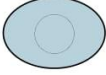

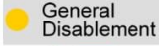

Extinguishant will be released when timer reaches zero, display will show EEE during extinguishant release.



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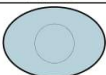


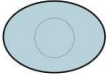

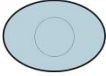

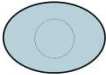


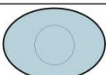

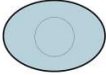

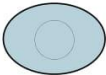
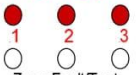

How To	Do This	Display	Comments
Test lamps	 Lamp Test Press button	 All lamps on	Buzzer sounds whilst button is pressed
Silence buzzer	 Alarm/Fault Warning Silence Press button		
Enable buttons	 Enable Control Insert key and turn		Buzzer beeps twice every seven seconds
Silence alarms	 Silence/Sound Alarm Press button		
Sound alarms	 Silence/Sound Alarm Press button		Buzzer beeps urgently
Reset	 Reset Press button	All fault indicators flash for 3 seconds	Resets fire detection system. Extinguishant system will reset only after the extinguishant has been released
Disable a zone step 1	 Mode Press button till d1 displayed	 First display	
Disable a zone step 2	 Select Press button to scroll zones	 Zone 2	
Disable a zone step 3	 Enter Press button	 Fire In Zone Zone Fault/Test/Disablement Zone 2 fault LED lit	  Dot flashes when disabled



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How To	Do This	Display	Comments
Put a zone into test mode step 1	 Mode Press button till t1 displayed	 First display	
Put a zone into test mode step 2	 Select Press button to scroll zones	 Zone 2	
Put a zone into test mode step 3	 Enter Press button	Fire In Zone  Zone Fault/Test /Disablement Zone 2 fault LED lit	 Test Mode On Dot flashes when disabled
Enable a zone step 1	 Mode Press button till d1 displayed	 First display	
Enable a zone step 2	 Select Press button to scroll zones	 Zone 2	Disabled zones will have flashing dot.
Enable a zone step 3	 Enter Press button	Fire In Zone  Zone Fault/Test /Disablement Zone fault LED off	 Dot stops flashing when enabled
Exit test mode step 1	 Mode Press button	 First display	
Exit test mode step 2	 Select Press to scroll zones	 Zone 2	Zones in test mode will have flashing dot
Exit test mode step 3	 Enter Press button	Fire In Zone  Zone Fault/Test /Disablement Zone 1 fault LED off	 Dot stops flashing when test mode exited



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How To	Do This	Display	Comments
Change from Manual only to Automatic and Manual and vice versa	<p>Automatic & Manual Manual Only</p> <p>Insert key and turn</p>	<p>Automatic & Manual Manual Only</p>	
Start Extract fan	<p>Enable Control</p> <p>Insert key and turn</p>		
Press Mode button till Ac appears in display	<p>Enter Press button</p>	Ac	
Press Enter button again to turn extract fan on Press Enter button again to turn extract fan off	<p>Enter Press button</p>	Ac.	Dot flashes to indicate extract active. Dot stops flashing to indicate extractive inactive
Manually release the extinguishant CAUTION	<p>Pull down flap and press button to release extinguishant</p>		Extinguishant will release after time displayed in seconds on the countdown timer
Disable extinguishant control step 1	<p>Mode Press mode button till dE is displayed</p>	dE	
Disable extinguishant control step 2	<p>Enter Press button</p>	dE.	Dot flashes to indicate extinguishant control is disabled
Enable extinguishant control step 1	<p>Mode Press mode button till dE is displayed</p>	dE.	Flashing dot indicates extinguishant control disabled
Enable extinguishant control step 2	<p>Enter Press button</p>	dE	Dot stops flashing to indicate extinguishant control enabled



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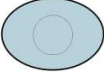
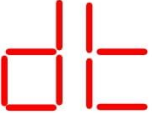


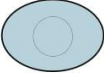
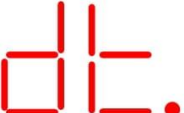





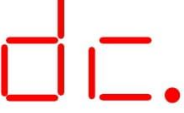

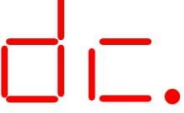


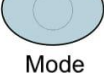



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How To	Do This	Display	Comments
Disable manual release step 1	 Mode Press mode button till dt is displayed		
Disable manual release step 1	 Enter Press button		Dot flashes to indicate Manual release is disabled
Enable Manual release step 1	 Mode Press mode button till dt is displayed		Flashing dot indicates Manual release disabled
Enable Manual release step 2	 Enter Press button		Dot stops flashing to indicate Manual release enabled
Disable extract fan step 1	 Mode Press mode button till dc is displayed		
Disable extract fan step 2	 Enter Press button		Dot flashes to indicate Extract fan is disabled
Enable extract fan step 1	 Mode Press mode button till dc is displayed		Flashing dot indicates extract fan disabled
Enable extract fan step 2	 Enter Press button		Dot stops flashing to indicate Extract fan enabled
Disable first stage relay output step 1	 Mode Press mode button till dP is displayed		
Disable first stage relay output step 2	 Enter Press button		Dot flashes to indicate first stage relay output is disabled



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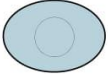
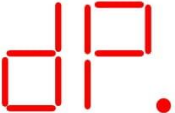
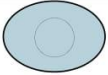

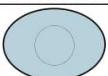

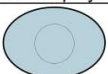
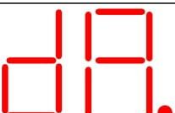




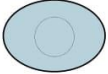

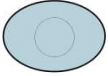

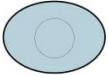
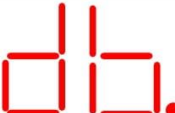
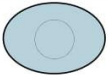

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Enable first stage relay output step 1	 Mode Press mode button till dP is displayed		Flashing dot indicates first stage relay output disabled
Enable first stage relay output step 2	 Enter Press button		Dot stops flashing to indicate first stage relay output enabled
Disable second stage relay output step 1	 Mode Press mode button till dA is displayed		
Disable second stage relay output step 2	 Enter Press button		Dot flashes to indicate second stage relay output is disabled
Enable second stage relay output step 1	 Mode Press mode button till dP is displayed		Flashing dot indicates second stage relay output disabled
Enable second stage relay output step 2	 Enter Press button		Dot stops flashing to indicate second stage relay output enabled
Disable first stage sounders step 1	 Mode Press mode button till db is displayed		
Disable first stage sounders step 1	 Enter Press button		Dot flashes to indicate first stage sounders are disabled
Enable first stage sounders step 1	 Mode Press mode button till db is displayed		Flashing dot indicates first stage sounders disabled
Enable first stage sounders step 2	 Enter Press button		Dot stops flashing to indicate first stage sounders enabled