



Hong Chang
Fire Brigade Materials Co.,Ltd.



FIRE ALARM CONTROL PANEL



FIRE ALARM CONTROL PANEL

The panel system is microcomputer designed for fire alarm, smoke exhaust, water sprinkle, fire-fighting foam control.

All PCB are based on modules and stable, easy replace and maintain. Auto test function makes it easy to check and control.



20 zone



5 zone



10 zone

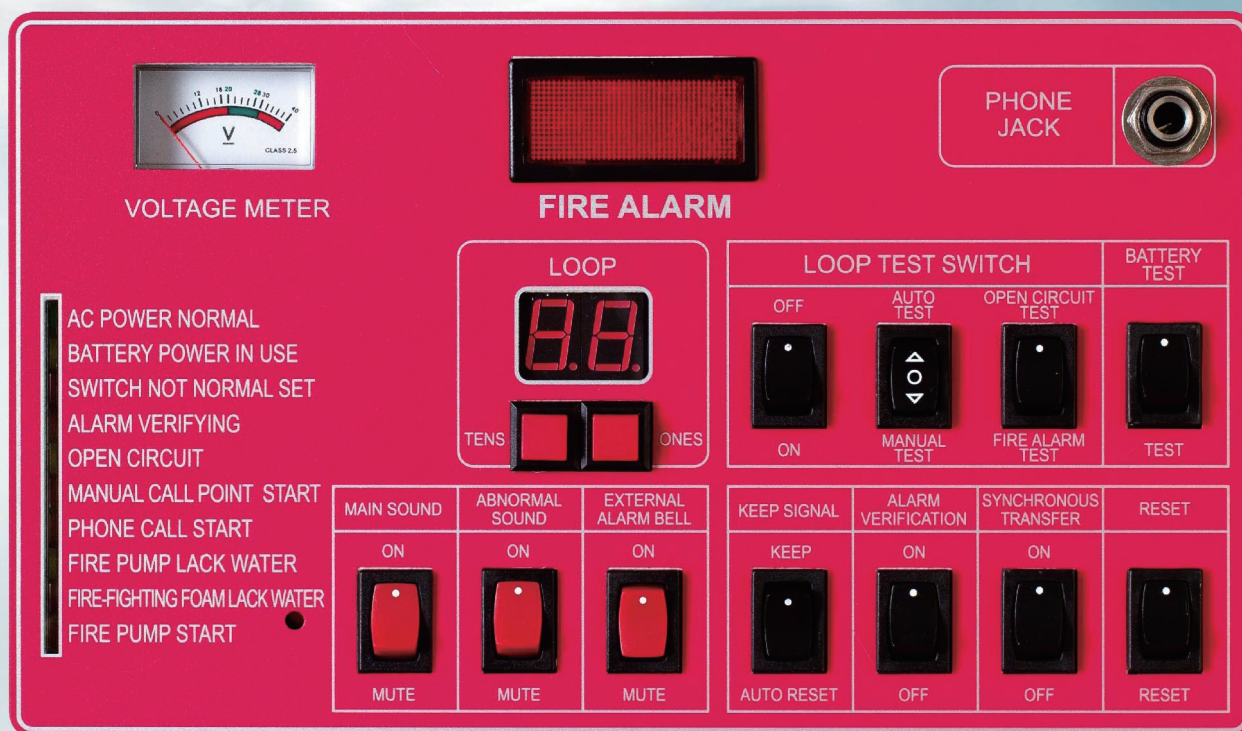


15 zone

Function

- 1 Alarm Verification** Double check the fire alarm signal to avoid false alarm.
- 2 Battery self-protect** Battery is running lower 18VDC, it will stop discharging.
- 3 Indication LED** Different color light to indicate different condition.
- 4 Loop auto test and manual test** Test loop from 1 to the last automatically or set a certain loop manually to test.
- 5 Annunciator Panel is available.**

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Sound Control Switch

• MAIN SOUND	ON → MUTE
• ABNORMAL SOUND	Abnormal condition like open circuit, fire pump lack water, fire pump start.
• EXTERNAL ALARM BELL	ON → MUTE

Function Switch

• KEEP SIGNAL	Keep the signal continuously.
• ALARM VERIFICATION	When receiving a fire alarm signal, panel will wait for 5~8 seconds to verify.
• SYNCHRONOUS TRANSFER	With 1 set of null- voltage contact (N/O) to transmit fire alarm synchronously.
• RESET	Cancel all signals. (switch rebound automatically)

Loop Test Switch

• AUTO TEST	Test loop from zone 1 to the last automatically.
• MANUAL TEST	Test certain loop manually by setting ONES and TENS.

Battery Switch

- Press switch to show the voltage on VOLTAGE METER. (switch rebound automatically)

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5~15 zone



300x410x107 mm
(W) (H) (D)

20~30 zone



370x510x150 mm
(W) (H) (D)

35~60 zone



480x720x200 mm
(W) (H) (D)

Type	Conventional type	Spare Battery	24VDC
Model	HC-5AL..HC-100L	End of Line Resistance	10KΩ
Zone	5~100+	Max. Amount of smoke detectors	20 pcs/Loop
Input Voltage	220VAC/50Hz	Alarm Verifying Time	7 seconds
Operation Voltage	24VDC	Exterior Resistance	Round-trip under 56Ω

5~15 zone	20~30 zone	35~60 zone	65~90 zone	95~100 zone
300(W)	370(W)	480(W)	480(W)	480(W)
410(H)	510(H)	720(H)	850(H)	1000(H)
107(D)	150(D)	200(D)	200(D)	220(D)
mm	mm	mm	mm	mm



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