:: Chubb Controlmaster 100

Fire Systems

Prevent Fire | **Detect Fire** | Contain Fire | Escape Fire

:: Product

Controlmaster 100 Analogue Addressable Fire Alarm Control Panel

:: System Benefits

The Chubb Controlmaster 100 utilises the latest in analogue addressable fire alarm technology to provide a high quality flexible fire detection system which is ideal for medium sized commercial and industrial premises.

High standards of build quality and performance
The controlmaster 100 has been designed to comply with the requirements of the European standard EN54.

Professionally finished
All control panels are engineered from high quality steel, with pre-formed 20mm knockouts located on the top of the enclosure for cable access.

Compatible with a wide range of detection devices
Smoke detectors, manual call points, loop powered sounders, loop powered beacons and other loop devices are wired onto a Controlmaster system via a single two-wire loop.

Reduced Installation Costs
Reduces installation cabling costs when compared with the cost of installing a large conventional fire detection system.

Flexible
Powerful PC configuration software allows the system to be configured to suit individual site specific detection and control requirements. Facilities such as delayed sounder response and day/night disablement of individual devices allow the fire detection system to be managed effectively.

Full control
In addition to providing precise incident location reports via the two line backlit liquid crystal display, the control panel can be used to control building services such as voice alarm announcements, lift control, fire door closures, smoke vents and other appropriate measures.

Reliable operation
Controlmaster 100 can be connected to a Chubb Alarm Receiving Centre (ARC). This will provide 24hr remote monitoring ensuring a rapid response to fire or fault conditions.

Optional integral printer
Controlmaster 100 can be provided with an optional integral printer (40 characters per line).

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▪▪ Technical Data

	Controlmaster 100
Power	
Input Voltage (VAC)	230
System voltage (VDC)	24
Max. Battery Size	12v, 7A/H (x1)
Current Consumption	
Panel Quiescent Current (mA)	160 mA @ 12 Volts
Panel Alarm Current (mA)	340 mA @ 12 Volts
Outputs	
No. of Loop Driver Outputs	1
Maximum Output per Loop Card (mA)	200
Number of On Board Sounder Circuits	2
Maximum Output Sounder Circuit (mA)	500
Total Sounder Circuit Output (mA)	750
Fire Relay (Rating)	1 Amp @ 30V dc
Alarm Relay (Rating)	1 Amp @ 30V dc
Common Fault Relay (Rating)	1 Amp @ 30V dc
Auxiliary Output (mA)	500 @ 24V dc
24 Programmable open Collector outputs	100 mA over 8 outputs
Power Supply (watts)	100
Environment	
Temperature range (°C)	-5 to +50
Humidity Range	0 - 95%
IP Rating	IP40
Physical	
Dimensions (mm)	Surface Mount - 290H x 365W x 88D Flush Mount - 296H x 371W x 887D
Weight (Excluding batteries) (Kg)	5.5
Colour (Semi Gloss Light Grey)	RAL9002
Part Numbers	
Control Panel, CA Protocol, Surface mount	F850524N
Control Panel, CA Protocol, Flush mount	F850026S
Thermal Printer Assembly kit	F850526N
12V, 7A/H Sealed lead Acid Battery (x2)	F3951894N
Repeater Panel	Special request

Chubb Fire, helping you to:

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Call **0800 32 1666** or visit **www.chubb.co.uk**

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