



# F100A AUS LCD Full Function Mimic

## Product Overview:

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The Pertronic F100A LCD Mimic allows remote display of messages from a F100A panel.

The Pertronic F100A LCD Mimic can perform all the keyboard-display functions of the F100A panel, except programming of the panel, from a remote location.

Up to 8 addressable F100A LCD Mimics may be connected to a F100A panel and operate in 'Full Duplex' mode.

Up to 8 Mini-Mimics with partial controls and full defect monitoring may also be connected to the RS485 bus.

Additional devices may be connected to the F100A's RS485 bus, but these will not be monitored.



**F100A LCD Mimic**

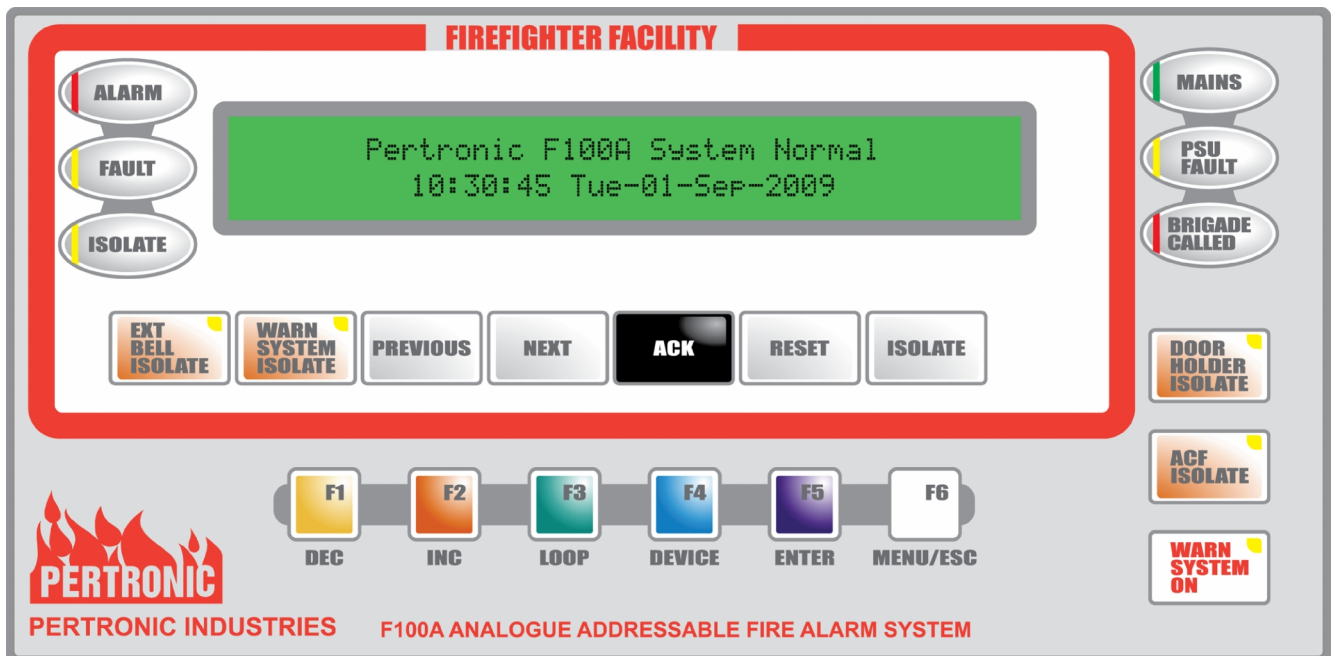
## Features:

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- » Sleek, low-profile design
- » 2 line, 40 character, alpha-numeric LCD display
- » Backlit LCD Display in 'Alarm' or 'Fault' Condition
- » Three LEDs to indicate 'Fire', 'Fault' and 'Isolate' status
- » Local buzzer with extension buzzer output
- » Low Power consumption
- » 'Warning System Isolate' switch: cancels the warning system circuits
- » 'External Bell Isolate' switch: cancels the external bell circuit
- » 'Warning System On' switch: operates the warning system circuits
- » 'Previous' switch: used to navigate forwards through alarm queues and logs
- » 'Next' switch: used to navigate backwards through alarm queues and logs
- » 'ACK' switch: acknowledges individual alarms
- » 'Reset' switch: resets individual alarms after alarm activation
- » 'Isolate' switch: used to isolate and de-isolate loop devices or zones
- » Full Menu controls with Door Holder Isolate, ACF Isolate, Walk Test and Lamp Test dedicated switches with individual LED indication

## Specifications:

» Dimensions	200 x 375 x 50	W x H x D mm
» Cable Termination	0.5 to 2.5 mm <sup>2</sup> plug-in	
» Operating Temperature Range	-10°C to 55°C	
» Relative Humidity	0 to 95% RH, Non-Condensing	
» Ingress Protection Rating	IP20	
» Voltage Range	15 to 30 Vdc	
» Standby Current @ 24 Vdc	16.7 mA	nominal
» Alarm Current @ 24 Vdc	57.6 mA	
» Communications	RS485 Serial Link	
» Cabinet Material	Mild Steel	
» Chassis Colour	Powder coat 'Apo Grey' (Croda 6506, Ameron PE549/6506)	
» End Stop Colour	Powder coat 'Grey Friars' (Croda 6499, Ameron AP746-6637)	



## Ordering Information:

Product Code	Description
F100AMAUS	F100A AUS LCD Full Function Mimic