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# 4004 & 4005

Fire Alarm Solutions  
For Small And Mid-Size Facilities

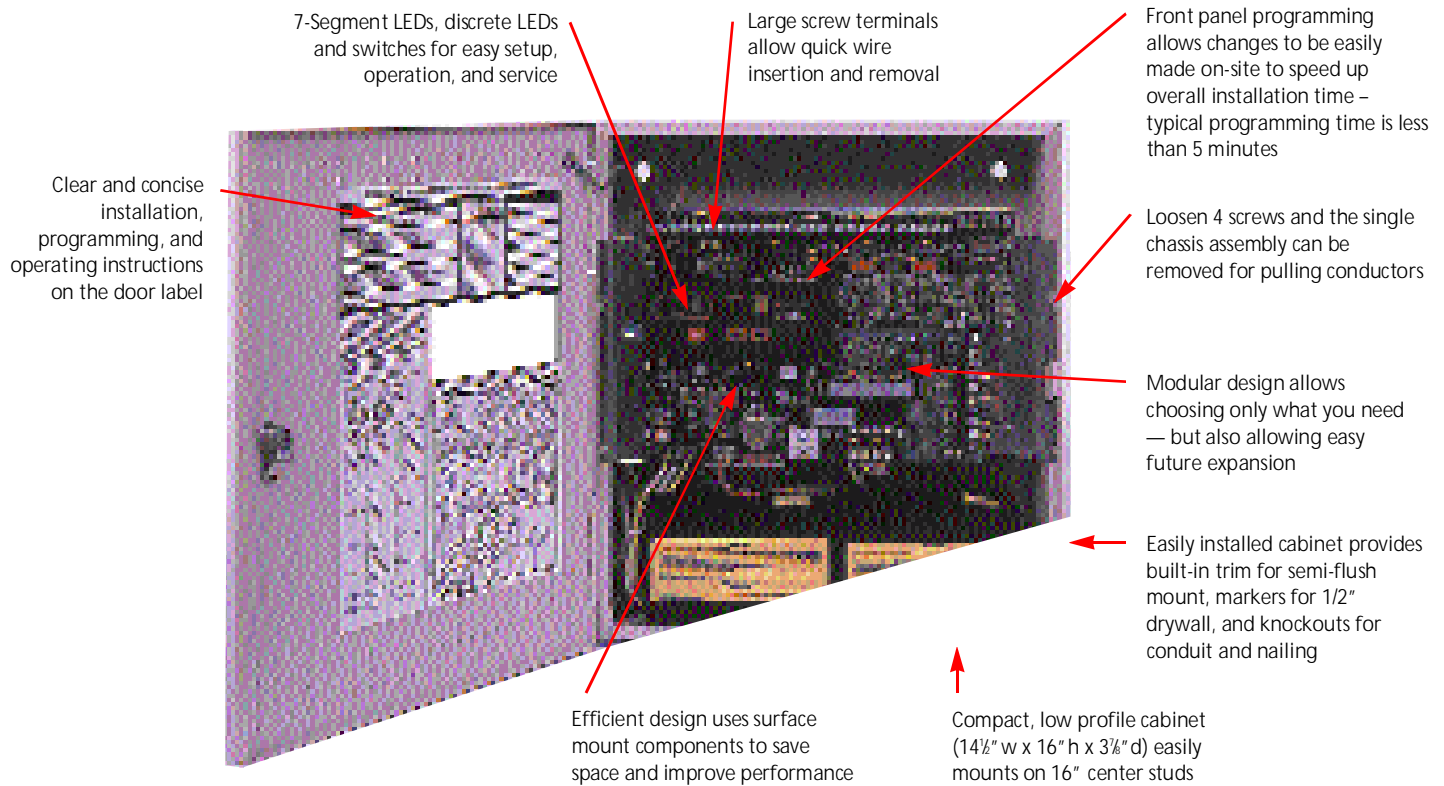
2 To 8 Zones



8 To 36 Zones



# Simplex Model 4004



## Here's the challenge –

You need to provide a fire alarm control panel for a “small” or “mid-size” building. It has to be a good product – that means that it must install quickly, be easily customized to conform to the required local fire alarm codes, must perform properly, and can be easily tested to verify performance.

We'll make it easy for you – the solution is Simplex. We have been providing products for the “low” end, “mid-size”, and the “high” end of fire alarms systems throughout the evolution of regional and national fire codes. We understand what is required for both proper performance and for quick and easy installation.

**The 4004 and 4005** provide many display and programming features associated with “large” systems but are specifically designed for optimized performance as small and mid-size panels. They are easy to install, easy to operate, and are modular – order only the features you need.

**The 4004** is primarily for the “smaller” facility and provides two notification appliance circuits (NACs). Each is

programmable for audible or visible operation. It comes standard with two initiating device circuits (IDCs) and can be expanded up to eight.

**The 4004** uses two, 7-segment LED displays and discrete LEDs to provide panel status in a logical and easily understood manner. Displayed information tells you which zones are in alarm, supervisory, or trouble and also indicates additional panel status such as auxiliary output per zone, low battery, ground fault, city circuit trouble, or other pertinent information. All of this improves operator response, assists in servicing, and also assists in panel installation and setup. (Refer to illustration this page).

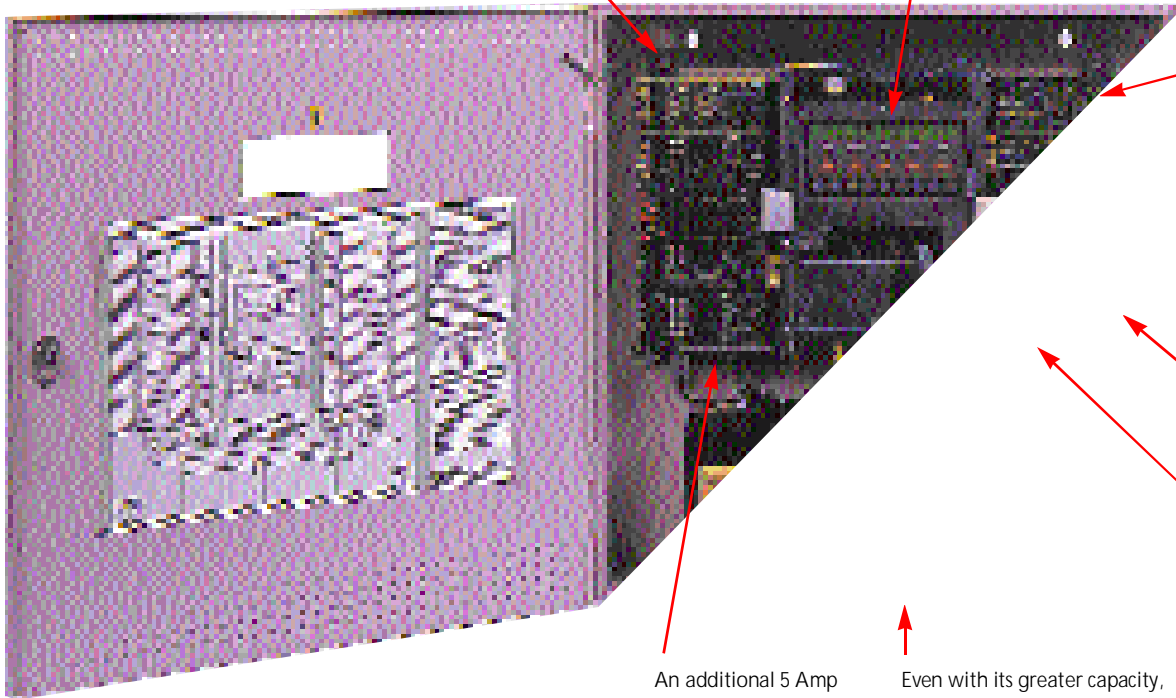
**The 4005** is a higher capacity panel intended for “mid-size” facilities. Standard features include eight IDCs and four NACs. It can be expanded up to 36 IDCs or up to 32 programmable NACs or control relay outputs.

Panel status and custom labels are displayed by an alphanumeric LCD readout (two lines of 40 characters each) and a series of logically positioned switches for control and programming. (Refer to illustration on next page).

## Standard Features of both the 4004 and 4005:

- Designed for Quick and Easy Installation and Setup
- Modular Design, Select Only What You Need, Provides for Future Expansion
- Patented Walk Test, One-Person System Testing
- Alarm Verification and Zone Disconnect, Selectable per Zone
- Active Status Reminder
- Program Notification as: Temporal Code, Continuous, Fast or Slow March Time
- Front Panel Programming – allows changes to be made easily on-site
- Combination Waterflow/Supervisory IDCs, Programmable by Zone
- Low Battery and Depleted Battery Warnings
- Optional Class A Operation
- Compatible with Simplex 4003 Voice Panel and 4009 NAC Power Extender
- And More

# Simplex Model 4005



Single chassis mount – only 4 screws for installation or removal of entire panel

Menu-driven LCD and multi-function keys for easy-to-use operation, review of alarm and trouble logs, and front panel programming

Snap-in-place expansion modules – no tools or mounting hardware required

Single cabinet design accommodates expansion to maximum capacity within one box size

Pluggable terminal blocks for quick connection and removal

Extensive use of surface mount components saves space and improves performance

An additional 5 Amp power supply can be internally mounted

Even with its greater capacity, the 4005 also fits into a compact cabinet (22 1/2" w x 23" h x 3 3/8" d) for mounting on 24" center studs

## Simplex Models 4004 And 4005

Category	4004	4005
<b>Maximum Initiating Device Circuits (IDCs)</b>	8	36*
<b>Maximum Notification Appliance Circuits (NACs)</b>	2	32, NAC or Relay Operation*
<b>NAC Operation</b>	General Alarm	General Alarm or Selective Event Programming
<b>City Connections (Optional)</b>	1 Module	Up to 2 Modules
<b>Alarm History</b>	Displayed in Chronological Order	50 Event History Log
<b>Trouble History</b>	Displayed in Chronological Order	100 Event History Log
<b>Standard NAC Current</b>	4 Amps	4 Amps
<b>Additional NAC Current</b>	Use External 4009	Additional 5 Amp Supply and/or External 4009
<b>Terminal Type</b>	Large Screw Head Barrier Block	Quick Removal Pluggable Type
<b>Annunciator Interface</b>	Connections Wired Per Circuit	Serial Connections Compatible with 4602 RCU/SCU and/or Connections Wired Per Circuit
<b>Zone Labeling</b>	List on Door Labels	40 Character Custom Labels Stored in Non-Volatile Memory
<b>Packaging</b>	Beige or Red Cabinets	Retrofit Panels for Mounting in Existing 4002 Cabinets and Beige or Red Cabinets
<b>Ref. Simplex Data Sheet</b>	S4004-0001	S4005-0001

\* Maximum Total of IDCs and NACs combined is 40



## The Simplex Commitment to Fire Safety

It's easy to do business with Simplex

One of the reasons Simplex has been a leading company in its field for over 100 years is that we understand that part of our job is to make your job easier. We make the finest products, including Fire, Security, Communications, and Time Management systems. It is the personal service provided by our 4,000 dedicated employees at more than 130 locations in North America, and factory-trained representatives in 90 countries, that makes all the difference in the world . . . and that will make your Life Safety Systems solution fit together perfectly.

Contact the Simplex office nearest you for more information, or to arrange for a free review of your Life Safety System needs.

Simplex Fire Alarm Products, Simply Better.

- 100 Years of Tradition.
- Large Established Company.
- Extensive Research Facilities.
- Complimentary Product Lines Providing Integrated Solutions.
- Sales and Service Offices in 130 Locations in the United States and Canada.
- Over 4,000 Employees Internationally.
- Distributors Worldwide.
- For further Information Refer to the Yellow Pages for the Simplex Branch Office Nearest You. Please Visit our Web Site: <http://www.simplexnet.com>



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