



## HCA-2, HCA-2D, HCA-4, HCA-4D, HCA-8, HCA-8D CONVENTIONAL FIRE ALARM CONTROL PANEL



### DESCRIPTION

The HCA series is available in a 2, 4, or 8 zone conventional panel design which is in accordance with UL 864 9th Edition Listing Detection and Fire Alarm Systems – Control and Indicating Equipment.

The HCA series are fully programmable using simple front panel menu options. HCA supports releasing of agent (FM-200, 3M Novec, etc) and water (Pre-action, Deluge, etc.) on the HCA-4 and HCA-8 models only. Also, Built-in Dialer on HCA-2D, HCA-4D and HCA-8D models only. This conventional control panel offers programming features to the user. The panel is a single board construction, which is installer friendly. The panel is compatible with a wide range of Hochiki America's detection devices.

### STANDARD FEATURES

- UL864 9th Edition / NFPA Compliant
- Fully programmable using simple menu options
- Simple, single board construction
- Installer friendly and supports flush or surface mount without a separate trim ring
- Built-in two-line (16 Characters for each line) LCD provides easy to read information
- 15 Key control buttons for easy programming, reset and silencing.
- Real time clock
- Event history log (256 events) with date/time stamp, which can be viewed from LCD
- Compatible with wide range of detection devices
- 4 programmable supervised NAC outputs
- 6.5 Amp power supply
- Switchable 120/240VAC 50/60 Hz power supply
- 5 programmable output patterns for NAC circuits
- Gentex sync protocol built-in
- Built-in dialer for HCA-2D, HCA-4D and HCA-8D Only
- Supports releasing of agents & water on HCA-4 & HCA-8 models
- Three programmable general purpose relays
- Dedicated alarm and trouble relays
- Built-in Walk Test feature
- Panel Dimension: 14.57" W x 15.47" H x 4.41" D
- Supports up to two 12V, 18Ah backup batteries
- Supports one remote annunciator via RS-485

### PRODUCT LISTINGS



United States Coast Guard  
U.S. Department of Homeland Security

HCA-2, -4, and -8  
(panels without dialers)  
USCG Approved



California State  
Fire Marshal  
7165-0410:183

Specifications subject to change without notice.

Continued on back.

Hochiki America Corporation  
7051 Village Drive, Suite 100, Buena Park, CA 90621-2268  
Phone: 714-522-2246 Fax: 714-522-2268  
Technical Support: 714-670-3229 or [technicalsupport@hochiki.com](mailto:technicalsupport@hochiki.com)



Find latest revision at [www.hochiki.com](http://www.hochiki.com)



## HCA-2, HCA-2D, HCA-4, HCA-4D, HCA-8, HCA-8D CONVENTIONAL FIRE ALARM CONTROL PANEL

### SPECIFICATIONS

|                        |                                                       |
|------------------------|-------------------------------------------------------|
| Supply Voltage         | 120VAC (50hz/60hz) or 240VAC (50hz/60hz)              |
| Power Supply DC Rating | 24V @ 6.5 Amps                                        |
| Number of Zones        | HCA-2 (2 Zones), HCA-4 (4 Zones), HCA-8 (8 Zones)     |
| NAC Outputs            | (4) 2.5 Amps @ 24VDC Special Application, Class B     |
| Relay Outputs          | (5) 3 Amps @ 30 VDC                                   |
| Display                | 2 line x 16 character LCD                             |
| Charger Current        | 0.98A @ 22 VDC max.                                   |
| Battery                | 2 x 12 VDC, 18 AH max.                                |
| Operating Temperature  | 32°F ~ 120°F (0°C ~ 49°C)                             |
| Operating Humidity     | 95% RH Non-Condensing                                 |
| Color                  | Red                                                   |
| Dimensions             | 14.57" W x 15.47" H x 4.41" D (370mm x 393mm x 112mm) |
| Weight                 | 14 lbs. (6.4Kg)                                       |

### HOCHIKI AMERICA COMPATIBLE DEVICES

| MODEL                                       | DESCRIPTION                                       | MAX. # PER ZONE |
|---------------------------------------------|---------------------------------------------------|-----------------|
| <b>DETECTORS</b>                            |                                                   |                 |
| SLR-835                                     | Photoelectric 8-35V Smoke Detector                | 20              |
| SLR-24V                                     | Photoelectric 8-35V Smoke Detector                | 20              |
| SLR-24H                                     | Photoelectric Smoke Detector w/heat               | 20              |
| SOE-24V, SOE-24H                            | Photoelectric Smoke Detector                      | 20              |
| SOC-24V / SOC-24VN                          | Photoelectric Smoke Detector                      | 20              |
| DSC-EA                                      | Rate of rise heat detector                        | 20              |
| DCD-135                                     | 135° Fixed temperature rate of rise heat detector | 20              |
| DCD-190                                     | 190° Fixed temperature rate of rise heat detector | 20              |
| <b>BASES</b>                                |                                                   |                 |
| NS6-224                                     | 6" base, 43mA draw, 24V                           | 20              |
| NS4-224                                     | 4" base, 43mA draw, 24V                           | 20              |
| NS6-100                                     | 6" base, 150mA draw, 24V                          | 20              |
| NS4-100                                     | 4" base, 150mA draw, 24V                          | 20              |
| <b>PULL STATIONS</b>                        |                                                   |                 |
| HPS-SAK/HPS-DAH                             | Conventional Manual Pull Station                  | 25              |
| HPS-SAH/HPS-DAK                             | Conventional Manual Pull Station                  | 25              |
| <b>RELEASING ACCESSORIES</b>                |                                                   |                 |
| 0400-02590                                  | Releasing EOL Module (Included for HCA-4, -8)     | 1               |
| PB-SA                                       | Abort Switch                                      | 1               |
| HPS-DAK-SR                                  | Fire Suppression Release Pull Station             | 1               |
| <b>COMPATIBLE ACTUATORS &amp; SOLENOIDS</b> |                                                   |                 |
| 131-035                                     | Electrical Actuator (Sea-fire)                    | 1               |
| SOL EA45                                    | Electrical Actuator (Sevo Systems)                | 1               |
| PA0036-3                                    | Electrical Actuator (TLX Technologies)            | 1               |
| 73218BN4UNLVNOC1111C2                       | Solenoid (Parker/Skinner)                         | 1               |
| LV2LBX25                                    | Solenoid (Parker/Skinner)                         | 1               |
| X5H65100 (24Volt)                           | Solenoid (Parker/Skinner)                         | 1               |
| T8210A107                                   | Solenoid (ASCO)                                   | 1               |
| R8210A107                                   | Solenoid (ASCO)                                   | 1               |
| HV2185328                                   | Solenoid (ASCO)                                   | 1               |
| 8210A107                                    | Solenoid (ASCO)                                   | 1               |
| 753-E FireLock 300 psi                      | Solenoid (Victaulic)                              | 1               |
| 11591                                       | Solenoid (Viking)                                 | 1               |