

CapCon Public Address 4102

The Common Alert Protocol Controller for Public Address Systems

CapCon Public Address (PA) is the leading Common Alerting Protocol (CAP) controller for modern Public Address systems.

Benefits to emergency responders and local administrators include more reliable and higher quality transmission of alerts and audio to their public, and continuous monitoring of the equipment status. Emergency responders will no longer stay in the dark about message delivery—immediate feedback is available.

CapCon PA easily enables authorized users from different locations to activate Public Address systems as necessary.

CapCon PA can provide PA station with targeted message based on the location in the

facility or organizational affiliation.

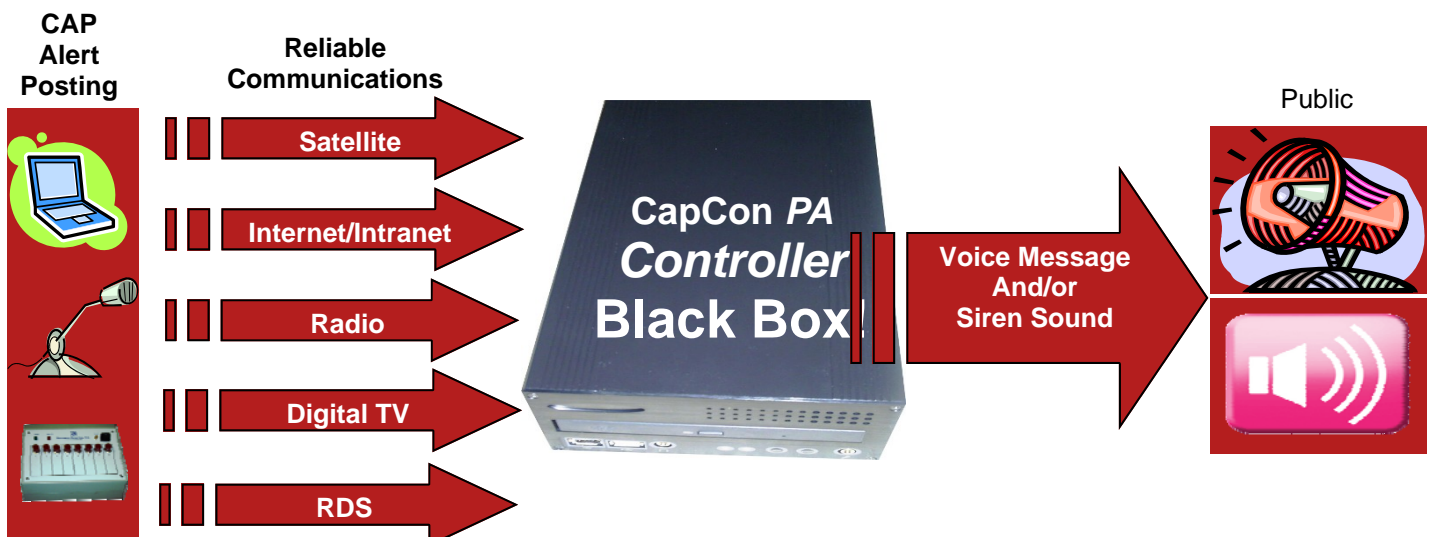
How it works: CapCon PA immediately and reliably polls the AlertNet CAP server for new alert. When a new alert is posted, the **CapCon PA** checks compliance with its policy (as configured by the administrator) and activates the PA system with the corresponding sound or voice message.

Heads Up! In addition, through relay closures additional tools may be activated: strobe lights, text signs, radio transmitter, gates, etc.

Optional Analog and Digital inputs allow the **CapCon PA** to monitor the status of the PA system components and any external sensors and report it

CapCon PA Specifications

- ◇ CapCon PA completely adheres to the CAP 1.1 OASIS standard
- ◇ Fully functional Intel Pentium 4® system up to 3.2 GHz
- ◇ Intel 865GV/ICH 5, support for 800 MHz FSB
- ◇ On-board 10/100 LAN, USB 2, audio (optional — 2 network connections)
- ◇ Ultra low noise and low power consumption
- ◇ Hardware Monitor System of Processor Temperature, Voltage and Fan Speed
- ◇ 40 GB 3.5" hard disk
- ◇ Dual-Channel DDR 400/333/266 DIMM. 2GB Max
- ◇ 5.8" x 10" x 2.75" (W x D x H)
- ◇ 8 input and 8 output ports for special functions (optional)
- ◇ Powered by an isolated 12VDC power supply, or 12V local power
- ◇ ACPI 1.0b Compliance and OS Direct Power Management
- ◇ Audio output, which carries the audio signal for voice alert
- ◇ Safety - UL, CE



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CapCon PA Advantages

CapCon PA is the leading Common Alerting Protocol (CAP) controller for siren systems. Here is why:

How it works - CapCon PA continuously monitors the AlertNet server for messages and reacts to activation requests. It immediately and reliably activates public address systems and other warning devices. The message can be relayed in voice format as well as in audible tone format.

Digital Platform for Emergency Messaging - connects to an activation center that simultaneously activates various warning tools, including the public address systems.

Easy set-up and Automated Monitoring and Alerts - plug and play simplicity with intuitive user-configurable point-and-click interface for initial set-up.

Robust System -

- ◇ Automatically and seamlessly switches to alternate server in the event of a primary server (hardware or communication link) failure.
- ◇ Sends feedback to the server upon successful reception of PA message.
- ◇ Auto-update keeps CapCon PA updated with most recent software release.
- ◇ Self-monitoring watchdog assures the system is up and running and restarts if necessary. It continuously submits status reports to the server.

Highly Secure - Internal firewall is always on and the system does not require external access for continued operation. Every few seconds the CapCon PA polls the server and grabs messages as needed. The CapCon PA utilizes secure communications via HTTPS for server authentication and encryption.

Customizable Configuration - CapCon PA can be easily customized, including: Text To Speech, activation of strobe lights, buzzers and automation systems (when an alert is in process).

Models available - 4102 (generic), 4102F for fire alarms, 4102SEC for supervised systems.

CapCon PA Dimensions

6" x 3" x 10" (Width x Height x Depth). 19" version optional
Allow access to the connectors on the back side

CapCon PA



Front View



Back View

*CAP Standard

CapCon PA complies with the **Common Alerting Protocol (CAP) standard** version 1.2. As the OASIS Group indicates, CAP is a standard for exchanging all-hazard emergency alerts and public warning over a variety of communication channels.

The Common Alerting Protocol (CAP) is the national standard in the U.S.A and has been adopted by the DHS, NOAA, FCC, FEMA, USGS and other leading organizations.

CAP is an open, non-proprietary digital message format that allows a consistent warning message to be disseminated simultaneously over many different warning systems. Thus it increases warning effectiveness while simplifying the warning system. Sirens from various vendors can be activated simultaneously without special adaptation of the communications and control protocol.