

VIKING

Electronics Monthly

Reliable Products for Your Security and Communication Needs

VOLUME 29 : ISSUE 8 AUGUST 2017

FOCUS: Back to School Basics

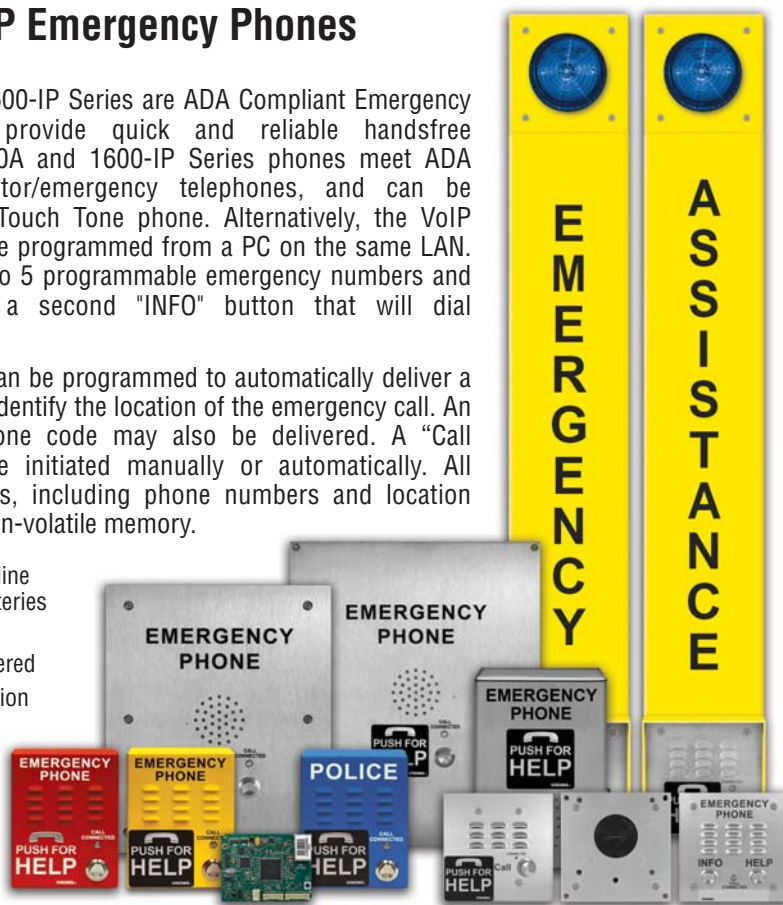
Analog and VoIP Emergency Phones

The 1600A Series and 1600-IP Series are ADA Compliant Emergency Phones designed to provide quick and reliable handsfree communication. All 1600A and 1600-IP Series phones meet ADA requirements for elevator/emergency telephones, and can be programmed from any Touch Tone phone. Alternatively, the VoIP emergency phones can be programmed from a PC on the same LAN. The phones can dial up to 5 programmable emergency numbers and select models feature a second "INFO" button that will dial non-emergency numbers.

The emergency phones can be programmed to automatically deliver a digital announcement to identify the location of the emergency call. An optional DTMF touch tone code may also be delivered. A "Call Connected" LED can be initiated manually or automatically. All programming parameters, including phone numbers and location numbers, are stored in non-volatile memory.

- Analog models are phone line powered, requiring no batteries or external power
- VoIP models are PoE powered
- Enhanced Weather Protection (EWP) available

For more info:
1600A Series (analog)
see DOD 215
1600-IP Series (VoIP)
see DOD 255



Add Mass Notification to Your Existing Paging System



Model DNA-510
(DOD 492)

The DNA-510 is a digital mass notification announcer, that provides up to 2 minutes of recorded voice emergency instructions and alert tones over your existing paging system.

The DNA-510 connects to a phone line, analog phone system station or an unused trunk/line input allowing you to securely page, trigger emergency messages and/or alert tones and program the unit from any remote touch tone phone.

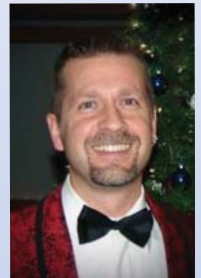
When activated, the DNA-510 will interrupt any current paging or background music and inject an emergency voice message and/or alert tone over your paging system. A live page can also be announced.

Get to Know Us!

Name: Paul Speltz

How long have you worked at Viking?

32 years. I started in 1985 as a Technician, and I also supervised production. Later, I became an Associate Engineer, then Engineer, and currently I'm Senior Engineer.



What are your responsibilities?

Hardware design and project managing for both new product development and improving existing products.

Why do you like working at Viking?

As a Hi-Fi Audio enthusiast, I enjoy making sure our products sound as good as possible, because voice intelligibility is critical for voice communication devices. I also enjoy the challenge of designing toward simplicity, rather than complexity. There is a beautiful elegance when a simple solution is found. Benefits typically include lower cost and higher reliability.

Favorite treat to share at work:

Anything that is at least partly healthy.

What do you like to do outside work?

Hi-Fi Audio, Mountain Biking, Snowboarding, Horseback Riding, Kayaking, Windsurfing, and weekends at the cabin.

Favorite quote:

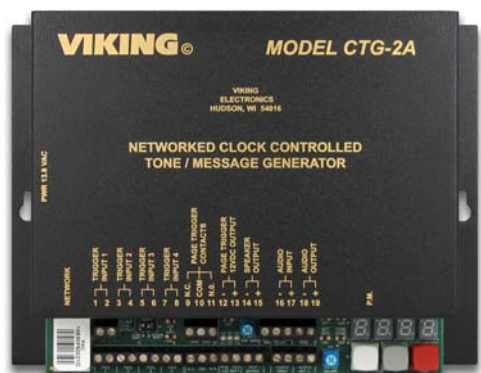
"It's all the same song." - Neil Young instantly replied to an audience after a heckler yelled out that his songs 'all sound the same'.

TECH TIPS

Master Clock / Networked Clock Controlled Tone Generator

The CTG-2A is a networked clock controlled tone/message generator designed to provide accurately timed tones and/or messages over your existing paging system. This provides a cost effective way of signaling school period changes, factory shifts, breaks, lunch periods or providing messages at specific times for store sales, promotions, closing times, airport loading zones, etc.

Model CTG-2A (DOD 464)



Applications Include:

- Signal the beginning and end of classes, breaks, and lunch periods for schools
- Trigger controlled emergency alert messages for fire, lock down, severe weather, etc.
- Auxiliary contact activation at specific times for specific durations for controlling lights, cameras, unlocking doors/gates, etc.
- Master Clock to synchronize Viking CL Series wireless clocks, shown right

Viking's Wireless Clock System provides reliable, accurately synchronized clocks for your entire facility. Eliminating dedicated clock wiring can save you thousands of dollars on installation and also allows for easy retrofitting of an existing installation. The system is comprised of a CTG-2A master clock, a CL-RFT clock RF transmitter and Analog or Digital wireless slave clocks. Viking uses 915-928MHz frequency hopping technology to eliminate interference with other wireless products and requires no FCC license

CL Series (DOD 466)



Access Control with Card Readers & Entry Codes

Add Keyless Entry and/or Card Reader Entry for One Door with Up to 250 Users

The ES-1 door controller is designed to operate a door strike or magnetic lock upon receiving a valid card read and/or keyless entry code from Wiegand devices. One ES-1, one or two Wiegand devices and a door strike or magnetic lock is required for each entry point.



Model ES-1 (DOD 193)

The Wiegand device used may be the Viking model PRX-1 or PRX-3 Proximity Card Reader and/or the Viking model PRX-2, PRX-4 or PRX-5 Wiegand Output Keypad or any other card reader, RF transmitter or digital keypad that outputs the 26 bit Wiegand format.

Up to 250 valid Wiegand codes can be programmed into the ES-1. Programming is done with a local touch tone phone and all programmable parameters are stored in non-volatile memory. Up to three ES-1s can be programmed simultaneously if they share the same programming codes and parameters. Entry logging is possible with the ES-1's log bus data output.

Proximity Cards and Fobs

Viking's non-contact security cards can be used with any Wiegand equipped Viking product to allow entrance into a secured area. They are also compatible with certain legacy HID® proximity protocols.*

The PRX-C is a 0.070" thick plastic card that resists bending and folding. The PRX-C-ISO is a thin 0.032" flexible proximity card - similar to a credit card.

The PRX-FOB is a compact proximity key ring fob with brass eyelet designed to attach to a key chain or necklace.

Model PRX-C-ISO



For more info on Viking's proximity cards and fobs, see DOD 198.

TRIVIA QUESTION

If someone has Didaskaleinophobia, what are they afraid of?



Everyone who calls, emails, or faxes in the correct answer by AUGUST 31, 2017 will be entered into a drawing for a delicious cheese assortment shipped direct from the Bass Lake Cheese Factory!

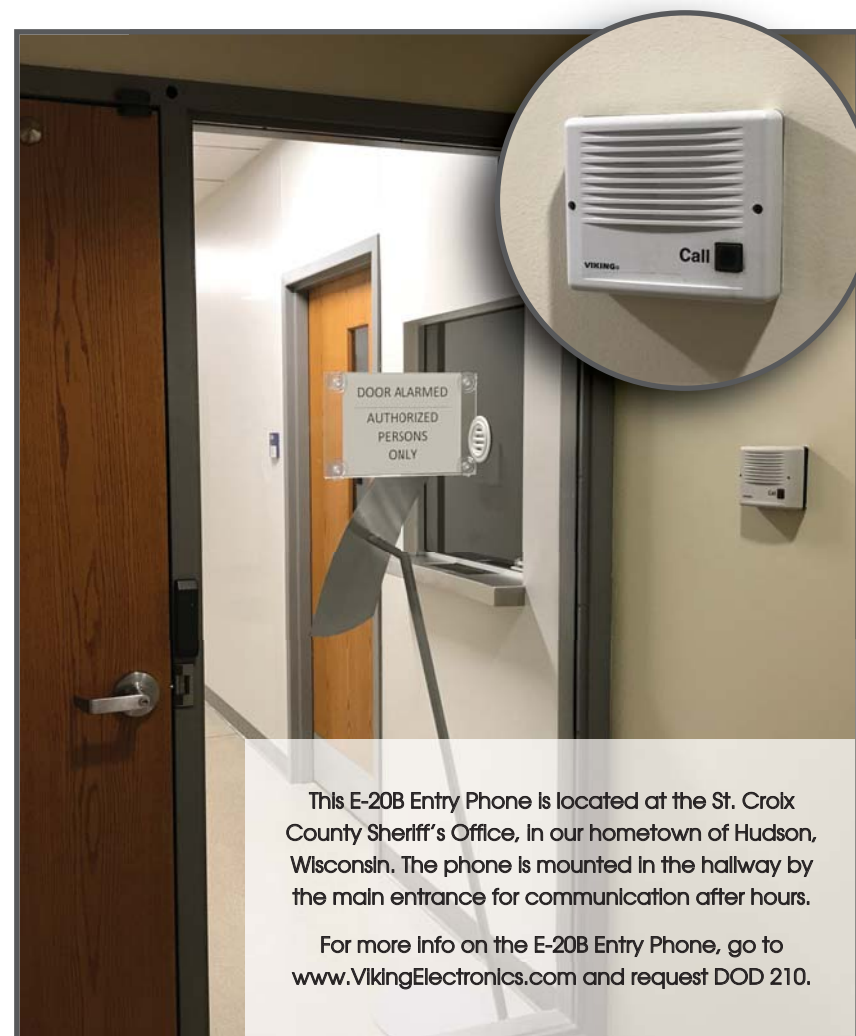
JULY TRIVIA: What year was July 4th made a federal holiday?

ANSWER: 1870

CONGRATULATIONS to **TODD VERHAAGH** from Graybar!



Many of you answered 1938 - which is when July 4th became a paid holiday, but it had already been a federal holiday for over 65 years.



This E-20B Entry Phone is located at the St. Croix County Sheriff's Office, in our hometown of Hudson, Wisconsin. The phone is mounted in the hallway by the main entrance for communication after hours.

For more info on the E-20B Entry Phone, go to www.VikingElectronics.com and request DOD 210.

125KHz Proximity Card Readers and Keypads

Viking proximity card readers and keypads transmit data in 26-bit Wiegand format and are compatible with any Wiegand equipped Viking product. They are also compatible with certain legacy HID® proximity protocols.*

The compact size of the PRX-1 allows for easy mounting to mullion/door/window frame, and it comes with Enhanced Weather Protection (EWP) for outdoor use.



Model PRX-2 (DOD 219)

The PRX-2 is designed to be mounted directly to a standard single-gang wall box, and integrates both a 125KHz proximity card reader and keypad into a single-unit, making it ideal for applications requiring an access credential and/or personal identification number (PIN).

Model PRX-3 is a high performance medium range 125KHz proximity card reader. Its compact size, yet long read range of up to 16 inches, make it ideal for parking control, gate access, turnstiles, etc. It is designed to be mounted directly to a wall, post, single gang electrical box or use an optional mounting kit for attaching it to a gooseneck pedestal.

The PRX-4 keypad features a slender metal enclosure with potted electronics and a pigtail connection for indoor or outdoor applications.

Model PRX-5 is designed to mullion mount to metal door or window frames or any flat surface. It delivers non-contact read ranges up to 5 inches, and operates from 5 to 14 VDC. Mounting is simplified with horizontal and vertical mounting slots, which allow the reader to be conveniently adjusted and leveled.

* HID and the HID logo are registered trademarks of HID Global Corporation, an ASSA ABLOY company. All other trademarks are the property of their respective owners.



Model PRX-4 (DOD 199)

Model PRX-5 (DOD 224)

What is EWP? Viking's EWP products have sealed connections, special gaskets, and are weather-sealed in a thick thermoplastic protective coating that keeps the elements out.

ON THE CALENDAR

BICSI

Las Vegas, NV
Sept 24-28, 2017

CEDIA

San Diego, CA
Sept 7-9, 2017

Scan here for
more info:



Channel Partners

Austin, TX
Sept 27-29, 2017

ASIS

Dallas, TX
Sept 25-28, 2017

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VIKING

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HEY INSTALLERS... we want your pics!



Email us pictures of your Viking product installations for a chance to win a delicious Wisconsin cheese assortment!

Email to: info@VikingElectronics.com or scan here to send:



WHAT'S INSIDE?

- Learn about our extensive line of emergency phones
- Find out which Viking employee started in 1985
- Guess what Didaskaleinophobia means