

VIKING

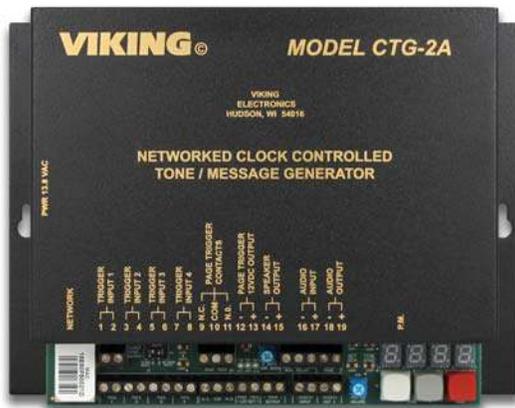
Electronics Monthly

Reliable Products for Your Security and Communication Needs

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Back-to-School Spotlight: CTG-2A

Add Master Clock Controlled Tones or Messages and Emergency Notifications to Your Paging System



Model CTG-2A
(DOD 464)

Viking's model 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, etc. The CTG-2A has four programmable trigger inputs which are ideal for triggering emergency alert tones/messages to indicate fire evacuation, severe weather, lock down, all clear, or can be used in store caster applications for "customer service required" announcements, etc. The CTG-2A can also be used as a master clock to synchronize Viking CL Series wireless clocks, see page 3.

The CTG-2A can be programmed with up to 14 schedules and up to 1,000 events, allowing you to program an entire year or multiple years of schedules in advance. The CTG-2A features up to 6 minutes of CD quality WAV file audio storage for up to 14 different tones/messages. The unit comes loaded with common school, business and factory tones or you can program custom tones and messages. The CTG-2A's extremely accurate time base can also be synchronized with 50/60Hz power or periodically to network or internet time.

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: Allison Trapani

How long have you been at Viking?

I've worked here for 22 years.

What are your responsibilities?

Technically, my title is Marketing Design Coordinator - which means I am involved in the advertising and marketing aspect of the company. But I also help maintain the website, create the newsletters, update social media, write technical copy, edit product images, answer the front desk phone, and I make endless pots of coffee daily.

Why do you like working at Viking?

Viking is like a big family! We all help and support each other - sometimes we disagree - but that's what families do and it makes Viking an awesome company to work for.

Favorite treat to share at work:

I bring in homemade guacamole - it disappears in minutes!

What do you do outside work?

I enjoy spending time with my 6 year old twins and my boyfriend - there is always laughter in our house! We love going places and doing things together as a family.

Favorite quote:

"I love deadlines. I like the whooshing sound they make as they fly by."

- Douglas Adams

TECH TIPS

Proximity Cards/Fobs

You rely on Viking's emergency phones and door entry systems, but did you know that Viking also offers proximity credentials?

- ✓ Custom programming
- ✓ Label options
- ✓ No minimum quantities

Viking's non-contact security cards and fobs 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.



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

125KHz Proximity Keypads and Card Readers

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.*



Model PRX-2
(DOD 219)

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

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.



Model PRX-4
(DOD 199)

Model PRX-5
(DOD 224)

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TRIVIA QUESTION

What is the oldest college in the US?



Everyone who calls, emails, or faxes in the correct answer by August 31, 2018 will be entered into a drawing for a delicious Wisconsin cheese assortment - shipped fresh directly from our local Bass Lake Cheese Factory!

JULY TRIVIA QUESTION: In baseball, which base is stolen the most?
ANSWER: Second Base

CONGRATULATIONS to **BRANDON BAKER** from Graybar!

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.

Viking Product Profiles: Wireless Clock Systems

Wireless Synchronized Clocks, RF Transmitter, and Accessories

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. While most wireless systems are limited to the range of the transmitter, Viking's system is not. Each clock acts as a Repeater (transceiver), meaning the secondary clocks both receive and retransmit the signal, maximizing signal transmission distances. The system is comprised of a CTG-2A master clock, a CL-RFT clock RF transmitter and Analog or Digital wireless slave clocks. Working on Viking's 915-928MHz frequency hopping technology eliminates interference with other wireless products and requires no FCC license, eliminating extraneous fees. The received signal remains strong even under the effects of noise, obstructions or long distances which tend to decrease the signal to noise ratio. Installation is a cinch for our wireless clocks, just insert the batteries or connect power and hang them. That's it.

Viking's CL Series wireless clocks include automatic calibration, as well as diagnostics that allow the user to view the signal strength, how long since the last time the clock received a signal, a comprehensive analysis of the clock itself and remaining battery life. The 12 and 16 inch wireless Analog clocks receive and retransmit an RF clock sync signal every 4 hours (standard mode) or 12 hours (economy mode) allowing for a battery life of 5 years or 8 years respectively. The 2.5 and 4 inch digital clocks are powered by an included power adapter and receive and retransmit an RF clock sync signal every minute. Viking also offers a complete line of accessories for the Analog or Digital clocks such as: double mount housings, wire guards, and surface mount housings for digital clocks.



For more information on the CL-Series, search DOD 466 or call: 715-386-8861



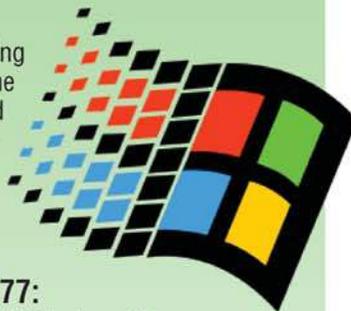
This month in Technology History

August 12, 1981: IBM 5150 PC Computer Released

In 1981 IBM releases the PC model 5150, the first computer to target the home market. The 5150 contained a 4.7 MHz processor, 16k of RAM and 40 k of ROM. All for only \$1,565.00 (over \$4,000 by today's standards).

August 24, 1995: Microsoft Releases Windows 95

The first MS OS in 32 bit mode, also debuting TCP/IP, dial up networking, and long filename support. The release was celebrated nationwide - even the Empire State Building was lit up with the Windows colors.



August 15, 1877: "Mary had a little lamb"

These were the words spoken by Thomas Edison as he made the first audio recording. If it wasn't for Edison's hard work, we might not be listening to the sound quality we have today.



Digital Clocks

Wireless bright digital clocks require a 120 VAC outlet (power supply included). The clocks are updated every minute from the CTG-2A. Viking offers a digital clock with a 2.5" tall display (CL-D2) and a 4" tall display (CL-D4). Shown with optional double mount bracket.

Analog Clocks

Wireless analog clocks are battery operated and require no wiring. Battery life is more than 5 years. The clocks are updated every 4 hours from the CTG-2A. Clocks can be located up to 6,500 ft from the CL-RFT transmitter/repeater or up to 500 ft from another synchronized clock. Viking offers analog clocks in 12" diameter (CL-A12) and 16" diameter (CL-A16). Shown with optional double mount bracket.



RF Transmitter/Repeater

The CL-RFT transmitter receives time sync data from the CTG-2A and transmits to the clocks via 915 to 928 MHz frequency hopping technology. Powerful 1 Watt (30dBm) output communicates up to 6,500 ft. in open space. It can also be configured as a repeater for larger spaces. No FCC license required. Dimensions 11" x 8" x 1.7".

UPCOMING EVENTS

For the most up-to-date information:



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ASIS
Las Vegas, NV
Sept 24-26, 2018

CEDIA
San Diego, CA
Sept 6-8, 2018

BICSI
San Antonio, TX
Sept 10-12, 2018

NAEC
Atlantic City, NJ
Sept 24-26, 2018

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(Every picture is a chance to win delicious Wisconsin cheese!)

Email images to info@VikingElectronics.com or scan here to send -->



WHAT'S INSIDE?

- Viking solutions for school applications
- Find out how much an IBM PC cost in 1981
- Learn about Viking proximity products