VIKING

SECURITY AND COMMUNICATION

IT TAKES A VIKING | EST. 1969

2022

WE'RE HONORED TO WORK WITH YOU.
NEW YEAR, SAME TRUSTED VIKING.

2021 WAS YET ANOTHER UNPRECEDENTED YEAR

Here at Viking Electronics, we have continued to bring you durable products you count on, updating current models and introducing new products – and we did it all from right here in Hudson, Wisconsin. Color video camera? Done. Proximity reader? We made it happen. A robot that does the dishes for you? Well, maybe next year.

To say this past year has been chaotic, would be a huge understatement. Despite it all, you were always here for us, and we will continue to do our best to be here for you.

When it comes to our line of work, we know you have a lot of options, so every time you choose one of our products, we feel truly honored. Thank you for supporting us and our mission to provide reliable, American-made technology to customers around the world.

When you're looking for battle-tested reliability and innovation, we hope you **continue to choose Viking.**

VIKING

USA DESIGNED
MANUFACTURED
& SUPPORTED

Analog Interface

Viking offers many analog telephone line interface products. Depending on the product and in some cases the application, these analog interface products can be connected to a:

- CO Line
- PABX / KSU station
- Unused trunk input
- FXS port
- FXO port

VoIP Interface

Viking's VoIP products feature:

- SIP compliant
- PoE powered
- Automatic Noise Canceling (ANC)
- Network downloadable firmware
- Program remotely

Specific VoIP models also feature 2 Amp relays, programmable "speed dial" numbers, and built-in entry controllers that can accommodate up to 1000 keyless entry codes and/or proximity card numbers.

EWP = Enhanced Weather Protection

Viking's Enhanced Weather Protection (EWP) products are weather-sealed with a thick protective coating that keeps the elements out. Applications where products are installed outdoors, or in harsh / corrosive environments like a swimming pool area or beach, should always use the EWP version! Features include:

- PCB completely sealed in a potting compound
- Sealed LED, push button switch and microphone connections
- Internally sealed switches, trim pots and dip switches
- Mylar speaker with foam gasket
- Gasketing to prevent water penetration
- Connectors filled with anti-corrosive gel
- EWP products are designed to meet an Ingress Protection rating of IP66

For more information on EWP, see DOD 859.

SCAN FOR MORE INFO »

Integrated Proximity Readers

Viking offers several entry phone styles with a built-in proximity reader option for added security. We also offer several different external proximity readers. All Viking proximity readers are equipped with Enhanced Weather Protection, which is designed to meet IP66 Ingress Protection Rating.

Proximity Specifications:

Frequency: 125KHz
Format: 26 bit Wiegand
Transducer: Beeps during card read
LED: Red, turns off during card read
Humidity: Up to 100% (fully potted EWP)
Operating Temperature: -30°F to 150°F

Technologies Supported:

Viking **PRX-C, PRX-C-ISO, PRX-FOB, LRT-4**, see page 38

Certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**

* 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.
** AWID is a trademark of Applied Wireless Identification Group.

Integrated Color Video Cameras

Viking offers many door entry phones with built-in color cameras for added security. The compact color composite video output provides versatility, while the -40°F to 185°F extreme temperature rating ensures reliability.

Analog Camera Specifications:

Power: 6-22V DC 150mA (12V DC UL Listed adapter included with the product)
Image Sensor: 1/4" color CMOS
Video Output: 1VPP composite, NTSC, 75 ohms
Resolution: 420 lines (640 x 480 @ 30fps / 307,200 pixels)
Sensitivity: 0.025 LUX (50 IRE) F 1.2 3200K
Lens: 2.1mm, conical pinhole
FOV (Field of View): 80° Horizontal, 60° Vertical,100° Diagonal
Tilt/Swivel Adjustment: Vertical +/- 20°, horizontal +/- 30°
IR Compatibility: Use a Viking model **VCAM-1IR**, see DOD 190

Online Spare Parts Store

We are making it easier for you! Replaceable parts for our products can be purchased securely through our online Spare Parts Store: **https://store.vikingelectronics.com/**

Call us with questions or to order over the phone: 715-386-8666

SCAN TO VISIT THE SPARE PARTS STORE »

TWO-YEAR WARRANTY

We know you choose Viking because nothing gets the job done better. Looking for another reason? Our **Two-Year Limited Warranty**. We stand behind our products because we put the customer first.

Learn more about the Viking warranty here:

www.vikingelectronics.com/warranty-information/

FREE AMERICAN PRODUCT SUPPORT

When you need **Product Support**, we won't oursource your call. We're right here in Wisconsin and you'll talk directly with one of our many experienced in-house tech gurus. Available to those servicing or installing a Viking product. Product Support resources offered:

- » Online Support Forum
- » Personalized Support Tickets
- » Call to talk with a Technician directly

Learn more about Viking Product Support:

www.vikingelectronics.com/product-support/

WHAT IS "DOCUMENT ON DEMAND"?

Finding information should be **quick** and **easy**. All Viking catalogs and literature have a 3-digit DOD number for each product. Enter the number into the search box at the top of the Viking homepage and **BOOM** - you get instant specs, features, manuals, and more in just seconds.

STAYING CONNECTED

- » Follow Viking on your favorite social media platforms: FaceBook, Twitter, Instagram, YouTube, LinkedIn
- » Watch new product launches & product demos on YouTube
- » Keep up with Viking news, sign-up for the newsletter »

HOW TO CONTACT US

Call: 715.386.8861
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www.VikingElectronics.com

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FEATURES AND OPERATION
for Viking ADA Compliant Emergency Phones

- Analog or VoIP interface
- Automatic Noise Canceling (ANC) for proper operation in noisy environments

- Enhanced Weather Protection (EWP) models available, designed to meet IP66 Ingress Protection Rating

- Complies with ASME A17.1 Elevator Code when used with LV-1K (page 12)
- Cycles through up to 5 emergency numbers on busy or no answer
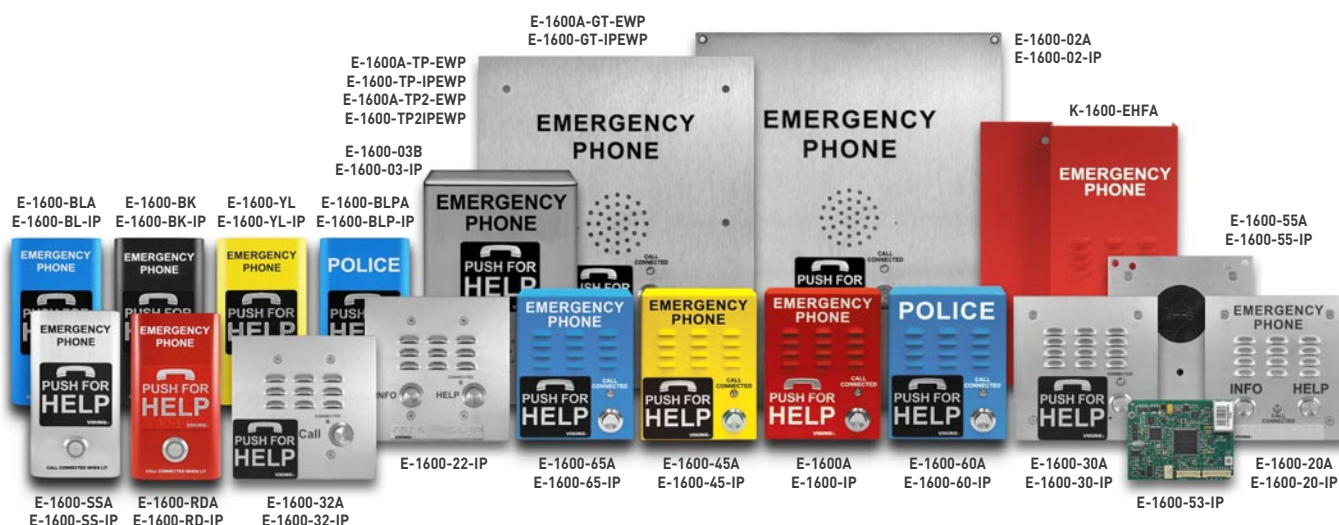
Analog: 1600A Series

ANALOG FEATURES AND OPERATION

- Telephone line powered
- Connect to a CO line, analog PABX station, or FXS port
- Compatible with Central Station Monitoring (CSM)
- 16 second I.D. announcement
- Intelligent call progress detection for automatic hang-up on CPC, silence, busy signal, or time out
- Temperature range: -15°F to 130°F

The 1600A Series Emergency Phones are designed to provide quick and reliable access to emergency personnel via two-way, handsfree voice communication over a telephone network. The 1600A Series have Braille labels and meet ADA requirements for elevator telephones. The phones can be programmed on-site or remotely from a touch tone phone.

When the "Help" button is pressed, the 1600A Series phone goes off-hook, and the built-in touch tone dialer calls the pre-programmed 1 to 20 digit number. The "Connected" LED flashes during dialing. In the event that the line is busy or there is no answer, the unit can automatically dial up to 4 more numbers. When the call is answered, the 1600A Series phone lights the "Connected" LED steady and sends a field-programmed 1 to 20 digit touch tone number or 16 second voice announcement indicating the location of the emergency phone.

Use the PB-100 (see page 40) to remotely program and poll emergency phones as to their working status.

VoIP: 1600-IP Series

VOIP FEATURES AND OPERATION

- 2 Amp relay contacts for lights, strobes, chimes, door or gate control, etc.
- SIP compliant and PoE powered (class 1, <4 Watts)
- 28 second I.D. announcement
- Temperature range: -40°F to 140°F
- Hangs up on busy signal, time-out, or touch tone command

The 1600-IP Series Emergency Phones are designed to provide quick and reliable handsfree communication for SIP VoIP phone systems with PoE. All 1600-IP Series phones meet ADA requirements for elevator and emergency telephones, and can be programmed from any touch tone phone or PC on the same LAN or remotely using a static IP address.

When the "Help" button is pressed, the 1600-IP Series phone dials a pre-programmed telephone number. The "Connected" LED momentarily flashes during dialing. In the event the line is busy or there is a ring-no-answer, the unit can be programmed to call additional phone numbers. The phone then cycles through up to 5 pre-programmed emergency numbers until the call is answered. When the call is answered, the digital voice announcer will automatically play to identify the location of the emergency call and then light the "Connected" LED to show that handsfree communication to emergency personnel is established. The "✳" key will send the I.D. number (if programmed), and play the announcement again. The distant party will know the location of the emergency call by either the voice announcement or by decoding the touch tone I.D. number.

Installation requires a network administrator / IT technician.

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Low-Profile Emergency Phones

E-1600-RDA
E-1600-RD-IP

E-1600-SSA
E-1600-SS-IP

E-1600-YLA
E-1600-YL-IP

E-1600-BLA
E-1600-BL-IP

E-1600-BKA
E-1600-BK-IP

E-1600-BLPA
E-1600-BLP-IP

- Compact low-profile design
- Material: 16 gauge steel with durable high visibility textured powder paint or brushed stainless steel finish
- Dimensions: 5.75" x 3.08" x 1.05"
- Mounting: Surface mount to walls, posts, or single gang boxes
- For features and operation, see page 8

Model	Finish	Analog	VoIP	EWP	DOD
E-1600-BKA	Black	●			215
E-1600-BKA-EWP	Black	●		●	215
E-1600-BK-IP	Black		●		255
E-1600-BK-IPEWP	Black		●	●	255
E-1600-BLA	Blue	●			215
E-1600-BLA-EWP	Blue	●		●	215
E-1600-BL-IP	Blue		●		255
E-1600-BL-IPEWP	Blue		●	●	255
E-1600-BLPA	Blue	●			215
E-1600-BLPA-EWP	Blue	●		●	215
E-1600-BLP-IP	Blue		●		255
E-1600-BLPIPEWP	Blue		●	●	255
E-1600-RDA	Red	●			215
E-1600-RDA-EWP	Red	●		●	215
E-1600-RD-IP	Red		●		255
E-1600-RD-IPEWP	Red		●	●	255
E-1600-SSA	Stainless	●			215
E-1600-SSA-EWP	Stainless	●		●	215
E-1600-SS-IP	Stainless		●		255
E-1600-SS-IPEWP	Stainless		●	●	255
E-1600-YLA	Yellow	●			215
E-1600-YLA-EWP	Yellow	●		●	215
E-1600-YL-IP	Yellow		●		255
E-1600-YL-IPEWP	Yellow		●	●	255

Compact Emergency Phones

E-1600A
E-1600-IP

E-1600-45A
E-1600-45-IP

E-1600-60A
E-1600-60-IP

E-1600-65A
E-1600-65-IP

- Material: 16 gauge steel with durable high visibility textured powder paint
- Includes Braille label, "Call Connected" LED, and I.D. Announcement for ADA compliance
- Dimensions: 5.25" x 4.0" x 2.0"
- Mounting: Surface mount to walls, posts, single gang boxes, or recess mount in elevator phone boxes
- For features and operation, see page 8

E-1600-40A
E-1600-40-IP

Emergency phones with no lettering for custom applications. Braille label included.

Model	Color	Analog	VoIP	EWP	DOD
E-1600A	Red	●			215
E-1600A-EWP	Red	●		●	215
E-1600-IP	Red		●		255
E-1600-IP-EWP	Red		●	●	255
E-1600-40A	Red	●			215
E-1600-40A-EWP	Red	●		●	215
E-1600-40-IP	Red		●		255
E-1600-40-IPEWP	Red		●	●	255
E-1600-45A	Yellow	●			215
E-1600-45A-EWP	Yellow	●		●	215
E-1600-45-IP	Yellow		●		255
E-1600-45-IPEWP	Yellow		●	●	255
E-1600-60A	Blue	●			215
E-1600-60A-EWP	Blue	●		●	215
E-1600-60-IP	Blue		●		255
E-1600-60-IPEWP	Blue		●	●	255
E-1600-65A	Blue	●			215
E-1600-65A-EWP	Blue	●		●	215
E-1600-65-IP	Blue		●		255
E-1600-65-IPEWP	Blue		●	●	255

Vandal Resistant Phone

- Material: 12 gauge brushed 316 marine grade stainless steel
- Mounting: Flush mount in elevator cabs, stairwells, hallways, etc.
- Dimensions: 13.0" x 10.5" x 2"
- Heavy-duty panel with laser etched lettering for years of use

Model	Analog	VoIP	EWP	DOD
E-1600-02A	•			215
E-1600-02A-EWP	•		•	215
E-1600-02-IP		•		255
E-1600-02-IPEWP		•	•	255

- For features and operation, refer to page 8

Heavy-Duty Phone

- Material: Heavy duty 14 gauge 316 marine grade stainless steel, #4 brushed finish
- Mounting: Surface mount to walls, posts, single or double gang boxes or recess mount in elevator phone boxes
- Suitable for areas with vandalism issues
- Dimensions: 7.22" x 5.36" x 1.55"

Model	Analog	VoIP	EWP	DOD
E-1600-03B	•			215
E-1600-03B-EWP	•		•	215
E-1600-03-IP		•		255
E-1600-03-IPEWP		•	•	255

- For features and operation, refer to page 8

Two-Button Phone

- Material: 14 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount with included plastic rough-in box or use an optional **VE-Series** Surface Mount Box, sold separately (page 32)
- INFO button dials additional numbers for general info or directions

Model	Analog	VoIP	EWP	DOD
E-1600-20A	•			215
E-1600-20A-EWP	•		•	215
E-1600-20-IP		•		255
E-1600-20-IPEWP		•	•	255

- Dimensions: 5.0" x 5.0" x 2.25"
- For features and operation, refer to page 8

Double-Gang Mount Two-Button Phone

- Material: 14 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount in a standard double-gang electrical box
- INFO button dials additional numbers for general info or directions
- Dimensions: 5.0" x 5.0" x 2.25"

Model	Analog	VoIP	EWP	DOD
E-1600-22-IP		•		255
E-1600-22-IPEWP		•	•	255

- For features and operation, refer to page 8

Standard Phone

- Material: 14 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount with included plastic rough-in box or use an optional **VE-Series** Surface Mount Box, sold separately (page 32)
- Dimensions: 5.0" x 5.0" x 2.25"

Model	Analog	VoIP	EWP	DOD
E-1600-30A	•			215
E-1600-30A-EWP	•		•	215
E-1600-30-IP		•		255
E-1600-30-IPEWP		•	•	255

- For features and operation, refer to page 8

Double-Gang Phone

- Material: 14 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount in a standard double-gang electrical box
- Dimensions: 5.0" x 5.0" x 2.25"

Model	Analog	VoIP	EWP	DOD
E-1600-32A	•			215
E-1600-32A-EWP	•		•	215
E-1600-32-IP		•		255
E-1600-32-IPEWP		•	•	255

- For features and operation, refer to page 8

Emergency Phone Kit for Custom Installations

- Material: 16 gauge zinc plated steel

- Mounting: Install behind elevator panels for applications requiring a custom panel

- Dimensions: 5.0" x 5.0" x 2.25"

- For features and operation, refer to page 8

Model	Analog	VoIP	EWP	DOD
E-1600-55A	•			215
E-1600-55A-EWP	•		•	215
E-1600-55-IP		•		255
E-1600-55-IPEWP		•	•	255

42-Inch Tower Phones with Blue LED Strobe

- High intensity flashing LED strobe light with steady-on beacon option, 4 flash patterns and 6 brightness settings
- Strobe: Vandal resistant polycarbonate plastic
- Tower Chassis: 8 gauge thick aluminum, 3.0" x 6.0" rectangular tube
- Phone Panel: 14 gauge 316 marine grade stainless steel faceplate and stainless steel button
- Mounting: Surface mount to wall or post
- Strobe power supply included
- Comes with Enhanced Weather Protection (EWP), see page 4
- For features and operation, see page 8

Model	Lettering	Buttons	Analog	VoIP	EWP	DOD
E-1600A-AST-EWP	Assistance	1	•		•	217
E-1600A-AST2EWP	Assistance	2	•		•	217
E-1600-ASTIPEWP	Assistance	1		•	•	249
E-1600AST2IPEWP	Assistance	2		•	•	249
E-1600A-BLT-EWP	Emergency	1	•		•	217
E-1600A-BLT2EWP	Emergency	2	•		•	217
E-1600-BLTIPEWP	Emergency	1		•	•	249
E-1600BLT2IPEWP	Emergency	2		•	•	249

Emergency Phone Parts Kits

Viking Emergency Phone "parts kits" are specifically designed to be used behind custom panels or with competitor's panels. These are parts kits and do not include a chassis.

Kit includes:
- Circuit board
- Speaker
- LED
- Microphone
- Button(s)
- Braille label

For features and operation, refer to page 8

Model	Description	Analog	VoIP	EWP	DOD
E-1600-50A	Parts kit with 1 button	•			215
E-1600-50A-EWP	Parts kit with 1 button	•		•	215
E-1600-50-IP	Parts kit with 1 button		•		255
E-1600-50-IPEWP	Parts kit with 1 button		•	•	255
E-1600-52A	Parts kit with 2 buttons	•			215
E-1600-52A-EWP	Parts kit with 2 buttons	•		•	215
E-1600-52-IP	Parts kit with 2 buttons		•		255
E-1600-52-IPEWP	Parts kit with 2 buttons		•	•	255

Analog to VoIP Conversion Kit

The **E-1600-53-IP** conversion kit converts select Viking analog phones to VoIP. The kit saves money by re-using the housing, faceplate, mic, speaker, switch, and LED.

Model	Analog	VoIP	EWP	DOD
E-1600-53-IP		•		255
E-1600-53-IPEWP		•	•	255

For features and operation, refer to page 8

Emergency Phone for Elevator Phone Box

- 14 gauge red powder painted aluminum
- Mounting: Recess mount in standard elevator phone box (10" x 7" x 3")
- Dimensions: 9.875" x 6.86" x 2.1"
- For features and operation, see page 8

Model	Analog	VoIP	EWP	DOD
K-1600-EHFA	•			215

DESIGNED MANUFACTURED & SUPPORTED USA

Direct Replacement Emergency Phones

ADA Compliant Replacement Phones for Code Blue / GAI-Tronics / Talkaphone

- Direct replacement for select GAI-Tronics and Talkaphone panel phones
- Replacing Code Blue tower phones requires redrilling and tapping
- Flush mount to: GAI-Tronics, Talkaphone, and Code Blue towers / wall mounts / boxes / pedestals
- Comes standard with Enhanced Weather Protection (EWP), see page 4
- 12 gauge marine grade 316 stainless steel
- For features and operation, see page 8

Model	Replaces	Analog	VoIP	EWP	DOD
E-1600A-TP-EWP	Select Talkaphone and Code Blue models	•		•	218
E-1600A-TP2-EWP	Select two-button Talkaphone and Code Blue models	•		•	218
E-1600A-GT-EWP	Select GAI-Tronics models	•		•	218
E-1600-TP-IPEWP	Select Talkaphone and Code Blue models		•	•	255
E-1600-TP2IPEWP	Select two-button Talkaphone and Code Blue models		•	•	255
E-1600-GT-IPEWP	Select GAI-Tronics models		•	•	255

All-In-One Emergency Phone Panic Buttons

The **PB-3** and **PB-3-IP** are Emergency Phone Panic Buttons designed to mount discretely under a desk or countertop and provide a quick and reliable way to make a silent emergency call. The called party can silently monitor the situation or engage in two-way handsfree communication by entering a touch tone "#".

- Built-in 5 number dialer
- Cycles though numbers on busy or no-answer
- Programming stored in non-volatile memory
- Optional custom ID announcement
- Built-in microphone for silent monitoring

Model	Analog	VoIP	DOD
PB-3	•		239
PB-3-IP		•	241

Emergency Phone (non-ADA)

- Two wire installation: analog PABX, CO line, or FXS port powered
- Heavy-duty 14 gauge aluminum
- Durable red powder paint
- Recess mount in an elevator phone box
- Dimensions: 10" x 7" x 3"

Model	DOD
K-1500-EHFA	220

Line Verification Panel

- Test **1600A Series** phones for dial tone
- Detects a cut or disconnected phone line
- ASME A17.1 Elevator Code compliant
- Use on analog devices or an analog line
- Use with Viking **1600-IP Series** phones to indicate LAN connection failures

Model	DOD
LV-1K	246

Silent Panic Button Kit

- Use in conjunction with a Viking **1600A Series** or **1600-IP Series** emergency phone, or a **K-202-DVA / K-2000-DVA** alarm dialer (not included)
- LED can indicate call connected
- Unobtrusive - mount anywhere at any angle with foam tape

Press   **LED**

Model	DOD
PB-1	233
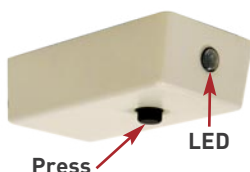
Line Verification Relay

The LVR-1 Line Verification Relay can be used to monitor the service on analog phone lines or extensions. The LVR-1 Line Verification Relay monitors the voltage on an analog phone line.

- On board relay with both NO and NC contacts
- Connect phone line via RJ-11 or terminal block
- Connect power via 2.1mm plug or terminal block

Model	DOD
LVR-1	506

Area of Refuge Signs and Accessories

Compliant with IBC, ADA, NFPA, and ICC Requirements

ARS-IB100   ARS-TB100   VE-ARSW

ARS-DLB100   ARS-DRB100

ARS-TB100: 6″ wide x 9″ tall tactile sign with 0.031″ raised white letters and accessibility symbol, California compliant contracted grade 2 Braille.

ARS-IB100: 6″ wide x 7.5″ tall instructional sign with 0.031″ raised white "Push For Help" letters and engraved white text, California compliant contracted grade 2 Braille.

ARS-DLB100 (left arrow) and **ARS-DRB100** (right arrow): 12″ wide x 4″ tall directional sign with engraved white text.

VE-ARSW: Area of Refuge surface mount command center cabinet. Lockable for mounting "Two-Way Communications System" phone in low rise (less than 60 ft tall) buildings.

Model	Description	DOD
ARS-DLB100	Left arrow directional sign	235
ARS-DRB100	Right arrow directional sign	235
ARS-IB100	Instructional Braille and raised letter sign	235
ARS-TB100	Blue tactile Braille and raised letter sign	235
VE-ARSW	Command center cabinet	237

Smart Line Sharing Device

- Allows an emergency device to share a line with other devices
- Routes incoming and outgoing calls
- Priority to emergency devices
- Incoming calls routed to one of two ports by Caller ID, Distinctive Ring, or Call Back
- Stores up to 12 Caller ID numbers

Model	DOD
LSD-2	262

Analog Line Sharing

- Routes both incoming and outgoing calls
- Incoming calls routed to one of two ports by distinctive ring or quick callback
- Emergency callback function maintains line availability for 911 callback
- Priority to emergency devices

Model	DOD
LS-911	238

Line Seizure Relay

- Emergency device can share a line with a phone system
- Can be used on any CO line or analog PABX/KSU station
- Interrupts a call in progress and returns fresh dial tone to the emergency phone
- Off hook indication for emergency device port
- Easy modular connections

Model	DOD
LSR-1	230

3 Port Line Concentrator

- Fire Floor Phone port provided to meet elevator code
- Connects up to 3 devices
- Inbound calls can be transferred to any port

Model	DOD
LC-3	223

Emergency Voice Module

- Emergency / Elevator phone identification for meeting ADA requirements
- Automatic playback capability
- Phone line powered

Model	DOD
EV-1	135

6 Port Line Concentrator

- Share up to 6 devices
- Communicate with local and/or remote personnel
- Meets the ASME A17.1 requirements
- Separate ports for Fire Floor, Machine Room, and Lobby

Model	DOD
LC-6	245

8 Port Line Concentrator

- Share up to 8 devices
- Auto-answers inbound calls
- Call waiting
- Paging feature
- Fire floor phone connection
- Battery backup

| Model	DOD
LC-8	225

Analog (No Dial) Panel Phones

The **K-1500-6A** and **K-1500-7** provide simple vandal resistant communication in a flush mount, stainless steel, panel telephone. The **K-1500-6A** and **K-1500-7** work with Viking's **DLE-200B** Line Simulator (page 29) or on a dedicated ringdown circuit. If dialing is necessary, use Viking's **K-1900-7** or combine the **K-1500-6A** or **K-1500-7** with Viking's **K-1900-5** Hot-Line Dialer (page 17).

The **K-1500-6A** and **K-1500-7** consist of a heavy gauge stainless steel panel, an armored cable, a heavy duty black hearing aid compatible amplified handset, and an all metal cradle. Both phones are designed to mount to a standard double gang electrical box.

- **K-1500-6A** Dimensions: 4.56"W x 4.5"H
- **K-1500-7** Dimensions: 5.0"W x 10.0"H

- Operates on: CO line or analog PABX/FXS station
- Flush mount to a standard double gang box
- Surface mount the **K-1500-7** with a **VE-5x10** Surface Mount Box (page 33) or a **VE-9x20** enclosure (page 34), each sold separately
- If a ringer is required, use an external unit such as the Viking **LPR-1** (page 25) or **SR-1** (page 23), each sold separately

Model	Analog	VoIP	EWP	DOD
K-1500-6A	•			352
K-1500-7	•			352

K-1500-6A **K-1500-7**

**36" Armored Cable**
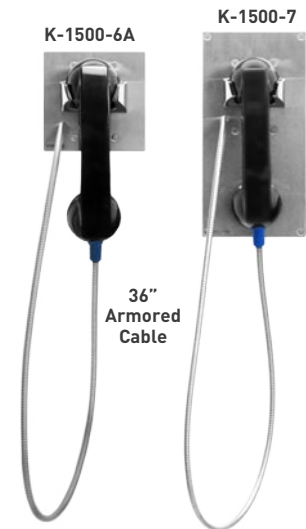
Analog Hot-Line Panel Phone

The **K-1900-7 Series** panel phones will auto-dial a 1-32 digit programmable phone number each time the handset is lifted. The unit can touch tone or pulse dial and will not auto-dial on incoming calls.

Models **K-1900-712L** and **K-1900-712L-EWP** have a 12" long armored cable with an internal stainless steel lanyard for additional strength.

Models with Enhanced Weather Protection (EWP) are designed to meet IP66 Ingress Protection Rating, see page 4.

- Dimensions: 5.0"W x 10.0"H
- Vandal resistant 0.105" thick 316 marine grade stainless steel panel
- Hearing aid compatible amplified handset with volume control
- Touch tone or pulse auto-dialing
- Armored cable and metal cradle
- Operating temperature: -30° to 140°F
- Optional **VE-5x10** Surface Mount Box (page 33) or a **VE-9x20** enclosure (page 34), each sold separately
- If a ringer is required, use an external unit such as the Viking **LPR-1** (page 25) or **SR-1** (page 23), each sold separately

Model	Description	Analog	VoIP	EWP	DOD
K-1900-7	36" armored cable	•			364
K-1900-7-EWP	54" armored cable	•		•	364
K-1900-712L	12" armored cable and lanyard	•			364
K-1900-712L-EWP	12" armored cable and lanyard	•		•	364

K-1900-712L
K-1900-712L-EWP **K-1900-7** **K-1900-7-EWP**

12" Armored Cable and Lanyard

36" Armored Cable

54" Armored Cable
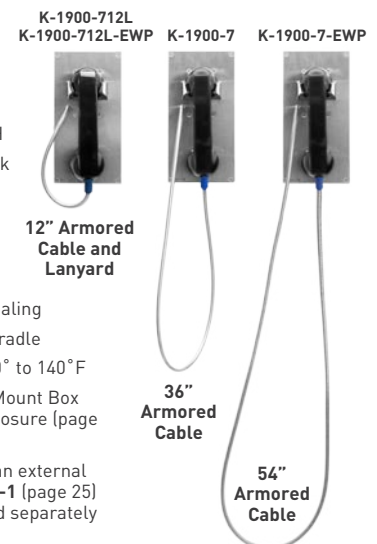
Analog Panel Phone with Keypad

The **K-1900-8 Series** panel phones can either auto-dial a phone number each time the handset is lifted, be used as a multi-number auto-dialer, or be used as a standard (manual dial) phone. The unit will touch tone or pulse dial and will not dial on incoming calls.

Models **K-1900-812L** and **K-1900-812L-EWP** have a 12" long armored cable with an internal stainless steel lanyard for additional strength.

Models with Enhanced Weather Protection (EWP) are designed to meet IP66 Ingress Protection Rating, see page 4.

- Touch tone or pulse speed dialing with a programmable pre-dial pause
- Vandal resistant 0.105" thick 316 marine grade stainless steel panel
- Tamper-resistant armored cable and metal cradle
- Dimensions: 5.0"W x 10.0"H
- Temperature range: -30° to 140°F
- Hearing aid compatible amplified handset with volume control
- Optional **VE-5x10** Surface Mount Box (page 33) or a **VE-9x20** enclosure (page 34), each sold separately
- If a ringer is required, use an external unit such as the Viking **LPR-1** (page 25) or **SR-1** (page 23), each sold separately

Model	Description	Analog	VoIP	EWP	DOD
K-1900-8	36" armored cable	•			362
K-1900-8-EWP	54" armored cable	•		•	362
K-1900-812L	12" armored cable and lanyard	•			362
K-1900-812L-EWP	12" armored cable and lanyard	•		•	362

K-1900-812L
K-1900-812L-EWP **K-1900-8** **K-1900-8-EWP**

12" Armored Cable and Lanyard

36" Armored Cable

54" Armored Cable
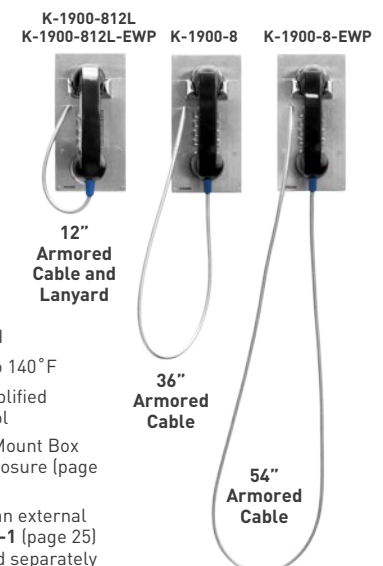
VoIP Panel Phones with Dialer

K-1900-6-IP   K-1900-6-IP-EWP

36" Armored Cable

54" Armored Cable

The **K-1900-6-IP Series** and **K-1900-7-IP Series** VoIP Panel Phones will auto-dial a 1-20 digit programmable phone number each time the handset is lifted. If the call is not answered, the phone will dial up to 3 additional phone numbers. The phones are PoE powered and can be programmed from any PC on the same LAN or remotely using a Static IP Address.

When a call initiated by the panel phone is answered by an apartment or business tenant, a built-in relay may be activated to control an electric gate or door strike. The relay can also be programmed to activate whenever the phone is off hook, ideal for controlling cameras, etc.

Models **K-1900-712L-IP** and **K-1900712LIPEWP** have a 12" long armored cable with an internal stainless steel lanyard for additional strength.

Models with Enhanced Weather Protection (EWP) are designed to meet IP66 Ingress Protection Rating, see page 4.

- **K-1900-6-IP Series** Dimensions: 4.56"W x 4.5"H
- **K-1900-7-IP Series** Dimensions: 5.0"W x 10.0"H
- Provide vandal resistant communication for SIP VoIP phone systems

K-1900-712L-IP
K-1900712LIPEWP   K-1900-7-IP   K-1900-7-IP-EWP

12" Armored Cable and Lanyard

36" Armored Cable

54" Armored Cable

Model	Description	Analog	VoIP	EWP	DOD
K-1900-6-IP	36" armored cable		●		363
K-1900-6-IP-EWP	54" armored cable		●	●	363
K-1900-7-IP	36" armored cable		●		365
K-1900-7-IP-EWP	54" armored cable		●	●	365
K-1900-712L-IP	12" armored cable and lanyard		●		365
K-1900712LIPEWP	12" armored cable and lanyard		●	●	365
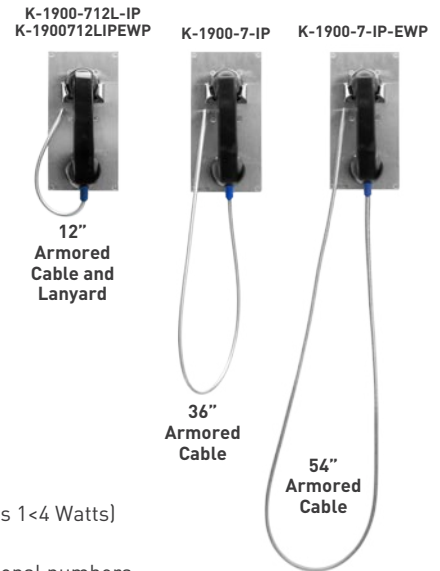
- PoE powered (class 1<4 Watts)
- Built-in ringer
- Dials up to 3 additional numbers on busy or ring no answer
- Flush mount to a standard double gang box
- Surface mount any of the **K-1900-7-IP Series** phones with a **VE-5x10** Surface Mount Box (page 33) or a **VE-9x20** enclosure (page 34), each sold separately

# VoIP Panel Phone with Built-In Entry System

The **K-1900-8-IP Series** VoIP panel phones can either auto-dial a phone number each time the handset is lifted, be used as a multi-number auto-dialer, or be used as a standard manual dial phone. The panel phone is PoE powered and can be programmed from any PC on the same LAN or remotely using a Static IP Address.

The **K-1900-8-IP Series** phone can dial up to 250 programmable numbers and another 250 rollover numbers. When a call initiated by the panel phone is answered by an apartment or business tenant, a built-in relay may be activated to control an electric gate or door strike. A request for exit (REX) input is included for easy exiting.

Models **K-1900-812L-IP** and **K-1900812LIPEWP** have a 12" long armored cable with an internal stainless steel lanyard for additional strength.
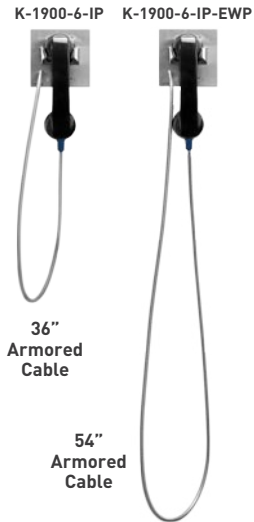
Models with Enhanced Weather Protection (EWP) are designed to meet IP66 Ingress Protection Rating, see page 4.

- Provide vandal resistant communication for SIP VoIP phone systems
- Speed dials up to 250 numbers, each with a rollover number
- Store up to 1000 keyless entry codes
- PoE powered (class 2 < 6.5 Watts)
- Event logging with time and date stamp
- 2 sets of relay contacts for door / gate / camera control
- 26-bit Wiegand input for optional proximity card readers
- Built-in ringer
- Dimensions: 5.0"W x 10.0"H

K-1900-812L-IP
K-1900812LIPEWP   K-1900-8-IP   K-1900-8-IP-EWP

12" Armored Cable and Lanyard

36" Armored Cable

54" Armored Cable

Model	Description	Analog	VoIP	EWP	DOD
K-1900-8-IP	36" armored cable		●		361
K-1900-8-IP-EWP	54" armored cable		●	●	361
K-1900-812L-IP	12" armored cable and lanyard		●		361
K-1900812LIPEWP	12" armored cable and lanyard		●	●	361
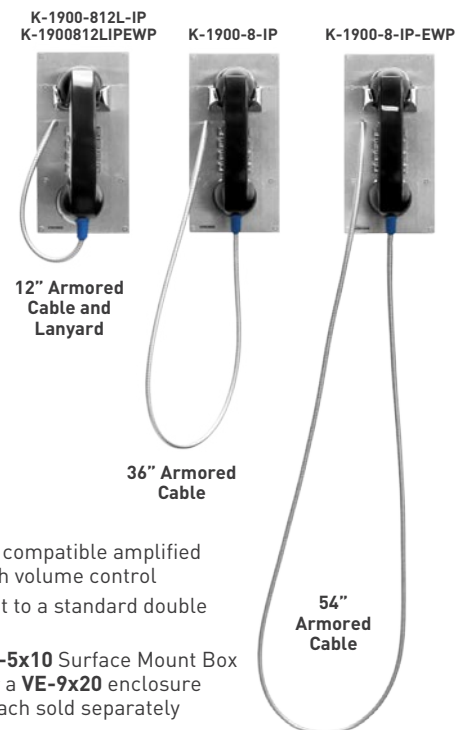
- Hearing aid compatible amplified handset with volume control
- Flush mount to a standard double gang box
- Optional **VE-5x10** Surface Mount Box (page 33) or a **VE-9x20** enclosure (page 34), each sold separately

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Single Number Dialer Hot-Line Phones

The **K-1900 Series** of Hot-Line phones are programmable to dial a 1-32 digit telephone number each time the phone's handset is lifted. They can be programmed to touch tone or pulse dial and will not dial on incoming calls.

- 1-32 digit programmable speed dial number
- Telephone line powered and touch tone programmable
- Hearing aid compatible amplified handsets with volume control
- Touch tone and 10/20 pps pulse dialing
- Non-volatile memory (no batteries required)
- Restricts fraudulent calls from hand held dialers
- Available in red, ash or custom colors
- Operates on a CO line, analog PABX station, or FXS port
- Optional **Q170600 RINGER** can be added, see DOD 834

K-1900D-2 ASH

K-1900W-2 ASH   K-1900W-2   K-1900D-2

Model	Description	Analog	VoIP	DOD
K-1900D-2	Red Hot-Line Desk Phone	•		360
K-1900W-2	Red Hot-Line Wall Phone	•		360
K-1900D-2 ASH	Ash Hot-Line Desk Phone	•		360
K-1900W-2 ASH	Ash Hot-Line Wall Phone	•		360
Q170600 RINGER	Electronic Ringer	•		834

Applications:
- Courtesy and Emergency Phones
- Customer Service
- Airline / Hotel / Rental Car Reservations
- Help Lines
- Cash Machines
- Taxi Service
- Security
- POS Displays

Classic VoIP Phones with Auto Dialer

The **K-1900D-IP** and **K-1900W-IP** VoIP phones will automatically dial a 1-20 digit programmable phone number each time the handset is lifted. If the call is not answered, the phone will dial up to 3 additional phone numbers. The phones are designed to provide quick and reliable communication for SIP VoIP phone systems with PoE. The unit can be programmed from any PC on the same LAN or remotely using a Static IP address.

- Ring with adjustable volume and cadence
- Hearing aid compatible amplified handset
- SIP compliant
- PoE powered (class 1, <4 Watts)
- Outbound Proxy, Authentication ID, Peer to Peer, VLAN Tagging
- Network downloadable firmware
- Remotely programmable
- Optional **RC-4A** for secure remote relay control, see DOD 582

K-1900D-IP ASH

K-1900W-IP ASH   K-1900W-IP   K-1900D-IP

Model	Description	Analog	VoIP	DOD
K-1900D-IP	Red Hot-Line Desk Phone		•	509
K-1900W-IP	Red Hot-Line Wall Phone		•	509
K-1900D-IP ASH	Ash Hot-Line Desk Phone		•	509
K-1900W-IP ASH	Ash Hot-Line Wall Phone		•	509

Applications:
- Kiosk Phone
- Hot-Line Phone
- Courtesy Assistance Phone
- Customer Service Phone
- Automated Teller (ATM) Phone
- Security or Emergency Phone

Dial-Less Phones with Ringers

Use to Receive Inbound Calls

These phones are compatible with ringdown circuits such as model **DLE-200B** (page 29), dialers such as Viking's **K-1900-5** and **K-1900-30** (page 17) as well as an analog PABX, CO line or FXS port configured as a ringdown circuit.

K-1500P-D ASH

K-1500P-W ASH

K-1500P-W   K-1500P-D

Model	Description	DOD
K-1500P-D	Red Manual Desk Phone	355
K-1500P-W	Red Manual Wall Phone	355
K-1500P-D ASH	Ash Manual Desk Phone	355
K-1500P-W ASH	Ash Manual Wall Phone	355

Hot-Line Tone / Pulse Dialers

These analog PABX, CO line or FXS port powered dialers automatically dial the programmed number each time the connected phone goes off-hook.

Model **K-1900-4** provides 10 or 20 pps pulse dialing and automatically dials a 1-16 digit phone number when an associated telephone is taken off-hook.

Model **K-1900-5** provides 1 - 32 digit touch tone dialing and 1 or 4 second pauses. The **K-1900-5** can also help eliminate toll fraud by blocking hand-held dialers and "hook-switch" or pulse dialing.

Model	Description	DOD
K-1900-4	Hot-Line Pulse Dialer	315
K-1900-5	Hot-Line Touch Tone Dialer	317

K-1900-4   **K-1900-5**

100 Number Dialer

- Add speed dialing features to any analog phone
- Programmable as a single number hot-line dialer or program as a multi-number dialer
- Local or remote programming with a standard touch tone phone
- AC power allows installation on nearly any analog line
- Use on an analog PABX, CO line, or FXS port
- Stores up to (100) 32-digit phone numbers

Model	DOD
K-1900-9	321

Smart Touch Tone Dialer

- Add speed dialing features to any analog phone
- Applications include: Parking lot or ramp phones, ATM phones, door entry phones, etc.

When a connected device goes off-hook, the **K-1900-30** automatically dials a 1-20 digit phone number, and can be programmed to call up to 4 additional phone numbers if the line is busy, or is not answered. The **K-1900-30** can be used to add the smart dialing features of a Viking **E-30** to other non-dialing **E-Series** or **K-Series** phones, or any analog phone.

Model	DOD
K-1900-30	300

2 Input Dialer / Announcer

The **K-202-DVA** is a two input, multi-number auto dialer and digital announcer, designed for emergency and non-emergency message notification.

The **K-202-DVA** has two dry contact inputs, each of which can dial up to seven 32-digit phone numbers and play a message up to 1 minute in length specific to that input.

- Two normally open or normally closed contact inputs
- 2 minutes of record time (1 minute per input)
- Record messages locally or remotely
- Stores up to seven 32-digit phone numbers per input
- 7 number dialer rolls to the next number on busy or no answer
- Call progress detection capability with normal and fast busy, call pickup, CPC and ring-no-answer
- Program with touch tone phone
- Power supply included

Model	DOD
K-202-DVA	305

8 Input Dialer / Announcer

The **K-2000-DVA** is a programmable, eight input, multi-number auto dialer and digital announcer, designed for both emergency and non-emergency message notification. It can store up to eight 32-digit numbers per input, for a total of up to 64 different numbers. Record up to eight different messages, with a total record time of eight minutes.

- 8 normally open or normally closed contact inputs, can also be set as enabled or disabled
- 8 minutes of record time (1 minute per input)
- Record messages locally or remotely
- Programmable message repeat and lap counter
- Terminals to connect a switch for local reset of all inputs
- "Store Caster" mode
- Power supply included

Model	DOD
K-2000-DVA	303

High Power SIP/Multicast Paging Amplifier

The **PA-250-IP** provides up to 250 Watts of loud paging for SIP based VoIP phone systems (hardware or hosted/cloud based service provider). The **PA-250-IP** can be used for standard SIP endpoint paging or multicast paging.

The **PA-250-IP** can drive up to two hundred fifty (250) 70V speakers and/or paging horns (each speaker set to "1 Watt tap"). The **PA-250-IP** features individual level controls with LED indicators for each input, automatic peak limiting, multiple amplifier protection modes, an adjustable Automatic Level Control, and Bass & Treble Controls.

The unit easily connects with a single CAT5/6 cable from your network switch.

• SIP endpoint or multicast group member
• SIP/Multicast: SIP page, SIP page and zoned multicast receive
• Audio from standard multicast sources
• Network downloadable firmware
• Access code prevents unwanted SIP calls
• Network remote volume control
• Programmable pre-page alert tone
• Powerful 70V amplifier drives up to 250 Watt load

• Door chime trigger input
• Auxiliary and background music inputs
• Individual and master volume control
• Bass and treble controls
• LEDs show audio level and activity
• Provides loud ringing
• 600 Ohm output to drive additional amplifiers
• Adjustable Automatic Level Control
• Tamper resistant trim pots

Model	Description	DOD
PA-250-IP	SIP/Multicast Paging Amplifier	501

SIP / Multicast Paging Adapter with Amplifier

• SIP endpoint and/or multicast group member
• PoE powered (class 3, <13 Watts)
• Paging prioritization
• Supports up to 10 multicast groups
• Relay for activating door locks, etc.
• Built-in 6 Watt class D amplifier can drive up to 6 analog 8 Ohm speakers
• Network downloadable firmware

• Line-level input for background music or mass notification
• Optional access code prevents unwanted SIP calls
• Line-level output for external amplifier
• Autoprovisioning via Viking programming software

Model	DOD
PA-IP	505

IP Speaker for SIP/Multicast Paging

• SIP endpoint and/or multicast group member
• Supports up to 10 multicast paging groups
• PoE powered (class 3, <13 Watts)
• Built-in 6 Watt class D amplifier drives up to 5 analog 8 Ohm speakers
• Paging prioritization
• Autoprovisioning via Viking software
• Dimensions: 11" diameter x 4" depth
• Line-level input and line-level output
• Network remote speaker volume control
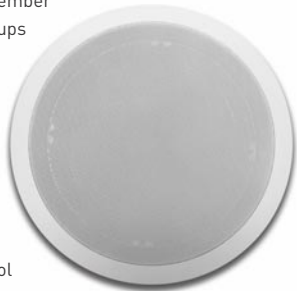
Model	DOD
40-IP	503

IP Paging Speaker Adapter

Convert any 8 Ohm, 25V or 70V analog paging speaker into a SIP endpoint paging speaker. The speaker can then be used for standard one-way SIP endpoint paging or one-way multicast paging.

The compact chassis mounts magnetically to the back of the speaker magnet or fastened to the 25/70V transformer mounting holes on the speaker frame. Attach to the existing speaker wires then connect with a single CAT5/6 cable from your PoE switch.

The **PSA-IP** has a high efficiency 6 Watt class D amplifier capable of driving up to six 8 Ohm analog paging speakers.

Model	DOD
PSA-IP	516

IP Paging Speaker Adapter with Talk-Back

Convert any 8 Ohm, 25V or 70V analog paging speaker to an IP speaker for SIP endpoint paging, multicast paging and making standard or emergency SIP calls.

The compact chassis mounts magnetically to the back of the speaker magnet or fastened to the 25/70V transformer mounting holes on the speaker frame.

An optional auxiliary switch input allows a hard wired button or switch to initiate a SIP call. A momentary
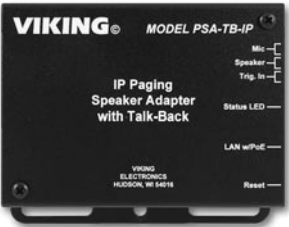
button press will initiate a standard call, while holding the button for 3 or more seconds will initiate an emergency call. The microphone enables talk-back and monitors noise to adjust speaker volume.

Model	DOD
PSA-TB-IP	517

SIP / Multicast Paging Horn

The **300-IP** Paging Horn can be used for standard one-way SIP endpoint paging, multicast paging or background music.

The **300-IP** features a high efficiency 6 Watt class D amplifier capable of driving the horn at up to 113 dB SPL at 1 meter.

The **300-IP-EWP** shares all of the features of the **300-IP** in addition to Enhanced Weather Protection (EWP) for outdoor installations where the unit is exposed to precipitation or condensation.

- Large 10-inch diameter horn
- SIP compliant
- PoE powered (class 3, <13 Watts)
- SIP endpoint or multicast group member
- Built-in high-efficiency 6 Watt class D amplifier
- SIP/Multicast: SIP page, SIP page and zoned multicast receive
- Access code to prevent unwanted SIP calls
- Hangs up on: busy signal, time-out, or touch tone command
- Network remote speaker volume control
- Programmable pre-page alert tone
- Waterproof RJ45 connector protects the connections from outside elements

Model	VoIP	EWP	DOD
300-IP	●		518
300-IP-EWP	●	●	518

SIP / Multicast Paging Horn with Talk-Back

The **300TB-IP** can be used for: standard one-way SIP endpoint paging, two-way conversations via SIP endpoint paging, one-way multicast paging, and making standard or emergency two-way SIP calls initiated from the optional auxiliary switch input. The microphone enables talk-back and also monitors room noise to increase the speaker volume when necessary. The auxiliary switch input allows a hard wired button or switch to initiate a standard or emergency SIP call.

The **300TB-IP-EWP** shares all of the features of the **300TB-IP** in addition to Enhanced Weather Protection (EWP).

- Large 10-inch diameter horn
- SIP compliant
- PoE powered (class 3, <13 Watts)
- SIP endpoint or multicast group member
- Automatic Noise Canceling (ANC) feature for operation in noisy environments
- Selectable auto-answer feature for monitoring
- Built-in high-efficiency 6 Watt class D amplifier
- SIP/Multicast: SIP page, SIP page and zoned multicast receive
- Support for access code to prevent unwanted SIP calls
- Hangs up on: busy, time-out, or touch tone command
- Network remote speaker volume control
- Automatic Gain Control (AGC) to automatically increase ring volume to compensate for ambient noise
- Waterproof RJ45 connector protects the connections from outside elements

Model	VoIP	EWP	DOD
300TB-IP	●		519
300TB-IP-EWP	●	●	519

SIP / Multicast Talk-Back Speakers

Viking's Talk-Back Speakers enable two-way conversations via SIP and also allow for standard paging and background music via multicast. The Talk-Back Speakers easily connect with a single CAT 5/6 cable from your PoE switch. An auxiliary switch input allows a hard wired wall button to initiate a standard or emergency SIP call.

- PoE powered (class 3, <13 Watts)
- Up to 28 second ID announcement
- Plays audio from multicast
- SIP endpoint or multicast group member
- Up to 10 multicast paging groups
- Viking's proprietary VOX switching eliminates the need for "Push to Talk"
- Auto-answer feature for monitoring

- Built-in 6 Watt class D amplifier
- Automatic Noise Canceling (ANC) for use in noisy environments
- Can drive up to 5 external analog speakers for greater coverage
- Relay to activate door locks, strobe lights, external amplifiers, etc.
- **40TB-IP**'s shallow depth allows easy mounting in a wall or ceiling
- **22TB-IP** is designed for quick and easy installation in drop or suspended ceilings
- Line-level input and output

22TB-IP
Ceiling Tile
(24" x 24")

(side view)

40TB-IP
11" Diameter
Speaker

(side view)

Model	Description	DOD
22TB-IP	24" x 24" Drop-In Ceiling Tile	508
40TB-IP	11" Diameter Speaker	502
BTR-3	Wireless Remote (40TB-IP only)	502

**Model BTR-3
Wireless Remote**
Initiates SIP calls and controls volume.
*Compatible with 40TB-IP only.
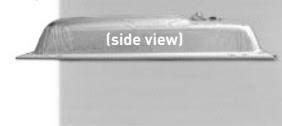
2 Watt Paging Amplifier / Loud Ringer

- For PABX and FXO applications
- Drives up to (3) 8 Ohm paging horns / speakers
- Compatible speakers: **25AE, 30AE, 35AE, 40AE,** and **300AE** (see page 22)

The **PA-2A** monitors up to 6 analog lines for ringing or can be activated by a phone system contact closure. A loud electronic warble (108 dB @ 1 meter), double gong, quadruple chime or a door chime can be selected to announce incoming calls. To page, connect to a paging port, unused trunk input, or FXO port on a phone system. The unit provides 2 Watts of power - enough to drive three 8 Ohm speakers.

Model	DOD
PA-2A	485

The **PA-2A** has an input for loud ringing on/off switch, output for controlling a 12 Volt relay, and 600 Ohm output for sourcing high powered paging amplifiers. Includes one 25AE paging horn and power supply.

15 Watt Telecom Paging Amplifier

- For Centrex, PABX, FXO and FXS applications
- Drives up to (15) 8 Ohm paging horns / speakers
- Compatible speakers: **25AE, 30AE, 35AE, 40AE,** and **300AE** (see page 22)

The **PA-15** allows paging from a PABX paging port, an unused trunk input / FXO port (provides 36 Volts of talk battery), or an analog PABX station, Centrex, CO line or FXS port. The **PA-15** can disconnect on CPC, busy, silence or a 16 to 72 second (defeatable) timer. The **PA-15** can provide an alert tone prior to paging.

Model	DOD
PA-15	486

Background music (muted during page) can be added from an external source. Four electronic tones are available for loud ringing. Power supply included.

30 Watt Telecom Paging Amplifier

- For PABX and FXO applications
- Drives up to (30) 8 Ohm or (50) 70V or 25V speakers
- Compatible speakers: **25AE, 30AE, 35AE, 40AE, 300AE, 25AE-70V,** and **30AE-70V** (see page 22)

The **PA-30** provides paging from the phone system paging port or connect to an unused trunk input or FXO port (provides 40 Volts of talk battery). The **PA-30** has separate inputs and volume controls for paging, auxiliary source, loud ringing and background music. A contact closure or ringing line can activate loud ringing. Four electronic tones are available for loud ringing. Power supply included.

Model	DOD
PA-30	489

The **PA-30** also has inputs for a night transfer (loud ringing) on/off switch. The **PA-30** has a 600 Ohm output to drive additional amplifiers. Electronic switching eliminates pops and clicks.

60 Watt Power Amplifier

- Add 60 Watts of total paging power to two zones
- Drives up to (60) 8 Ohm or (100) 70V or 25V speakers
- Compatible speakers: **25AE, 30AE, 35AE, 40AE, 300AE, 25AE-70V,** and **30AE-70V** (see page 22)

The **PA-60** boosts the power output of smaller paging systems by 60 to 100 speakers. Since each input has its own gain adjustment, one zone can be turned up louder for warehouse paging horn speakers, and the other zone can be turned down for office ceiling speakers.

Model	DOD
PA-60	493

The **PA-60** inputs are transformer coupled so they are floating and isolated. Connect to line level audio or direct to an existing paging amp output. Power supply included.

250 Watt / 70V High Power Paging Amplifiers

Viking's high power 250 Watt / 70V amplifiers can each drive up to (250) 70V speakers and/or paging horns. The **PA-250** connects to any type of analog telecom interface. The **PP-250** can connect to any line level audio source.

PA-250

PP-250

Model	Description	DOD
PA-250	Telecom Paging Amplifier	500
PP-250	Paging Power Amplifier	511

- Power supply included
- Compatible speakers: 70V paging horns and speakers, see page 22

Anti-Feedback Paging Interface

- Eliminate the feedback "squeal" when paging
- Compatible with paging ports or trunk (FXO) ports
- High quality (80K/40K) digital message storage
- High output: 2V RMS into 600 Ohms
- Programmable paging features
- Power supply included

HOW IT WORKS: The "live" page is digitally recorded. When complete, the paging amplifier is activated and the page is replayed once or twice.

Model	DOD
FBI-1A	465

Handsfree Talk-Back Paging System

- Interface with unused trunk (FXO) ports, single line phones, and phone systems with a two-way paging port
- 3 Watts of paging power
- Page alert tone
- "Push-to-Talk" feature
- 28V DC talk battery
- Background music input
- 25-50 ft talk-back range

- Power supply included
- (1) **25AE** Paging Horn included (page 22)

Model	DOD
HF-3W	470

Night Bell Over Existing Paging System

- Provide electronic warble tone over an existing paging system
- Powered by ring signal – no external power supply required
- Terminals for automatic switching between paging audio and warble tone
- Auxiliary relay contacts provided
- Connects to a CO line, analog station, or FXS port with RJ11 or terminals
- Floating 600 Ohm audio output

Model	DOD
K-600F	476

Applications Include: Offices, Clinics, Warehouses, Factories – anywhere people may be working after the receptionist goes home

Universal Telecom Paging Interface

The **FXI-1A** universal paging interface allows you to provide paging from virtually any type of phone system instead of from a microphone. You can also provide background music and electronic night bell over the paging system.

- Power supply included
- Select: FXO (loop start), FXS (ring trip) or paging port (VOX relay) interface mode
- 30V talk battery for use with an FXO port or unused trunk input

Model	DOD
FXI-1A	483

- 600 Ohm paging output - mutes music during page

Page Port / Trunk Input / FXO Paging Interface

Provides paging using phones (instead of a microphone) over a PA audio system. VOX relay contacts mute background music for phone systems that don't provide a paging contact (Panasonic®, S.W. Bell®, Intertel®, etc.). If a Paging Port is not available, use an unused trunk input or FXO port.

- Provides talk battery for connecting to an unused trunk input or FXO port
- Power supply included

Model	DOD
PI-1A	491

- 600 Ohm output
- VOX switching
- Night Bell
- Mutes music

Phone Line Powered Remote Access Device

The **RAD-1A** remote access device gives authorized users remote access to one way paging amplifiers, digital announcers, and other audio programs.

- Programmable security code and access code
- Separate 600 Ohm audio and telephone line output

Model	DOD
RAD-1A	410

- Programmable call timer and silence time-out
- Relay contacts available for systems that need a dry contact closure

Zone Paging Controller

- Switches line level signal to amplifiers
- Switches amplified signal to speakers
- Expand to 8 zones using 2 units
- All-call and group call patterns
- Balanced audio circuitry for low noise
- Input provided for background music

The **ZPI-4** paging system is capable of switching a line level signal (600 Ohms) to amplifiers or an amplified signal to 70V or 8 Ohm speakers. The **ZPI-4** features separate level controls for paging and background music (can be disabled on a per-zone basis). Also provided is a night bell with adjustable volume activated by a dry contact closure or a ringing analog PABX/KSU/FXS station.

Model	DOD
ZPI-4	499

The **ZPI-4** is compatible with ringing analog PABX/KSU/FXS station ports as well as unused trunk/FXO port inputs, and will interface directly with standard paging ports.

Paging / Ringing Amplifier

- Amplify key phone paging and ringing
- Add speakers to loaded paging systems
- Adjustable volume control
- Powers up to (3) 8 Ohm speakers
- Screw terminal connections
- Power supply included
- One **25AE** Paging Horn included

Model	DOD
M2W	480
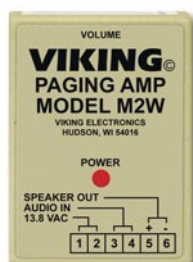
Tile Bridge

Use when mounting Viking ceiling speakers on 2' x 2' or 2' x 4' ceiling tiles

Model	DOD
SA-TBA	534

Compatible Viking models:
30AE, **35AE**, **40AE**, **30AE-70V, 40-IP, 40TB-IP, SA-1S** (not included)

8 Ohm Paging Speakers and Horns

30AE   35AE   40AE   25AE   300AE

30AE: 6 Watt 8 Ohm ceiling speaker, mounting hardware included

35AE: 6 Watt 8 Ohm ceiling speaker with volume control and mounting hardware included

40AE: 15 Watt 8 Ohm ceiling speaker with a modern look, excellent sound quality, and integral mounting system. Ideal for offices, reception areas, etc.

25AE: 12 Watt 8 Ohm compact paging horn

300AE: 30 Watt 8 Ohm / 70 Volt paging horn for additional volume and voice intelligibility

Model	Description	DOD
30AE	8 Ohm Ceiling Speaker	498
35AE	8 Ohm Ceiling Speaker with Volume Control	498
40AE	8 Ohm Modern Ceiling Speaker	498
25AE	12 Watt 8 Ohm Paging Horn	498
300AE	30 Watt 8 Ohm / 70V Paging Horn	497

70 Volt Paging Speakers and Horns

25AE-70V   30AE-70V   300AE

30AE-70V: 10 Watt 70 Volt ceiling speaker, mounting hardware included

25AE-70V: 10 Watt 70 Volt compact paging horn

300AE: 30 Watt 8 Ohm / 70 Volt paging horn for additional volume and voice intelligibility

Model	Description	DOD
25AE-70V	70 Volt Paging Horn	471
30AE-70V	70 Volt Ceiling Speaker	473
300AE	30 Watt 8 Ohm / 70 Volt Paging Horn	497

Clock Controlled Tone Generator

- Timed single, double, or triple bong, or buzzer tones
- Alarm and standard NFPA/ANSI evacuation tones
- Programmable day of week, schedule 1, schedule 2, or off

Provide a paging system with up to 128 events in a 24 hour period in two separate schedules. Different alert tones may be used to indicate start or end of shift, break, lunch, etc. Dry contact closures can activate alarm, fire, evacuation, etc. sounds over paging.

Model	DOD
CTG-1A	461

Mass Notification Announcer

- Includes 10 different tones and 5 different user recorded messages
- Securely activate, reset, or live page from a remote phone
- Connect to a phone line, FXS/FXO port, PABX station, or trunk port

The **DNA-510** digital mass notification announcer provides up to 2 minutes of voice emergency instructions and alert tones over an existing paging system. The **DNA-510** will interrupt paging or background music and inject alert tones, emergency instructions, or live page over a paging system. Power supply included.

Model	DOD
DNA-510	492

Audio Isolation Board

Model AIB-1 is a 1:1 isolation transformer that is designed to enable coupling between audio circuits. Speaker Level, Line Level, and Telecom Station inputs are available on screw terminals, an RCA jack, and a modular jack. The Line Level output is available on screw terminals and RCA jack.

- Eliminate ground loop hum in paging systems
- Consolidate two audio sources
- Outputs: screw terminals and RCA jack
- Inputs: screw terminals, RCA jack, and modular jack
- Line level output

Model	DOD
AIB-1	259

- Daisy chain a paging speaker output into a second power amplifier input
- Wall mount with foam tape and screws
- Excellent sound quality

Add Paging and Door Chimes to Your Audio System

Both the **SLP-1** and **SLP-4** allow the user to page family members or co-workers from any phone in your home or small business. Pages are heard over the same speakers installed for multi-zone music distribution. Music is muted during the page and optionally during phone calls.

The **SLP-4** also provides inputs for 4 lighted doorbell switches. Select different sounds for each input. When the doorbell switch is pressed, or the user pages, the music is muted while the appropriate sound or page is heard over the system speakers.

Model	DOD
SLP-1	478
SLP-4	479

Single Line Loud Ringer

- Operates from a ringing analog line or a contact closure
- 90 dB at 1 meter, 105 dB with optional **25AE** (not included)
- Available ringing sounds: Warble, Double Gong, Quadruple Chime, Electronic Bell
- Power supply included

Model	DOD
SR-1	477

SIP Loud Ringer with LED

- Automatic Gain Control (AGC)
- SIP compliant
- PoE powered (class 2, < 6.5 Watts)
- Relay output to trigger **SL-2** Strobe Light or **LPL-1** Visual Indicator (not included)
- Remote volume control from PC
- LED flashes for visual ring indication

Model	DOD
SR-IP	577

Self-Amplified Paging System

The **SA-25** Self-Amplified Paging control unit interfaces with a telecom or IP phone system with a paging port, an analog FXS, or FXO port. The system can provide background music from an external source and generate loud or night ringing from a ringing analog station or contact closure. The **SA-25** is backwards compatible with the older Legacy Valcom® and Bogen® 4-wire self-amplified speakers.

Model	DOD
SA-25	520

The **SA-25** can drive a combination of up to 25 self-amplified Viking 2-wire and/or older Legacy 4-wire self-amplified speakers. One **SA-1R** remote and power supply included.

Self-Amplified Accessories

SA-IR Infrared Remote

SA-X12 Paging Adapter

SA-1S Remote Controlled Speaker

Model	Description	DOD
SA-IR	Remote	527
SA-1S	Speaker	525
SA-1H	Paging Horn	526
SA-X12	Paging Adapter	529

SA-1H Remote Controlled Paging Horn

Master Clock / Networked Clock Controlled Tone Generator

- Accurate time base synchronizes periodically with your network or internet time
- Can also be used as a Master Clock to synchronize Viking **CL Series** clocks
- Automatic daylight savings time and leap year correction

Features:

- Up to 14 schedules and up to 1000 events
- 6 minutes of CD quality WAV file record time
- Pre-loaded with common school, business and factory alert tones or program with your own messages / tones over your network

- 4 inputs for triggering emergency fire evacuation, severe weather, lock down and all clear alert tones or messages
- RS-485 output for communicating time sync data when used with Viking **CL Series** wireless analog and digital clocks (below)

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. The **CTG-2A** can also be used as a master clock to automatically synchronize Viking **CL Series** clocks. The **CTG-2A** comes with programming software and an Ethernet port to allow PC programming of timed events, schedules, network or internet time synchronization, wave file transfer, message volume, daylight savings time, leap year, auxiliary relay control, etc. Power supply included.

Model	DOD
CTG-2A	464

Wireless Synchronized Clocks and Accessories

All clocks have built-in ¼ Watt repeaters capable of retransmitting the clock sync signal up to 500 ft in open space

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. The system is comprised of a **CTG-2A** master clock, a **CL-RFT** clock RF transmitter, and Analog or Digital wireless clocks. The clocks will always display the correct time via updates from the **CTG-2A**.

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".

Digital Clocks

Wireless bright digital clocks require 120V AC 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 **CL-DMD2** or **CL-DMD4**.

Analog Clocks

Wireless analog clocks are battery operated and require no wiring. Battery life using two D size Duracell Procell batteries 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 left with optional double mount bracket **CL-DMA12** or **CL-DMA16**.

Wire Guards

Protect your 12" or 16" analog clock with a sturdy wire guard, model **CL-WGA16**.

Protect your digital clocks with model **CL-WGD4**.

Model	Description	DOD
CTG-2A	Master Clock	464
CL-A12	12" Analog Clock	466
CL-A16	16" Analog Clock	466
CL-D2	2.5" Digital Clock	466
CL-D4	4" Digital Clock	466
CL-DMA12	12" Double Mount (Analog)	466
CL-DMA16	16" Double Mount (Analog)	466
CL-DMD2	2.5" Double Mount (Digital)	466
CL-DMD4	4" Double Mount (Digital)	466
CL-RFT	RF Transmitter / Repeater	466
CL-SMD2	2.5" Surface Mount (Digital)	466
CL-SMD4	4" Surface Mount (Digital)	466
CL-WGA16	16" Wire Guard (Analog)	466
CL-WGD4	4" Wire Guard (Digital)	466

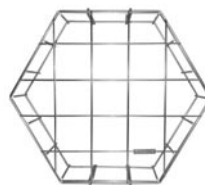**CAUTION: CL Series clocks cannot be used as stand alone clocks. They must be used in conjuction with a CTG-2 or CTG-2A master clock and one or more CL-RFT transmitters.**

Loop Detector Board

The **LDB-1** provides a contact closure when used in series with telecom devices on an analog phone line. Analog PABX, CO line or FXS port powered. Optional **PS-2** power supply for switched power (sold separately).

Model	DOD
LDB-1	406

Line Powered Ringer

This auxiliary electronic ringer operates on any analog line that provides a minimum of 40 Volts 20-30 Hz AC ring voltage. Nominal 3 KHz warble provides up to 92 dB SPL @ 1 meter. The **LPR-1** can be connected via screw terminals or modular RJ-11 jack. A volume control and a 7 foot modular cord are provided. No power supply is required.

Model	DOD
LPR-1	550

Loop and/or Ring Detector

The **LDB-2** Ring / Loop Detector monitors an analog phone line for ringing and/or in use condition. Two sets of relay contacts are activated when these conditions are detected. When monitoring for ring, the relay can be adjusted to stay on steady or follow a ring cadence. A 12 Volt output is provided. Power supply included.

Model	DOD
LDB-2	408

Panasonic® Doorphone Station Adapter

The **PAN-1A** allows a Viking speaker phone (**E-10A, E-20B, E-30, E-35, E-40, E-50, E-60, E-65, E-70, E-75,** etc. pages 43 & 45) to be connected in place of Panasonic® KX-T30865 or KX-T7775. Power supply included.

Model	DOD
PAN-1A	147

Advanced Loop and/or Ring Detector

The **LDB-3** monitors an analog phone line, PABX or FXS line and provides a normally open or normally closed contact during ringing, off hook, or both. The unit can also provide a 12V DC 350 mA output for strobe lights.

The **LDB-3** can follow the ring cadence or stay on steady during ring. It can be set up not to activate from "Info" button on two-button phones, ie: Viking model **E-1600-20A** (page 10). Power supply included.
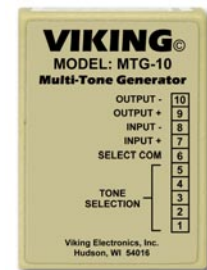
Model	DOD
LDB-3	409

Multi-Tone Generator

The **MTG-10** can be connected to a paging source, phone system's paging port or background music. When a contact closure is provided to one of the inputs, the paging or background music is faded out and the appropriate tone is generated over the paging system. The siren and the evacuation whoop have priority and override any other tone.

The **MTG-10** can be configured to provide a tone every 15 seconds to notify callers that the call is being recorded. Power supply included.

Model	DOD
MTG-10	482

Time Delay Relay

The **TDR-1** can be programmed to produce one of 8 closure times from 0.5 to 20 seconds. It can also be set up as a delay on operate relay. The **TDR-1** accepts positive or negative-going logic level voltage or a contact closure.

Features selectable time delay and LED status indicator. Power supply included.
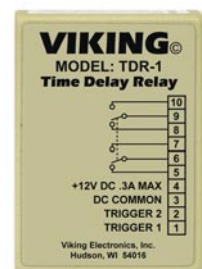
Model	DOD
TDR-1	421

CPC Disconnect

The **CPC-1** and **CPC-4** provide a momentary (1 second) break in the line current to signal telephone equipment the calling party has hung up. They generate the disconnect signal after detecting busy, fast busy, return to dial tone, or silence. Available in 1 line (**CPC-1**) and 4 line (**CPC-4**) models. Phone line powered.
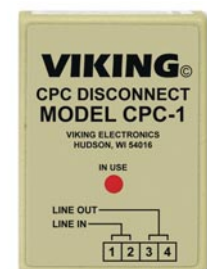
Model	Description	DOD
CPC-1	1 Line	442
CPC-4	4 Line	444

Automated Call Attendant

The **ACA-1A** is a single-port Automated Attendant with a user recordable digital voice announcer.

Provides a professional solution for increasing call handling capacity without adding costly staff.

The ACA-1A answers promptly and courteously and allows callers to route themselves, with a touch tone phone, to an extension or department.

One minute of non-volatile digital memory is available to provide a greeting and a menu of up to 10 departments or extensions.

Model	DOD
ACA-1A	005

Door Bell Panels

The **DB40** Door Bell Button Panels permit the user to install a simple door bell button

• Fits any standard single gang box
• Panels made from durable plastic
• Weather resistant gasket included
• Screw terminals for easy wiring
• Available in dark brown or off-white

DB40-BN   **DB40-WH**

Model	DOD
DB40-BN	189
DB40-WH	189

• Use with the Viking model **VE-3x5** enclosure for surface mounting, sold separately (page 33)

Handset Dialer

• Connects in series with handset / headsets or interface directly to tip & ring with optional adapter kit (sold separately)
• Provide DTMF signaling across a dry pair of wires
• Compatible with console phone aux handset jacks
• "Battery OK" LED
• Powered by 9V battery (included) or optional **PS-1A** adapter (sold separately)

Model	DOD
HD-1	405

Speaker Volume Control

• Adjust the volume of individual paging horns, ceiling or wall speakers
• Compatible with Viking one-way 8 Ohm and/or 16 Ohm speakers
• Mounts in standard single gang electrical box
• Not recommended for two-way (talk-back) paging applications

Model	DOD
SV-5W	488

Toggle Switch

The **NS-1** is a simple on/off toggle switch mounted in a convenient plastic case. The **NS-1** can be used with Viking products that have a "Night Switch" input or any product that requires an external switch closure. The **NS-1** is easy to install almost anywhere: in a phone closet or at a front desk.

Model	DOD
NS-1	540

The **NS-1** has 24" wires and comes with two quick connectors.

Privacy Devices

Viking's Teleguard products protect the device that accesses the telephone line first by denying other Teleguard equipped devices access to the line until the call in progress has been terminated.

TG-1   **PC-7**   **PJ-14**   **TG-2**

Model	Description	DOD
PC-7	Privacy Cord	560
PJ-14	Two Line Device	560
TG-1	For Punch Down Block	560
TG-2	Modular Device	560

We make it easy...

Replaceable parts for our products can be purchased securely through our online Spare Parts Store: **https://store.vikingelectronics.com/**

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Give us a call:

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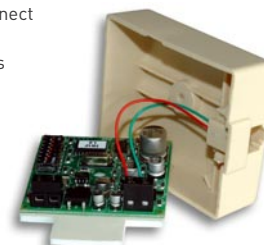
SCAN TO VISIT THE SPARE PARTS STORE »

Telephone Line Toll Restrictor

• 0.5 to 49.5 minute call timer with disconnect
• 6-digit bypass code
• Allows emergency and toll free numbers
• Programmable to ignore phone system line access numbers
• Programmable allow or restrict table stores up to (40) 12-digit phone numbers, prefixes or area codes

Model	DOD
TR-1	705

Amplified Remote Access Device

The **RAD-AMP** extends the usefulness of your phone system to remote employees, as well as providing call forwarding to remote employees or locations.

As a Telecommuting Extender, the **RAD-AMP** gives remote workers access to most PABX/KSU features from their home or cell phone.

As a Line Extender, the **RAD-AMP** provides authorized users remote access to PABX, Centrex or Electronic Key system features.

As a Call Diverter, the **RAD-AMP** provides call forwarding from one location to another.

Model	DOD
RAD-AMP	415

Service Observation Unit

Monitor, train, motivate, even assist your personnel or customer service staff without disrupting the activity at their work station. Each **SO-24A** Service Observation unit lets you access 24 stations or phone lines from any supervisory phone.

• Built-in "Talk Assist" feature
• Automatic gain control equalizes in and outbound conversation levels
• Call progress tones for supervisor

Model	DOD
SO-24A	690
SO-24 AK	819

• Can be configured for digital phones by using a **SO-24 AK** Digital Adapter Kit, sold separately

Line Status Display

• Visual status for analog lines or stations (idle, in-use, ringing)
• Compatible with Viking's **LC-6** Line Concentrator, see page 13
• Displays require only one pair of wires
• Adjustable audio volume

Model	DOD
LM-24D	670

Dialer Network

Convert any standard carbon mic handset phone into a single number hot-line phone.

The **K-1900-6** Hot-Line Dialer Network can be used with any carbon microphone handset and a SPDT hook switch or typical 500, 554, 2500 and 2554 phones.

Model	DOD
K-1900-6	360

An electronic ringer may be used if inbound call capability is required.

Talk Battery and Ringing Power Supply

The **PS-48-RGA** power supply provides talk battery plus standard ring voltage where and when needed. The **PS-48-RGA** will provide telephone communication equipment with 48V DC talk battery, and will also produce 90V 20 Hz sine wave ring voltage rated up to 10 REN.

Model	DOD
PS-48-RGA	515

Telecom Recorder Kit

The **PTR-1** is designed to work with standard digital or tape recorders with built-in VOX and AGC circuits. The **PTR-1** allows you to record:

• All conversations on a particular phone line
• Only conversations on your particular analog or digital telephone set
• Only selected conversations

Model	DOD
PTR-1	438

Stay Connected!

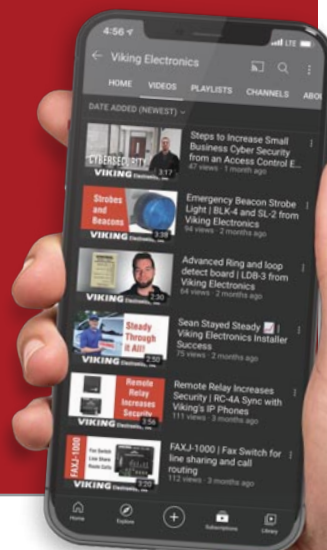Keep up with Viking news, sign up for our newsletter »

Visit our YouTube channel for:

>> Product info
>> Programming help
>> Tech knowledge
>> Industry trends

CHECK IT OUT »

DESIGNED MANUFACTURED & SUPPORTED USA

Digital Voice Announcer with 7.5 Minutes of Record Time

- 2 Watt amplifier for use with paging speakers and horns
- AGC for recording from handset, tape, CD, PC soundcard, etc.
- 4 professional on-hold messages included
- Recording can be on-site or in a professional studio
- Power supply included

The **DVA-2WA** is a digital announcer/recorder with a built in 2 Watt amplifier. Designed to provide music and promotion on hold, the **DVA-2WA** can playback in a continuous loop or alternate between promotions and an auxiliary music source at 2 second to 30 minute intervals. Any number of multiple messages may be recorded.

The output of the **DVA-2WA** may also be connected directly to loudspeakers for repeated messages or played at the push of a button for museum displays, information booths, point of interest locations, retail applications, etc.

Customer Favorite Applications:

Play **BRAHMS LULLABY** over a paging system to announce a new birth! For more information, see DOD 865.

Make **PUBLIC SAFETY or SOCIAL DISTANCING** announcements over paging systems. For more information, see DOD 951.

Applications
- On-Hold Promotion Messages and Background Music
- Message Repeater for: Airports, Museums, Moving Sidewalks, Information Displays, Car Rental, Amusement Parks, etc.

Model	DOD
DVA-2WA	110

Automated Receptionist

The **AR-1** is a digital call screening and messaging system designed to answer calls with a greeting, then let callers ring through to talk to someone live, select from pre-recorded messages or hang up.

Programming functions and message recording can be done locally or remotely. Record from tape, CD, PC, etc. or via audio input.

The **AR-1** has up to 12 minutes of record time and up to 8 different messages can be recorded. The unit also offers distinctive/custom ring patterns.
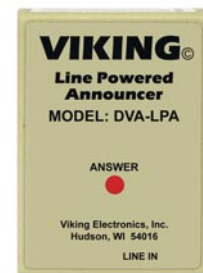
Model	DOD
AR-1	105

Phone Line Powered Announcer

The **DVA-LPA** is an digital voice announcer specifically designed for applications requiring simple ring trip announcements.

The **DVA-LPA** can be used in any application that requires an inexpensive announcer to play a single message.

The **DVA-LPA** will answer the incoming call, play a pre-recorded message and then disconnect. The message can be programmed to repeat up to 99 times.

Model	DOD
DVA-LPA	128

The announcer provides up to 16 seconds of high quality record time.

Professional Digital Voice Announcer / Recorders

Applications Include: ACD, UCD, Intercept, Hotel / Motel Wake Up, Night Answer, Ski Resorts, Movie Theaters, Work Schedules, School Closings, Out of Service, etc.

Model DVA-500A
- Single 1 minute channel
- Ring trip or 4 wire E&M
- Local or remote recording
- Power supply included

Model DVA-1003B
- 3 independent 1 minute channels
- Ring trip or 4 wire E&M
- Local or remote recording
- Announcer cycles automatically, adjusts to message length
- Power supply included

Model DVA-3003
- 3 independent 1-4 minute channels
- Or a single 12 minute channel with optional **ERAM-60** expansion chips (DOD 813)
- Record and review announcements locally and remotely
- Messages stored in non-volatile memory
- Programmable ring delay for each channel
- Ring trip or 4 wire E&M
- Local or remote recording
- Power supply included

Model	Description	DOD
DVA-500A	Digital Announcer (1 minute)	115
DVA-1003B	3-Channel Digital Announcer (1 minute per channel)	125
DVA-3003	3-Channel Digital Announcer (1-4 minutes per channel)	127
ERAM-60	1 Minute Memory Expansion Chip for DVA-3003	813

Two-Way Ringdown Circuit

- Select standard or distinctive ringing
- Precise dial tone
- 32V talk battery
- 20 Hz / 2 REN ring output
- 0.15 or 2 second CPC
- Prison phone mode

The **DLE-200B** Line Simulator produces two-way communication between standard telecom products such as key systems, PABXs, fax machines, modems, and standard single line phones without phone lines. Power supply included.

Model	DOD
DLE-200B	605

Applications
- Dedicated point-to-point communication
- Demonstrate and program equipment
- Prison phones
- Inter-system communication

Advanced Ringdown Circuit

- 911 mode for classroom training
- Provides name and number caller ID
- Touch tone detection or standard Ringdown
- Precise dial tone, ringback, busy, reorder, and S.I.T. tones
- Audio jack for amplified speaker or loading voice mail systems

The **DLE-300** simulates loop start phone lines and allows two-way communication between telecom devices or systems. It provides standard or distinctive ringing (6 REN) and 40 Volts talk battery. Power supply included.

Model	DOD
DLE-300	607

Maximum loop length per port:
6,864 feet using 24 gauge twisted pair

4 Port Automatic Call Routing Switch

The **FAXJ-1000** is a versatile phone/data/fax switch with the ability to automatically route calls via fax CNG tone, central office distinctive ring, or touch tones included in the dial string by the calling party. In addition, the **FAXJ-1000** offers full manual transfer capabilities.

- Routes calls via CNG tone, distinctive ringing, or touch tones sent by calling device or manually
- Allows any four analog devices to share a single line
- Ports are balanced to prevent noise on long runs
- Caller ID information is stored and retransmitted during transfer
- Provides realistic ring-back tones while re-ringing selected device
- Compatible with high speed modems
- Power supply included
- Automatic "privacy" eliminates interruptions on both in and outbound calls
- Monitors for calling party control (CPC)

Model	DOD
FAXJ-1000	261

Applications
- **Fax Machines:** Retail, Commercial, Industrial, Government, Home Office
- **Modem Terminals:** Computers, Vending Machines, Remote Access Applications
- **Point-of-Sale Terminals:** Fast Food Chains, Retail Stores, Convenience Stores

Power Fail Bypass Unit

Continue to receive your calls, even if the phone system is down. The **PF-6A** bypass unit connects 6 standard single line station phones directly to the CO lines. When the system is restored, calls in process will not be interrupted.

The **PF-6A** bypass unit will reconnect the phones to their station circuit only after they become idle. Power supply included. Model **PF-6A** operates when power is lost or on an alarm contact closure.

Model	DOD
PF-6A	680

- Prevents busy signals or unanswered calls during power and system failures
- Loop or ground start
- Automatic ground start converter for outbound calls

Ground to Loop Start Converter

Model **GLS-12** is designed to allow up to 12 standard telephone sets, multi-line key systems and other loop start equipment to be connected to 2 wire ground start CO trunk lines. The **GLS-12** provides the CO with the signaling required to draw dial tone when the loop start equipment goes off hook. Incoming calls ring directly to the loop start devices.

- 12 circuit automatic ground start to loop start equipment converter
- Stackable to increase capacity

Model	DOD
GLS-12	570

- Easy, straight forward installation via an RJ-21X 25 pair connector
- No power supply required

Blue Strobe / Beacon Kit

- High intensity long life LED technology
- 4 programmable flash patterns
- 6 programmable brightness settings
- Monitors analog lines for ringing and/or off hook or activate with a contact closure
- Program strobe to flash steady or follow ring cadence
- Use with Viking emergency phones (pages 8-12) or any analog phone

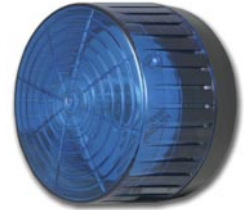| Replacement Lens Available in 5 Colors:	Blue Amber Red Green Clear
Visit the online **SPARE PARTS STORE**, see page 4 for info.	

Model	Description	DOD
BLK-4	Standard model, for indoor use	654
BLK-4-EWP	Includes Enhanced Weather Protection	654

Blue Strobe Light

- High intensity long life LED technology
- 4 programmable flash patterns
- Requires 12V DC Power
- 6 programmable brightness settings

Applications
- Noisy areas where visual status is required
- Signal personnel of equipment malfunctions
- Warn personnel they are entering a restricted area

Replacement Lens Available in 5 Colors:	Blue Amber Red Green Clear
Visit the online **SPARE PARTS STORE**, see page 4 for info.	

Model	Description	DOD
SL-2	Standard model, for indoor use	242
SL-2-EWP	Includes Enhanced Weather Protection	242

911 Strobe Controller

- Activates on 911, 9-911, and 8-911 calls and 555 (test) or programmable number
- Bright flashing 0.75" LED visible over 100ft
- Trigger a doorstrike to enable quick and easy EMS access to your home
- Resets by contact closure or touch tones
- Provides 12VDC and relay contacts to operate an external strobe or visual indicator
- Power supply included

Model	DOD
SC-911	236

Applications:
- Nursing Homes
- Office Buildings
- Schools
- Housing Complexes
- Assisted Living

Phone Status Indicator

Bright 0.75" LED visible over 100 feet, power supply included

Analog Phones: Flashing LED indicates "Ringing", steady LED indicates "On the Phone" and stutter flash indicates "Message Waiting" stutter dial tone is detected. Will also follow the cadence of 90 to 125V message waiting voltage.

Electronic Phones: Flashing LED eliminates guessing whose phone is ringing. Connect to electronic phone's speaker.

Headsets: Flashing LED ends interruptions by indicating that you are "On the Phone". Special T adapter provided.

Model	DOD
VR-1B	697

Ideal for: Telemarketing, Offices, Customer Service, Message Waiting, Cubicles, Technical Support, etc.

Line Powered Indication

The model **LPL-1** connects to any standard analog phone line to indicate "Ring" (visual flashing), "On the Phone" (steady on) or "Message Waiting" (fast flash) indication*.

The large flashing LED can be seen up to 100 feet away. When used with a headset on an analog phone, you can end interruptions when associates don't realize you are on the phone. Phone line powered.

* When installed on phone systems with standard 90VDC message waiting voltage.

Model	DOD
LPL-1	640

Note: Will not detect stutter dial tone (use model **VR-1B** above).

Message Waiting Light Retrofit Kit

- Operates on standard 80-150V DC message waiting voltage
- Fully modular for quick plug-in installation
- Blinks on message waiting or ringing
- LED visible for 50 feet
- Compatible with nearly any telephone system
- Use as a ring indicator in office settings

Model	DOD
LM-1A	662

Note: Will not detect stutter dial tone (use model **VR-1B** above).

Ring Shape Conditioner and Power Booster

Viking's Ring Boosters are designed to reshape and increase the ringing power of an existing analog line, PABX extension, FXS port, IP phone system analog port or any other telecom device which provides ringing. The units duplicate the incoming ring cadence, allowing compatibility with custom ringing features.

Each line is capable of ringing four 1 REN or eight 0.5 REN telephones and does not affect normal operation of the telephone line or features, such as distinctive ring, caller ID, call waiting, hookswitch flash features, CPC signaling, etc. Viking offers four sizes to fit many different applications.

- True Sine wave ring signal output
- Boosts ring to 4 REN per line
- Caller ID compatible
- Will not affect normal line operation
- Reshapes troublesome square wave ringing
- Model **RG-224** connects directly to CISCO® VG224

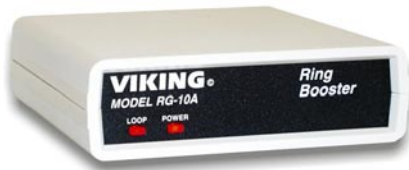| Model	Description	DOD
RG-4	1 Line - Wall Mount	416
RG-204	4 Lines - Wall Mount	417
RG-212	12 Lines - Rack Mount	419
RG-224	24 Lines - Rack Mount	418

RG-4

RG-204

RG-212

RG-224

Ring Booster

- Boosts ring power to 12 REN
- Ring up to 12 additional phones
- Caller ID compatible
- Easy modular installation
- Compatible with distinctive ringing services

- Will not affect normal line operation
- Reshapes troublesome square wave ringing
- Capable of boosting talk battery and loop current

Model	DOD
RG-10A	420

Talk Battery Booster

The **TBB-1B** will boost talk battery and loop current on a single analog PABX station, CO line or VoIP ATA FXS port.

This is helpful for powering line powered devices, such as dialers and emergency phones on low voltage and/or loop current extensions and X-10 wireless phone jacks.

- Screw terminal connections for easy installation
- Boost loop current to 26mA

Model	DOD
TBB-1B	632

- Boost talk battery to 48V
- Power supply included

Long Loop Adapters

Viking's Long Loop Adapters extend analog station loop length to 30,000 feet. The **LLA-1** and **LLA-4** provide long line and off premise extension (OPX) capabilities for PABX and KSU analog stations, ISDN terminal adapters, channel banks, etc. The units are compatible with pulse dialing, touch tone dialing, hook switch flash features, CPC signaling, and Caller ID features. A ground screw terminal allows for improved surge protection and connection to an earth ground reference for the regenerated line.

- Convert an analog KSU/PABX station to a standard voltage OPX
- Provides 48 VDC talk battery
- Provides 20 Hz, 10 REN sine wave ringing
- Electrically isolates PABX station from extended loop

Model	Description	DOD
LLA-1	1 Line	615
LLA-4	4 Lines	620

LLA-1 (Replacement for Proctor® model 46222)

LLA-4 (Replacement for Proctor® model 46224)

VE-5x5 Series
Surface Mount Boxes

VE-5x5   VE-5x5-RD   VE-5x5-SS   VE-5x5-WH   VE-5x5-YL

VE-5x5-NR   VE-5x5-NR-RD   VE-5x5-NR-SS   VE-5x5-NR-WH   VE-5x5-NR-YL

The **VE-5x5** series of surface mount boxes add vandal and weather resistance to many of Viking's 5" x 5" flush mount entry phones and emergency phones.
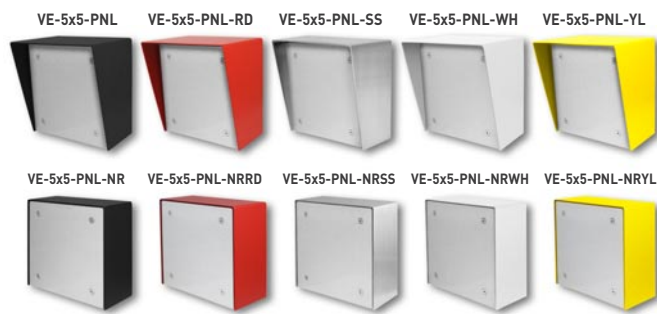
• Surface mount to a wall, post, single or double gang electrical box

• Finishes: Heavy duty 16 gauge steel with black, red, white or yellow powder coating or brushed stainless steel

• Compatible with any of Viking's **VE-GNP Series** gooseneck pedestals (see page 33)

Model	Finish	Description	DOD
VE-5x5	Black	1.0" Rain Guard	424
VE-5x5-RD	Red	1.0" Rain Guard	424
VE-5x5-SS	Stainless	1.0" Rain Guard	424
VE-5x5-WH	White	1.0" Rain Guard	424
VE-5x5-YL	Yellow	1.0" Rain Guard	424
VE-5x5-NR	Black	No Rain Guard	424
VE-5x5-NR-RD	Red	No Rain Guard	424
VE-5x5-NR-SS	Stainless	No Rain Guard	424
VE-5x5-NR-WH	White	No Rain Guard	424
VE-5x5-NR-YL	Yellow	No Rain Guard	424

VE-5x5-PNL Series
Blank Panel Boxes

VE-5x5-PNL   VE-5x5-PNL-RD   VE-5x5-PNL-SS   VE-5x5-PNL-WH   VE-5x5-PNL-YL

VE-5x5-PNL-NR   VE-5x5-PNL-NRRD   VE-5x5-PNL-NRSS   VE-5x5-PNL-NRWH   VE-5x5-PNL-NRYL

The **VE-5x5-PNL Series** is designed to surface mount a custom switch, keypad, or card reader.

The blank front panel is made from aluminum, making it easy to drill, cut or form. The panel is straight lined and coated with a tough clear powder

coating to resist corrosion. Four screws and a gasket are included for easy installation.

The **VE-5x5-PNL Series** can be used with any of Viking's **VE-GNP Series** gooseneck pedestals (see page 33 for more info).

Model	Finish	Description	DOD
VE-5x5-PNL	Black	1.0" Rain Guard	424
VE-5x5-PNL-RD	Red	1.0" Rain Guard	424
VE-5x5-PNL-SS	Stainless	1.0" Rain Guard	424
VE-5x5-PNL-WH	White	1.0" Rain Guard	424
VE-5x5-PNL-YL	Yellow	1.0" Rain Guard	424
VE-5x5-PNL-NR	Black	No Rain Guard	424
VE-5x5-PNL-NRRD	Red	No Rain Guard	424
VE-5x5-PNL-NRSS	Stainless	No Rain Guard	424
VE-5x5-PNL-NRWH	White	No Rain Guard	424
VE-5x5-PNL-NRYL	Yellow	No Rain Guard	424

VE-6x7 Series
Surface Mount Boxes

VE-6x7   VE-6x7-NR

VE-6x7-SS   VE-6x7-NR-SS

The **VE-6x7** series of surface mount boxes add vandal and weather resistance to Viking's **K-1700 Series** analog entry phones and **K-1700-IP Series** VoIP entry phones (page 37).

• Finishes: Heavy duty 16 gauge steel with black powder coating or brushed stainless steel

• Surface mount to a wall, post, single or double gang electrical box

• Compatible with Viking's **VE-GNP** gooseneck pedestals (page 33)
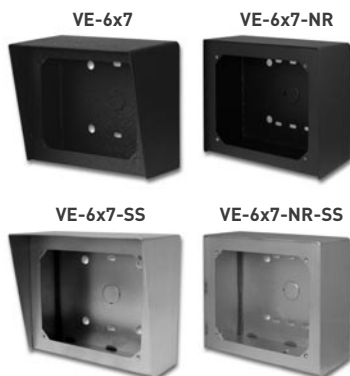
Model	Finish	Description	DOD
VE-6x7	Black	1.0" Rain Guard	424
VE-6x7-SS	Stainless	1.0" Rain Guard	424
VE-6x7-NR	Black	No Rain Guard	424
VE-6x7-NR-SS	Stainless	No Rain Guard	424

VE-6x7-PNL Series
Blank Panel Boxes

VE-6x7-PNL   VE-6x7-PNL-NR

VE-6x7-PNL-SS   VE-6x7-PNL-NRSS

The **VE-6x7-PNL Series** is designed to surface mount a custom switch, keypad, or card reader.

The blank front panel is made from aluminum, making it easy to drill, cut or form. The panel is straight lined and coated with a tough clear powder coating to resist corrosion. Four screws and a gasket are included for easy installation.

The **VE-6x7-PNL Series** is compatible with any of Viking's **VE-GNP Series** gooseneck pedestals (see page 33).
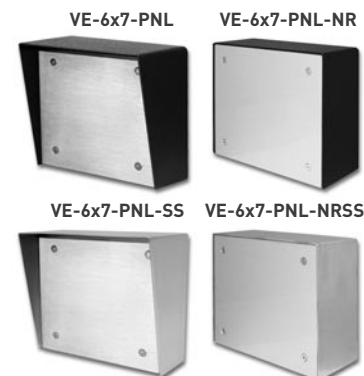
Model	Finish	Description	DOD
VE-6x7-PNL	Black	1.0" Rain Guard	424
VE-6x7-PNL-SS	Stainless	1.0" Rain Guard	424
VE-6x7-PNL-NR	Black	No Rain Guard	424
VE-6x7-PNL-NRSS	Stainless	No Rain Guard	424

VE-5x10 Series Surface Mount Boxes

The **VE-5x10 Series** of surface mount boxes add vandal and weather resistance to any of Viking's 5" x 10" flush mount analog or IP phones.

- Finishes: Heavy duty 16 gauge steel that is primer powder coated then top coated with textured black or available in brushed 316 marine grade stainless steel

- Surface mount to a wall, post, single or double gang electrical box

- Compatible with any of Viking's **VE-GNP Series** gooseneck pedestals (see below for more information)

VE-5x10   VE-5x10-NR

VE-5x10-SS   VE-5x10-NR-SS

Model	Finish	Description	DOD
VE-5x10	Black	1.0" Rain Guard	424
VE-5x10-SS	Stainless	1.0" Rain Guard	424
VE-5x10-NR	Black	No Rain Guard	424
VE-5x10-NR-SS	Stainless	No Rain Guard	424

VE-5x10-PNL Series Blank Panel Boxes

The **VE-5x10-PNL Series** is designed to surface mount a custom switch, keypad, or card reader.

The blank front panel is made from aluminum, making it easy to drill, cut or form. The panel is straight lined and coated with a tough clear powder coating to resist corrosion. Four screws and a gasket are included for easy installation.

The **VE-5x10-PNL Series** is compatible with any of Viking's **VE-GNP Series** gooseneck pedestals (see below for more information).

VE-5x10-PNL   VE-5x10-PNL-NR

VE-5x10-PNL-SS   VE-5x10-PNLNRSS

Model	Finish	Description	DOD
VE-5x10-PNL	Black	1.0" Rain Guard	424
VE-5x10-PNL-SS	Stainless	1.0" Rain Guard	424
VE-5x10-PNL-NR	Black	No Rain Guard	424
VE-5x10-PNLNRSS	Stainless	No Rain Guard	424

VE-3x5 Surface Mount Box

The **VE-3x5** surface mount box adds versatility to Viking's **E-40** or **E-50 Series** Entry Phones (page 45).
- 16 gauge CRS
- UV stable black fine texture powder paint
- Surface mount to a wall, post, or single gang electrical box

Model	DOD
VE-3x5	424

Accessories

VE-LIGHT
Add bright LED illumination to any doorbox or entry phone that is housed in a Viking surface mount box with a rain guard.

VE-RMB
Attaches to the plastic junction box supplied with some Viking doorboxes and entry phones. It provides a means of mounting even when no wall stud or support beam is accessible.

Model	Description	DOD
VE-LIGHT	LED Kit	428
VE-RMB	Retrofit Kit	431

Gooseneck Pedestals

The gooseneck pedestals are designed to be used with select Viking surface mount boxes. Ideal for drive up communications, the gooseneck pedestals are constructed of heavy duty black powder painted steel or stainless steel.

Pad mount to a floor or concrete with 4 available bolt holes or use the **VE-GNP-IG** to mount in-ground or in wet cement.

VE-GNP-IG
Black Finish In-Ground

VE-GNP-2
Black Finish Dual Height Pad Mount

VE-GNP
Black Finish Pad Mount

VE-GNP-SS
Stainless Steel Pad Mount

Model	Height	DOD
VE-GNP	42"	424
VE-GNP-SS	42"	424
VE-GNP-IG	64"	424
VE-GNP-2	42"/72"	424

E-1600A-MK-GNP

Mounting kit for attaching the **E-1600A** and **E-1600-IP** Emergency Phones to a Viking gooseneck pedestal.

Model	DOD
E-1600A-MK-GNP	227

Enclosures for Installing Products Outdoors

Added Protection for Viking Emergency Phones, Entry Phones, Doorboxes or other devices

The **VE-9x12** and **VE-9x20** provide the ultimate in weather protection for your Viking product or other telecom devices.

These enclosures are constructed of cast aluminum and are made for years of outdoor service. The heavy-duty aluminum doors are labeled "TELEPHONE" and have a gasket seal to keep out even the harshest weather. The **VE-9x12** allows you to choose from two panels that allow mounting many different Viking products.

Both the **VE-9x12** and **VE-9x20** are available in three high visibility colors: emergency red with silver lettering, safety yellow with red lettering, or black with silver lettering.

VE-9x20Y　**VE-9x20R**　**VE-9x20B**

VE-9x12Y　**VE-9x12R**　**VE-9x12B**

Applications Include:
- Parking Lots
- Playgrounds
- Campuses
- Maintenance Areas
- Swimming Pools
- Roadside Help Areas
- Hospitals
- Building Exteriors
- Fueling Stations

Model	Description	DOD
VE-9x12B-0	Black 9"x12" Outdoor Enclosure with No Adapter Panel	413
VE-9x12B-1	Black 9"x12" Outdoor Enclosure with Adapter Panel 1	413
VE-9x12B-2	Black 9"x12" Outdoor Enclosure with Adapter Panel 2	413
VE-9x12R-0	Red 9"x12" Outdoor Enclosure with No Adapter Panel	413
VE-9x12R-1	Red 9"x12" Outdoor Enclosure with Adapter Panel 1	413
VE-9x12R-2	Red 9"x12" Outdoor Enclosure with Adapter Panel 2	413
VE-9x12Y-0	Yellow 9"x12" Outdoor Enclosure with No Adapter Panel	413
VE-9x12Y-1	Yellow 9"x12" Outdoor Enclosure with Adapter Panel 1	413
VE-9x12Y-2	Yellow 9"x12" Outdoor Enclosure with Adapter Panel 2	413
VE-9x20B	Black 9"x20" Outdoor Enclosure with Standard Adapter Panel	413
VE-9x20B-0	Black 9"x20" Outdoor Enclosure with No Adapter Panel	413
VE-9x20R	Red 9"x20" Outdoor Enclosure with Standard Adapter Panel	413
VE-9x20R-0	Red 9"x20" Outdoor Enclosure with No Adapter Panel	413
VE-9x20Y	Yellow 9"x20" Outdoor Enclosure with Standard Adapter Panel	413
VE-9x20Y-0	Yellow 9"x20" Outdoor Enclosure with No Adapter Panel	413

VE-9x20Y-0

The **VE-9x12-0** and **VE-9x20-0** (right) are enclosures without an adapter panel, ideal for mounting non-Viking products.

These enclosures are available in all three colors and include a separate "Telephone" label.

VE-9x12R-0

Enclosure Accessories

VE-PBL: Push button lock and key set for any **VE-9x12** or **VE-9x20** enclosure.

VE-SPG: Hinge door return spring for use with the **VE-9x12** and **VE-9x20**. Please note - the **VE-9x20** includes a **VE-SPG**.

VE-9x12MK-1: Internal adapter panel 1 for the **VE-9x12**.

VE-9x12MK-2: Internal adapter panel 2 for the **VE-9x12**.

VE-9x20MK: Internal adapter panel for the **VE-9x20**.

Model	Description	DOD
VE-PBL	Push Button Lock	413
VE-SPG	Door Return Spring	413
VE-9x12MK-1	VE-9x12 Adapter Panel 1	413
VE-9x12MK-2	VE-9x12 Adapter Panel 2	413
VE-9x20MK	VE-9x20 Standard Adapter Panel	413

VE-9x12MK-1
Internal adapter panel 1 for VE-9x12

VE-9x12MK-2
Internal adapter panel 2 for VE-9x12

VE-PBL
Push button lock and key set

VE-SPG
Hinge door return spring

VE-9x20MK
Internal adapter panel for VE-9x20

Door Entry and Camera Controller

The **C-1000B** allows single line phones or phone systems to share a phone line with one or two Viking **W-Series** doorboxes. The **C-1000B** provides two touch tone controlled relays to operate door strikes or gate openers and provides doorbox triggered CCTV camera switching. Viking doorboxes can be used on single line residential or home office applications as well as on fully loaded systems, when used with a **C-1000B**.

- Allows two Viking **W-Series** doorboxes to share a single telephone line with a residential or business telephone system
- Custom ringing mode to distinguish doorbox calls from CO calls
- Provides (2) touch tone controlled SPDT relay contacts (5 Amp rating) for door strikes or gate openers
- Calls can be placed on hold when visitors call from the doorbox

- Doorbox triggered CCTV camera switching
- Call waiting tones indicate which doorbox is calling and distinguish a doorbox call from a CO line call
- Built-in talk battery for "No CO Line" applications
- Compatible with Viking's Single Line Paging Controllers, model **SLP-1** or **SLP-4** (page 23)
- Keyless entry/postal lock input
- Auxiliary contact output for doorbell, light, etc.

Model	DOD
C-1000B	168

Compatible with one or two of these Viking doorbox models (see below):

W-1000	W-3000
W-1000-EWP	W-3000-EWP
W-2000A	W-3005
W-2000A-EWP	W-3005-EWP

Analog Handsfree Doorboxes

Viking's handsfree doorboxes are available in four different chassis configurations and are designed to interface directly with an unused trunk input/FXO port of a phone system. One or two doorboxes can also share an existing phone line when used with a **C-1000B** doorbox controller. When the "Call" button is pressed, the doorbox generates a standard or custom ring cadence.

Answer Your Door or Gate from Any Phone in Your Home or Business
- Connect to a phone system's unused trunk input, FXO port or a Viking **C-1000B** controller (above)
- Blue LED call progress/night light on **W-1000**, **W-3000** and **W-3005**
- High output speaker amplifier with volume adjustment
- Adjustable microphone volume
- 24 Volt talk battery
- 20 Hz ring generator (6.0 REN ring load maximum)
- Selectable ring cadence and number of rings
- Selectable "Push-to-Talk" feature for noisy environments
- Operating temperature range: -15°F to 130°F
- Enhanced Weather Protection (EWP) models available, designed to meet IP66 Ingress Protection Rating (Learn more about EWP see DOD 859)
- **W-3005** features a built-in analog color video camera with wide viewing angle and tilt/swivel adjustments
- **W-3005** can use one CAT 5e cable for audio and video transmission

Model	Description	EWP	Camera	DOD
W-1000	Flush Mount Black Doorbox			170
W-1000-EWP	Flush Mount Black Doorbox	•		170
W-2000A	Surface Mount Doorbox			170
W-2000A-EWP	Surface Mount Doorbox	•		170
W-3000	Flush Mount Stainless Steel Doorbox			170
W-3000-EWP	Flush Mount Stainless Steel Doorbox	•		170
W-3005	Flush Mount Stainless Steel Video Doorbox		•	181
W-3005-EWP	Flush Mount Stainless Steel Video Doorbox	•	•	181

W-1000
Faceplate: Vandal resistant 12 gauge louvered aluminum with weather resistant black textured powder paint.

Mounting: Flush mount or use an optional Viking Surface Mount Box sold separately (page 32).

W-2000A
Chassis: Impact resistant, UV stable light grey plastic with black UV stable printed graphics.

Mounting: Surface mount only.

W-3000
Faceplate: Vandal resistant 14 gauge louvered 316 marine grade stainless steel with #4 brushed finish and laser etched graphics.

Mounting: Flush mount or use an optional Viking Surface Mount Box sold separately (page 32).

W-3005
Faceplate: Vandal resistant 14 gauge louvered 316 marine grade stainless steel with #4 brushed finish and laser etched graphics.

Mounting: Flush mount or use an optional Viking Surface Mount Box sold separately (page 32).

12 Button Entry Phones with Built-In Directories

Features

- Analog or VoIP interface
- 12 buttons speed dial up to 20 digits each, with 12 rollover numbers
- Easy one button push operation
- Integrated relays for door strike and camera control
- Built-in custom tenant directory
- Enhanced Weather Protection (EWP) models available, designed to meet IP66 Ingress Protection Rating
- Flush mount with the included zinc plated steel rough-in box
- Optional Surface Mount Boxes available (page 33, sold separately)
- Heavy-duty 14 gauge louvered 316 marine grade stainless steel faceplate
- Permanent laser etched graphics
- Heavy duty sealed metal keypad
- T-10 Torx security mounting screws

Analog Models

- Interface to a CO line, analog PABX station, or FXS port
- Hangs up on CPC, busy, silence, time-out or dial tone
- Operates on 12 to 24 Volts AC/DC (12VDC adapter provided)
- 50 keyless entry codes
- Selectable auto-answer feature for monitoring
- Postal lock input
- Touch tone restriction from microphone
- Use with model **C-1000B** (page 35) for increased security
- Compatible with model **C-3000** (page 39) for "No CO" (phone line) operation
- Operating temperature: -30° F to 150° F

VoIP Models

- SIP compliant and PoE powered (class 2, <6.5 Watts)
- Two sets of SPDT 2 Amp relay contacts for door/gate or camera control
- Blue "Call / Status" LED indicator
- Automatic Noise Canceling (ANC) feature for proper operation in noisy environments
- Network downloadable firmware
- Program up to 1,000 keyless entry codes and/or proximity card numbers
- Keyless entry codes and proximity numbers can be programmed to only allow access at specific times and/or days of the week
- Event logging with time and date stamp
- Hangs up on busy, time-out or touch tone command
- Remotely programmable
- Programmable microphone and speaker volume
- Selectable auto-answer feature for monitoring
- Operating temperature: -40°F to 140°F

Model	Analog	VoIP	EWP	Camera	Proximity	DOD
K-1200	●					182
K-1200-EWP	●		●			182
K-1200-IP		●				271
K-1200-IP-EWP		●	●			271
K-1205	●			●		183
K-1205-EWP	●		●	●		183
K-1205-IP		●		●		272
K-1205-IP-EWP		●	●	●		272
K-1270	●				●	184
K-1270-EWP	●		●		●	184
K-1270-IP		●			●	273
K-1270-IP-EWP		●	●		●	273
K-1275	●			●	●	194
K-1275-EWP	●		●	●	●	194
K-1275-IP		●		●	●	274
K-1275-IP-EWP		●	●	●	●	274

K-1200 Series

- Entry phone with built-in 12 button keypad
- Bushed stainless steel finish

K-1205 Series

- Built-in analog color video camera
- 420 lines of resolution and 80° viewing angle
- Tilt and swivel adjustment

K-1270 Series

- Built-in proximity reader
- 125KHz compatible 26-bit Wiegand format
- Compatible with Viking proximity credentials (page 38)

K-1275 Series

- Built-in analog color video camera
- Built-in proximity reader
- Compatible with Viking proximity credentials (page 38)

Compact Analog Color Video Camera Kits

The **VCAM-1** features tilt and swivel adjustment, stainless steel mounting hardware, potted circuit board, 12VDC adapter / wire connections.

Model	DOD
VCAM-1	190
VCAM-1IR	190

VCAM-1   **VCAM-1IR**

Model **VCAM-1IR** is designed to be used with IR illuminators.

Single Gang Analog Video Camera

- Fits in a standard single gang box
- Wide viewing angle
- Enhanced Weather Protection (EWP)
- Power supply included
- Replacement faceplates available
- Compatible with **VE-3x5** Surface Mount Box (page 33)

Model	Description	DOD
VCAM-2-SS	Stainless Camera Panel	190
VCAM-2-BN	Bronze Camera Panel	190
PNL-VCAM-2-SS	Stainless Faceplate	190
PNL-VCAM-2-BN	Bronze Faceplate	190

VCAM-2-BN

VCAM-2-SS

Handsfree Entry Phones with Built-In Keypads

Features

- Analog or VoIP Interface
- Two finishes: Brushed Stainless Steel or Oil Rubbed Bronze (BN)
- Enhanced Weather Protection (EWP) models available
- Blue "Call/Status" LED indicator
- Flush mount with the included zinc plated steel rough-in box
- Optional Surface Mount Boxes available for all models on this page (see page 32, sold separately)
- 14 gauge louvered 316 marine grade stainless steel faceplate
- Permanent laser etched graphics on stainless steel models
- Stainless steel "Call" button
- Heavy duty sealed keypad
- T-10 Torx security mounting screws

Analog Models

- Telephone line powered
- Interface to a CO line, analog PABX station, or FXS port
- Advanced call progress detection: disconnects on busy signal, return to dial tone, CPC, reorder tone, call time-out, and 40 second silence time out
- Auto-answer feature for monitoring
- Selectable push button disconnect
- Adjustable mic and speaker volume
- Programmable VOX (microphone/speaker) switching speed
- Operating temperature: -20°F to 130°F

Compatible Viking Controllers

C-500 (page 42)	C-4000 (page 39)
C-2000B (page 42)	K-1900-3 (page 39)
C-3000 (page 39)	SRC-1 (page 41)

VoIP Models

- Two sets of 2 Amp relay contacts for door/gate control
- SIP compliant and PoE powered (class 2, <6.5 Watts)
- Automatic Noise Canceling (ANC) feature for proper operation in noisy environments
- Network downloadable firmware
- Speed dial up to 250 numbers
- Cycles to rollover number on busy or no-answer
- Program up to 1,000 keyless entry codes and/or proximity card numbers
- Keyless entry codes and proximity card numbers can be programmed to only allow access at specific times and days of week
- Event logging with time and date stamp
- Remotely programmable
- Programmable microphone and speaker volume
- Operating temperature: -40°F to 140°F

Controller Built-in

Model	Finish	Analog	VoIP	EWP	Camera	Proximity	DOD
K-1700-3	Stainless	●					157
K-1700-3-EWP	Stainless	●		●			157
K-1700-3-BN	Bronze	●					157
K-1700-3-BN-EWP	Bronze	●		●			157
K-1700-IP	Stainless		●				253
K-1700-IP-EWP	Stainless		●	●			253
K-1700-BN-IP	Bronze		●				253
K-1700-BN-IPEWP	Bronze		●	●			253
K-1705-3	Stainless	●			●		159
K-1705-3-EWP	Stainless	●		●	●		159
K-1705-3-BN	Bronze	●			●		159
K-1705-3-BN-EWP	Bronze	●		●	●		159
K-1705-IP	Stainless		●		●		254
K-1705-IP-EWP	Stainless		●	●	●		254
K-1705-BN-IP	Bronze		●		●		254
K-1705-BN-IPEWP	Bronze		●	●	●		254
K-1770-3	Stainless	●				●	275
K-1770-3-EWP	Stainless	●		●		●	275
K-1770-3-BN	Bronze	●				●	275
K-1770-3-BN-EWP	Bronze	●		●		●	275
K-1770-IP	Stainless		●			●	257
K-1770-IP-EWP	Stainless		●	●		●	257
K-1770-BN-IP	Bronze		●			●	257
K-1770-BN-IPEWP	Bronze		●	●		●	257
K-1775-3	Stainless	●			●	●	280
K-1775-3-EWP	Stainless	●		●	●	●	280
K-1775-3-BN	Bronze	●			●	●	280
K-1775-3-BN-EWP	Bronze	●		●	●	●	280
K-1775-IP	Stainless		●		●	●	258
K-1775-IP-EWP	Stainless		●	●	●	●	258
K-1775-BN-IP	Bronze		●		●	●	258
K-1775-BN-IPEWP	Bronze		●	●	●	●	258

K-1700 Series

- Entry phone with built-in keypad.
- Stainless steel model (left) shown in optional VE-6x7 Surface Mount Box (see page 32, sold separately)

K-1705 Series

- Built-in analog color composite video camera
- 420 lines of resolution and 80° viewing angle
- Tilt and swivel adjustment

K-1770 Series

- Built-in proximity reader
- 125KHz compatible 26-bit Wiegand format
- Compatible with Viking proximity credentials (see page 38)

K-1775 Series

- Built-in analog color video camera
- 420 lines of resolution and 80° viewing angle
- Built-in proximity reader
- 125KHz compatible 26-bit Wiegand format
- Compatible with Viking proximity credentials (see page 38)

125 KHz Proximity Reader

- Standard 26-bit Wiegand interface
- Use with Viking **PRX-C**, **PRX-C-ISO**, **PRX-FOB**, **LRT-4**, certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**
- Comes with Enhanced Weather Protection (EWP), designed to meet IP66 Ingress Protection Rating
- Compact size mounts to mullion / door frame

Model	DOD
PRX-1	221

Mullion Mount Proximity Reader with Keypad

- Read range of up to 6 inches
- Reader Format: 26-bit Wiegand
- Keypad formats: 26-bit Wiegand and 8-bit burst
- Use with Viking **PRX-C**, **PRX-C-ISO**, **PRX-FOB**, **LRT-4**, certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**

Model	DOD
PRX-5	224

- Comes standard with Enhanced Weather Protection (EWP)

Keypad with Proximity Reader

- Reader format: 26-bit Wiegand
- Keypad formats: 26-bit Wiegand and 8-bit burst
- Use with Viking **PRX-C**, **PRX-C-ISO**, **PRX-FOB**, **LRT-4**, certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**
- Comes with Enhanced Weather Protection (EWP), designed to meet IP66 Ingress Protection Rating

Model	DOD
PRX-2	219

Proximity Cards and Fobs

- No magnetic strip to wear out
- No batteries
- **PRX-C** is credit card size with slot
- Thinner, more flexible **PRX-C-ISO**
- No minimum quantities

Model	DOD
PRX-C	198
PRX-C-ISO	198
PRX-FOB	198

High Performance Proximity Reader

- Read range of up to 16 inches
- Standard 26-bit Wiegand interface
- Use with Viking **PRX-C**, **PRX-C-ISO**, **PRX-FOB**, **LRT-4**, certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**
- Comes with Enhanced Weather Protection (EWP)
- Surface mounts to non-metallic wall, post, or single gang electrical box

Model	DOD
PRX-3	228
PRX-3-MK-GNP	229
PRX-3-MK-VEGNP	229

Mounts to an optional Viking gooseneck pedestal (page 33) with a **PRX-3-MK-GNP** or **PRX-3-MK- VEGNP** mounting kit (sold separately)

Long Range 4 Channel Transmitter and Receiver

- Up to 400 ft range (line of sight)
- Convenient key fob design
- 4 buttons to activate up to 4 Wiegand devices
- Secure, Rolling Code + Encryption, digital, anti-playback wireless transmission
- Integrated 125KHz proximity module for close range access credential

Model	DOD
LRR-4	226
LRT-4	226

LRR-4   LRT-4

Wiegand Keypad

- Slender aluminum housing for mullion mounting
- Pigtail leads
- Beeper and LEDs show status
- Standard 26-bit Wiegand interface
- Dimensions: 7.1˝ x 1.7˝ x 0.5˝
- Designed for outdoor use, the **PRX-4** comes standard with Enhanced Weather Protection (EWP), designed to meet IP66 Ingress Protection Rating (see page 4 for EWP info)

Model	DOD
PRX-4	199

Proximity / Entry Controller

- 1 door with up to 250 users
- Use with a card reader or keypad
- Standard 26-bit Wiegand interface
- Program with a touch tone phone
- Output for data logging
- Power supply included

Model	DOD
ES-1	193

* 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.
** AWID is a trademark of Applied Wireless Identification Group.

Apartment / Office Entry Controller

The **K-1900-3** converts any touch tone phone into a multi-number auto dialer that will store up to 250 telephone numbers.

When a call initiated by the **K-1900-3** is answered by an apartment or business tenant, a built-in relay contact may be activated to control an electric gate or door strike. Up to 250 keyless entry codes may also be programmed.

- Stores 250 tenant touch tone phone numbers and keyless entry codes
- DPDT relay for controlling door strikes, magnetic locks, gates, etc.

- Multi-number dialer mode (kiosks, etc.)
- Ring-thru mode for calling the entry phone
- Auxiliary relay input to trigger a timed relay activation for postal locks, etc.
- Power supply included

Model	DOD
K-1900-3	312

Commonly Used with:

K-1700-3
K-1705-3
K-1770-3
K-1775-3
K-1900-8
or any touch tone phone

No CO Line Entry Controller

Eliminates the monthly expenses of an entry phone line and CO ˝call waiting˝ feature on tenant's lines. The **C-3000** rings the tenant's phone or provides call waiting tones. The tenant can "buzz" the visitor in from their touch tone phone via the front and rear door strike contacts. Power supply included.

- Functions with or without tenant CO lines
- Supports two entry points and 12 tenants
- Expands to 96 tenants by adding more units (each **C-3000** adds 12 additional tenants)

Model	DOD
C-3000	162

Commonly Used with:

AES-2000	K-1270	K-1770-3
AES-2005	K-1275	K-1775-3
K-1200	K-1700-3	K-1900-8
K-1205	K-1705-3	or any touch tone phone

4 Door Entry Controller

The **C-4000** converts any four touch tone phones into multi-number auto dialers that will store up to 250 telephone numbers. When a call initiated by the **C-4000** is answered by an apartment or business tenant, a built-in relay may be activated to control an electric gate or door strike.

- Supports 4 entry points
- Supports 4 Wiegand devices
- Stores 250 tenant touch tone phone numbers and 250 entry codes

- Remote or local touch tone programmable
- Programmable relay activation code
- Programmable master entry code and maintenance personnel entry codes
- DPDT relay for controlling door strikes, magnetic locks, gates, etc.
- Power supply included

Model	DOD
C-4000	164

Commonly Used with:

K-1700-3
K-1705-3
K-1770-3
K-1775-3
K-1900-8
or any touch tone phone

Name Directories

Model	Description	DOD
D6	6 Names	158
D10	10 Names	158
D22	22 Names	158
D32	32 Names	158
D44	44 Names	158
D56	56 Names	158

Viking's vandal-resistant directories are an easily installed, high-quality line of displays, designed specifically to complement newly installed or existing secure-building entry systems. All models feature both weather and vandal resistant construction. The **D-Series** directories are durably constructed from 18 gauge brushed stainless steel to perfectly match the style and function of Viking's stainless steel phones.
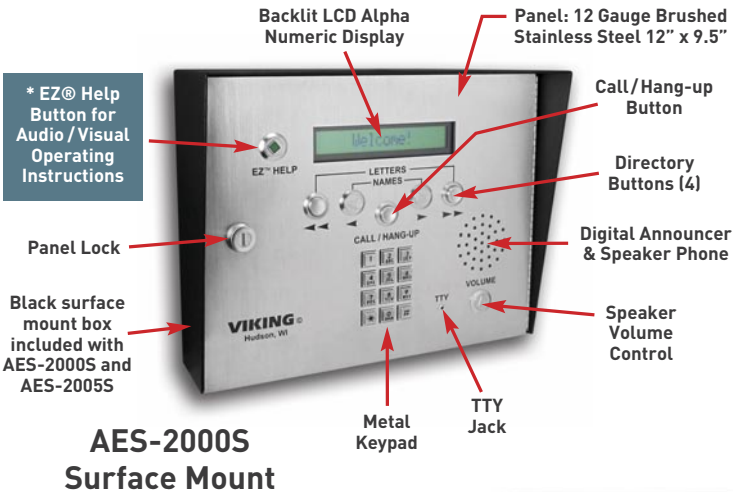
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Accessible Entry System

Usable by people with sensory and physical impairments

The Accessible Entry System is a hands-free phone with a built in auto-dialer, which will allow access to apartment/office buildings by using analog telephone service. In order to assist people of varying abilities, the directory is displayed on the LCD screen and an audible announcement is played.

The system is housed behind a marine grade 316 stainless steel panel with metal keypad and control buttons. Power supply included.

- Supports up to 525 tenant names and phone numbers
- Data logging via the **PB-100**
- Door strike contacts
- Postal lock input
- Remote recording and programming
- Designed to help meet ADA requirements
- Compatible with Viking proximity credentials (page 38)
- Model **AES-2005S** and **AES-2005F** also feature a built-in color video camera
- **PB-100** required for programming (see below)

Backlit LCD Alpha Numeric Display

Panel: 12 Gauge Brushed Stainless Steel 12" x 9.5"

* EZ® Help Button for Audio / Visual Operating Instructions

Call / Hang-up Button

Directory Buttons (4)

Panel Lock

Digital Announcer & Speaker Phone

Black surface mount box included with AES-2000S and AES-2005S

Speaker Volume Control

Metal Keypad

TTY Jack

AES-2000S Surface Mount

* EZ® and EZ Access® are registered trademarks of the Wisconsin Alumni Research Foundation (https://trace.umd.edu/ez)

AES-2000F Flush Mount

Mounting bezel and back box included

Model	Description	Analog	Camera	DOD
AES-2000S	Surface Mount Entry System	•		202
AES-2000F	Flush Mount Entry System	•		202
AES-2005S	Surface Mount Entry System with Camera	•	•	204
AES-2005F	Flush Mount Entry System with Camera	•	•	204
ERAM-4M	Expansion Memory			854

Applications Include:

- Apartment/Office Buildings
- Assisted Living Residences
- Nursing Homes
- Gated Communities
- Hospitals
- Public Housing

Add Entry Points to the AES Models

Add up to 32 additional points of entry to the Viking **AES-2000** Accessible Entry System. The **ES-3** operates a door strike or magnetic lock upon receiving valid credentials from a Wiegand device. One **ES-3**, one Wiegand device, and a door strike or magnetic lock of your choice is required for each additional entry point.

- Two wire CAN communication protocol can be daisy-chained together
- Share with a door strike's 12-24V AC or DC power source
- Power supply included

Model	DOD
ES-3	195

PC to Phone Line Interface / Controller

The **PB-100** connects to a serial or USB port on your PC and also to an analog phone line. The **PB-100** accepts ASCII commands to seize the phone line, watch for busy, and to send and receive touch tones or data. If the PC is equipped with a sound card, the audio input and output can be coupled to the phone line.

A CD ROM is included with programs to do emergency phone polling, **AES-2000** programming, and hotel/motel wake up dialer. Power supply included.

Model	DOD
PB-100	232

- Windows compatible software included
- Remote programming of **AES-2000** Entry System (above)
- Hotel/Motel wake up applications
- Emergency phone polling / programming application

Secure Remote DTMF Controller

- Touch tone programmable
- 6 digit security code
- Relay activation code
- 32 keyless entry codes
- Operates on any 12-24V AC/DC power source
- Power supply included

The **SRC-1** enables a standard touch tone phone to securely operate a set of timed 5 Amp relay contacts to control a door strike or gate controller from a remote location. The **SRC-1** is fully user programmable and uses non-volatile memory. The **SRC-1** eliminates the possibility of dialing the activation code through the entry phone using a hand held touch tone dialer. The **SRC-1** can be used with any of Viking's analog Entry Phones and Doorboxes. A postal lock input is provided.

Model	DOD
SRC-1	176

Remote Controller for 1 Relay

- Programmable access code
- Easy installation
- Selectable relay operation times
- Normally open or normally closed relay

The **RC-2A** provides remote relay operation from any standard touch tone telephone and can be installed either locally or remotely. For local installations the **RC-2A** can be installed in parallel on any analog communications path, such as analog CO lines or analog PABX/FXS stations and will passively monitor for touch tone commands.

For off-premise applications, the **RC-2A** will answer analog CO lines or PABX/FXS stations after a selectable ring delay. Then the **RC-2A** can be activated to allow remote relay operation. Power supply included.

Model	DOD
RC-2A	160

Remote Controller for 3 Relays

- Operational commands can customized to 1, 2 or 3 digits in length
- Relay interrogation tones
- Programmable relay times
- Cascade up to three **RC-3** units to control up to nine relays

The **RC-3** enables a standard touch tone phone to control up to 3 maintained ON, maintained OFF, or momentary relay contacts from a remote location. The **RC-3** is fully user programmable and uses non-volatile memory.

Up to three units can be daisy chained on the same line to control up to nine relays. The **RC-3** features switchable 32V talk battery allowing easy installation on a trunk/FXO port. The unit can be connected directly to a CO line or analog PABX/FXS station. Power supply included.

Model	DOD
RC-3	165

Network Enabled Relay Controller

- Notification by email or text message of sensor input state change
- Can be used as a secure remote relay for Viking VoIP phones
- Ready-to-use webpage control interface
- Encrypted login
- Relay names, input names, and input status can be customized on webpage

The **RC-4A** provides networked control of four relays via an easy-to-use web interface. The same interface can be used to check the status of four contact inputs. Relays can be toggled on or off, or user-programmed timed closures can be activated.

The **RC-4A** can be configured to work as a remote relay for Viking IP phones, controlling door strikes and gates when a remote relay is required for security reasons. It can also be programmed to send an email or text message in response to a change in one or more of the sensor inputs. Two units can be set up so that activity on a sensor input of one unit will automatically activate one of the relays on the other unit. Power supply included.

Model	DOD
RC-4A	582

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Single Entry Phone Interface

Allows House Phones or a Phone System to Share a Phone Line with One Viking Entry Phone

The **C-200** allows a single line telephone or a telephone system to share a phone line with a single Viking entry phone. When a visitor presses the call button on the entry phone, the resident's phone rings. The resident can now answer and converse with the visitor prior to manually allowing entry. If you are on a call, the **C-200** provides a "Call Waiting" tone. The resident can "hook flash" which puts the call on hold while they converse with the visitor. Power supply included.

Model	DOD
C-200	169

Compatible with: All Viking E-Series and K-Series analog entry phones or use with any standard analog phone.

Single Entry Phone / Relay Controller with Call Forwarding

• 5 Amp door strike or gate control relay
• Immediate call forward mode
• Built in 5 number dialer (1- 20 digits)
• No CO mode

The **C-250** allows single line phones or a phone system to share a phone line with a Viking entry phone. When the entry phone initiates a call, the **C-250** provides a double ring. If there is no answer, the controller can dial up to 5 numbers to connect the entry phone call to a cell phone or guard station.

Buzz the visitor in with a 1 or 2 digit touch tone command. The **C-250** allows tenants to monitor the entry phone and has a postal lock input. Power supply included.

Model	DOD
C-250	172

Compatible with: All Viking E-Series and K-Series analog entry phones or use with any standard analog phone.

Two Entry Phone / Relay Controller with Call Forwarding

• No CO mode
• Analog station mode
• Immediate call forward mode
• 6 keyless entry codes per door
• Programmable Caller ID
• Expandable to 4 controllers for up to 8 entry phones

The **C-500** allows single line phones or a phone system to share a phone line with two Viking entry phones. When the entry phone initiates a call, the **C-500** provides distinctive ring. If there is no answer, the controller can dial up to 5 numbers to connect the entry phone call to a cell phone or guard station. Buzz the visitor in with a 1 or 2 digit touch tone command. The **C-500** allows tenants to monitor either phone and features two trigger inputs, 5 Amp door strike or gate opener contacts and programmable entry phone caller ID. Power supply included.

Model	DOD
C-500	177

Compatible with: All Viking E-Series and K-Series analog entry phones or use with any standard analog phone.

Four Entry Phone / Relay Controller

• Analog station dial through mode for apartment or office entry applications
• Provides 6 different keyless entry codes per door and 6 master codes for use at any door
• Codes can be set as permanent or "1 time" use
• Provide 4 unique CD quality door chimes plus whole house paging when used with the Viking **SLP-4** (page 23)
• Programmable Caller ID
• Programmable relay activation code

Answer and open up to 4 doors or gates from your nearest phone. The **C-2000B** can provide a double ring and/or caller ID to indicate which entry phone is calling. If you are on a call the controller provides call waiting tones and caller ID. You can place the existing call on hold, talk to the visitor, then return to the original caller. The unit can ring up to 16 phones. Programmable "Privacy Number" eliminates prank calls. The **C-2000B** allows the user to monitor any entry phone with auto answer capability. Power supply included.

Model	DOD
C-2000B	156

Compatible with: All Viking E-Series and K-Series analog entry phones or use with any standard analog phone.
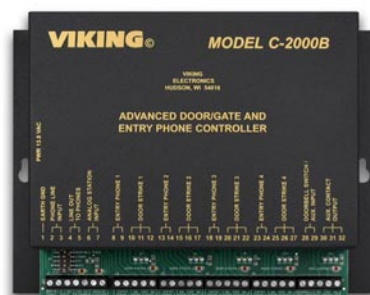
Analog Speaker Phones with Dialers

E-30
Standard vandal-resistant door entry phone

E-32
Door entry phone that mounts in a double gang box

E-30-PT
Door entry phone with "Push-to-Talk" button for noisy areas

E-35
Door entry phone with built-in analog video camera

- Telephone line powered
- Heavy-duty marine grade 316 stainless steel faceplate with brushed finish
- Faceplate dimensions: 5.0" x 5.0"
- Remotely programmable
- Selectable auto-answer feature allows remote monitoring
- Adjustable mic and speaker volume
- Interface to a CO line, analog PABX station, or FXS port
- Intelligent call progress detection for automatic hang-up on CPC, silence, busy signal, or time out

- Program to dial up to 5 numbers on busy or ring-no-answer
- Programmable maximum call length
- Operating temperature: -30°F to 150°F
- E-32 flush mounts in a standard double gang box (not included)
- Flush mount models **E-30**, **E-30-PT**, and **E-35** with the included rough-in box
- Optional surface mount boxes available (sold separately), see page 32

E-30 shown in optional **VE-5x5** surface mount box

- Available with Enhanced Weather Protection (EWP), designed to meet IP66 Ingress Protection Rating

Model	Analog	EWP	Camera	DOD
E-30	●			212
E-30-EWP	●	●		212
E-32	●			212
E-32-EWP	●	●		212
E-35	●		●	178
E-35-EWP	●	●	●	178
E-30-PT	●			214
E-30-PT-EWP	●	●		214

Analog Speaker Phones

E-10A

E-10-WHA

E-20B

E-10A and **E-10-WHA:** Heavy-duty aluminum faceplate, flush mount with the included rough-in box or use an optional surface mount box (sold separately), see page 32

E-20B: Impact resistant, UV stable, light grey plastic chassis with black UV stable pad printed graphics, surface mount only

- Telephone line powered
- Button will place or hang-up a call
- Faceplate dimensions: 5.0" x 5.0"
- Adjustable mic and speaker volume
- Intelligent call progress detection for automatic hang-up on CPC, silence, busy signal, or time out

- Selectable auto-answer feature allows remote monitoring
- Programmable maximum call length
- Programmable VOX (mic/speaker) switching speed
- Available with Enhanced Weather Protection (EWP), designed to meet IP66 Ingress Protection Rating

Model	Analog	EWP	DOD
E-10A	●		210
E-10A-EWP	●	●	210
E-10-WHA	●		210
E-10-WHA-EWP	●	●	210
E-20B	●		210
E-20B-EWP	●	●	210

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Touch-Free VoIP Entry Phones

The **E-20TF-IP**, **E-30TF-IP** and **E-32TF-IP** Touch-Free VoIP Entry Phones are equipped with Viking's touchless motion sensor. A simple wave over the sensor will activate a call. Touch-Free calling eliminates the exposure to germs and bacteria from typical push button switches.

Model	Finish	VoIP	EWP	DOD
E-20TF-IP	Gray	•		179
E-20TF-IP-EWP	Gray	•	•	179
E-30TF-IP	Stainless	•		179
E-30TF-IP-EWP	Stainless	•	•	179
E-32TF-IP	Stainless	•		179
E-32TF-IP-EWP	Stainless	•	•	179

E-20TF-IP   **E-30TF-IP**   **E-32TF-IP**

- Adjustable touch-free motion sensor
- SIP compliant
- PoE powered (class 1, <4 Watts)
- 2 Amp relay contacts for door or gate control
- Automatic Noise Canceling (ANC) for clear audio even in noisy areas

- Remotely programmable
- Network downloadable firmware
- Program to dial up to 5 numbers on busy or ring no answer
- Hangs up on busy signal, time-out or touch tone command

VoIP Entry Phones

- Easy one button push operation
- 2 Amp relay contacts for door/gate control
- SIP compliant
- PoE powered (class 1, <4 Watts)
- Remotely programmable
- Automatic Noise Canceling (ANC) for proper operation in noisy environments
- Polling/programming software included
- Network downloadable firmware

- Program to dial up to 5 numbers on busy or ring no answer
- Hangs up on busy, time-out, or touch tone
- Operating temperature: -40°F to 140°F
- Programmable maximum call length
- Auto-answer for remote monitoring

- Adjustable mic and speaker volume
- Available with Enhanced Weather Protection (EWP), designed to meet IP66 Ingress Protection Rating
- Optional Surface Mount Boxes available (sold separately), see page 32

Model	Finish	VoIP	EWP	Camera	DOD
E-10-IP	Black	•			248
E-10-IP-EWP	Black	•	•		248
E-20-IP	Gray	•			248
E-20-IP-EWP	Gray	•	•		248
E-30-IP	Stainless	•			248
E-30-IP-EWP	Stainless	•	•		248
E-32-IP	Stainless	•			248
E-32-IP-EWP	Stainless	•	•		248
E-35-IP	Stainless	•		•	251
E-35-IP-EWP	Stainless	•	•	•	251
E-60-BK-IP	Black	•			250
E-60-BK-IP-EWP	Black	•	•		250
E-60-BN-IP	Bronze	•			250
E-60-BN-IP-EWP	Bronze	•	•		250
E-60-SS-IP	Stainless	•			250
E-60-SS-IP-EWP	Stainless	•	•		250
E-60-WH-IP	White	•			250
E-60-WH-IP-EWP	White	•	•		250

E-10-IP
Heavy-duty black aluminum faceplate, flush mount

E-20-IP
Impact resistant UV stable light gray plastic chassis, surface mount only

E-30-IP
Heavy-duty brushed 316 stainless steel faceplate, flush mount

E-32-IP
Stainless steel faceplate, flush mount in a standard double gang box

E-35-IP
Built-in analog video camera, flush mount stainless steel faceplate

E-60-SS-IP
Available finishes: black, brushed stainless, oil rubbed bronze, and white

Analog Single & Double Gang Speaker Phones

Model	Finish	Analog	EWP	Camera	Proximity	DOD
E-40-BK	Black	•				187
E-40-BK-EWP	Black	•	•			187
E-40-BN	Bronze	•				187
E-40-BN-EWP	Bronze	•	•			187
E-40-SS	Stainless	•				187
E-40-SS-EWP	Stainless	•	•			187
E-40-WH	White	•				187
E-40-WH-EWP	White	•	•			187
E-50-BK	Black	•		•		191
E-50-BK-EWP	Black	•	•	•		191
E-50-BN	Bronze	•		•		191
E-50-BN-EWP	Bronze	•	•	•		191
E-50-SS	Stainless	•		•		191
E-50-SS-EWP	Stainless	•	•	•		191
E-50-WH	White	•		•		191
E-50-WH-EWP	White	•	•	•		191
E-60-BK	Black	•				206
E-60-BK-EWP	Black	•	•			206
E-60-BN	Bronze	•				206
E-60-BN-EWP	Bronze	•	•			206
E-60-SS	Stainless	•				206
E-60-SS-EWP	Stainless	•	•			206
E-60-WH	White	•				206
E-60-WH-EWP	White	•	•			206
E-65-BK	Black	•		•		203
E-65-BK-EWP	Black	•	•	•		203
E-65-BN	Bronze	•		•		203
E-65-BN-EWP	Bronze	•	•	•		203
E-65-SS	Stainless	•		•		203
E-65-SS-EWP	Stainless	•	•	•		203
E-65-WH	White	•		•		203
E-65-WH-EWP	White	•	•	•		203
E-70-BK	Black	•			•	207
E-70-BK-EWP	Black	•	•		•	207
E-70-BN	Bronze	•			•	207
E-70-BN-EWP	Bronze	•	•		•	207
E-70-SS	Stainless	•			•	207
E-70-SS-EWP	Stainless	•	•		•	207
E-70-WH	White	•			•	207
E-70-WH-EWP	White	•	•		•	207
E-75-BK	Black	•		•	•	208
E-75-BK-EWP	Black	•	•	•	•	208
E-75-BN	Bronze	•		•	•	208
E-75-BN-EWP	Bronze	•	•	•	•	208
E-75-SS	Stainless	•		•	•	208
E-75-SS-EWP	Stainless	•	•	•	•	208
E-75-WH	White	•		•	•	208
E-75-WH-EWP	White	•	•	•	•	208

- Telephone line powered
- Available in 4 different finishes
- Vandal resistant 18 gauge 304 stainless steel faceplate
- Interface to a CO line, analog PABX station, or FXS port
- Blue LED helps locate the push button, as well as indicate ringing and off-hook
- Intelligent call progress detection for automatic hang-up on CPC, silence, busy signal, or time-out
- Adjustable mic and speaker volume
- Remotely programmable
- Programmable maximum call length
- Auto-answer feature for monitoring
- Programmable VOX (mic/speaker) switching speed
- Operating temperature: -30° F to 150° F
- Enhanced Weather Protection (EWP) models available, designed to meet IP66 Ingress Protection Rating
- Optional Surface Mount Boxes available (see page 32-33, sold separately)
- **E-40/E-50** single gang compact size dimensions: 4.88"H x 3.13"W x 1.8"D
- **E-60/E-65/E-70/E-75** double gang compact size dimensions: 4.88"H x 4.94"W x 1.7"D

E-40 Series

- Vandal resistant 18 gauge 304 stainless steel faceplate
- Flush mounting in a standard single gang box
- Optional **VE-3x5** surface mount box (page 33)
- Replacement faceplates available in all finishes, see DOD 188

E-40-SS shown (Brushed Stainless Steel finish)

E-50 Series

- Built-in color composite video camera (see page 4)
- Audio and video transmission on one CAT 5e cable
- Flush mounting in a standard single gang box
- Camera power supply included
- Replacement faceplates available in all finishes, see DOD 192

E-50-BN shown (Oil Rubbed Bronze finish)

E-60 Series

- Durable 18 gauge 304 stainless steel faceplate
- Flush mount in a standard double gang box
- Shown in optional **VE-5x5** Surface Mount Box (page 32)
- Replacement faceplates available, see DOD 209

E-60-SS shown in **VE-5x5** Surface Mount Box (sold separately)

E-65 Series

- Built-in color composite video camera (see page 4)
- Audio and video transmission on one CAT 5e cable
- Camera power supply included
- Optional Surface Mount Boxes (page 32)
- Replacement faceplates available, see DOD 201

E-65-BN shown (Oil Rubbed Bronze finish)

E-70 Series

- Built-in 125KHz compatible 26-bit Wiegand proximity reader, see page 38 for additional compatible Viking products
- Flush mount in a standard double gang box
- Optional Surface Mount Boxes (page 32)
- Replacement faceplates available, see DOD 200

E-70-WH shown (Satin White finish)

E-75 Series

- Built-in color composite video camera (see page 4)
- Audio and video transmission on one CAT 5e cable
- Built-in 125KHz compatible proximity reader (see page 38)
- Optional Surface Mount Boxes (page 32)
- Replacement faceplates available, see DOD 221

E-75-BK shown (Textured Black finish)

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