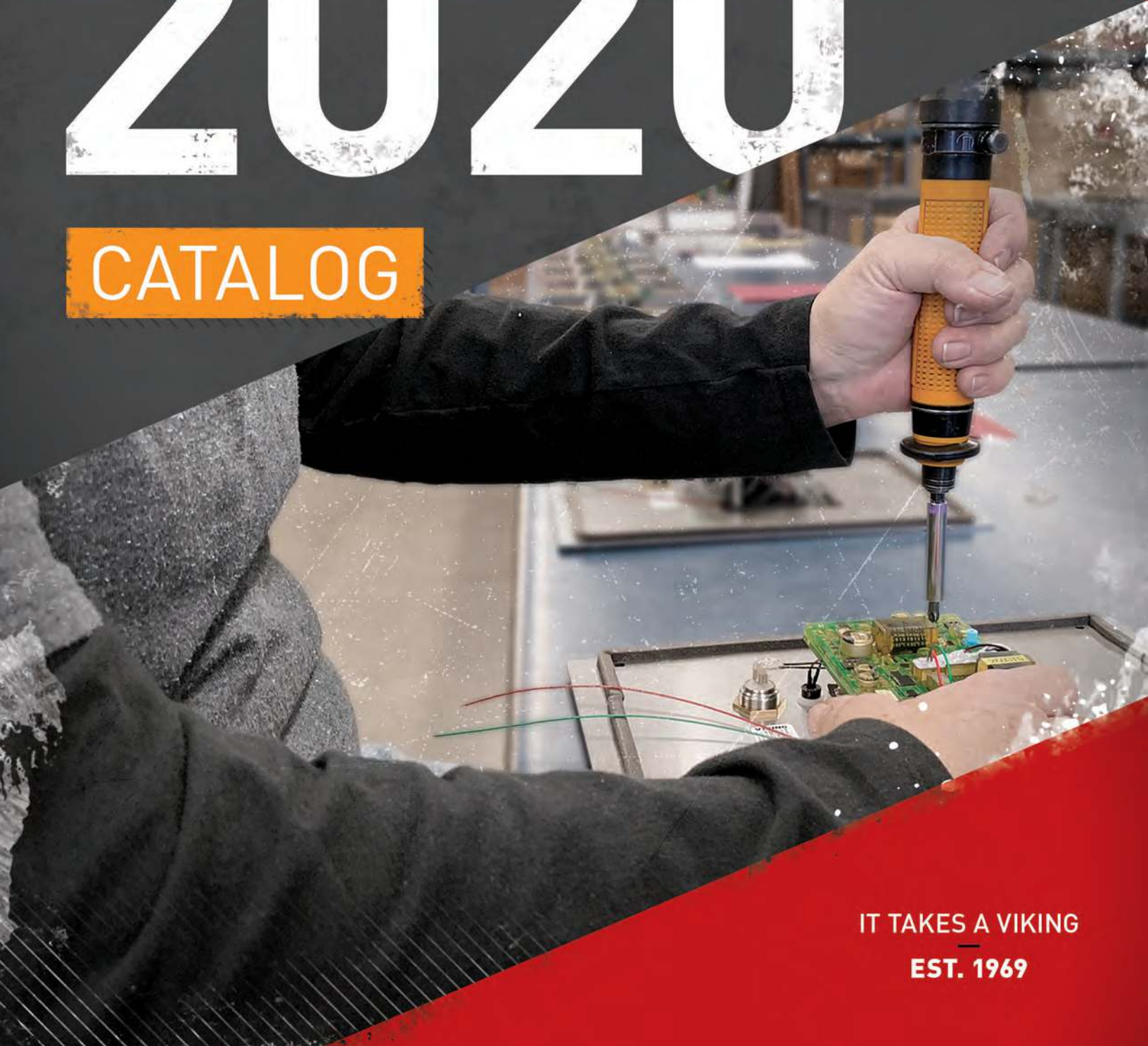




**VIKING**  
SECURITY & COMMUNICATION

# 2020

CATALOG



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EST. 1969

# BATTLE TESTED SECURITY



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We learned long ago that our products just have to work, period. Reliability and innovation have been at the core of the Viking blueprint for more than 50 years. We bring you the industry leading technology of today and the "tough as nails" craftsmanship of the past.

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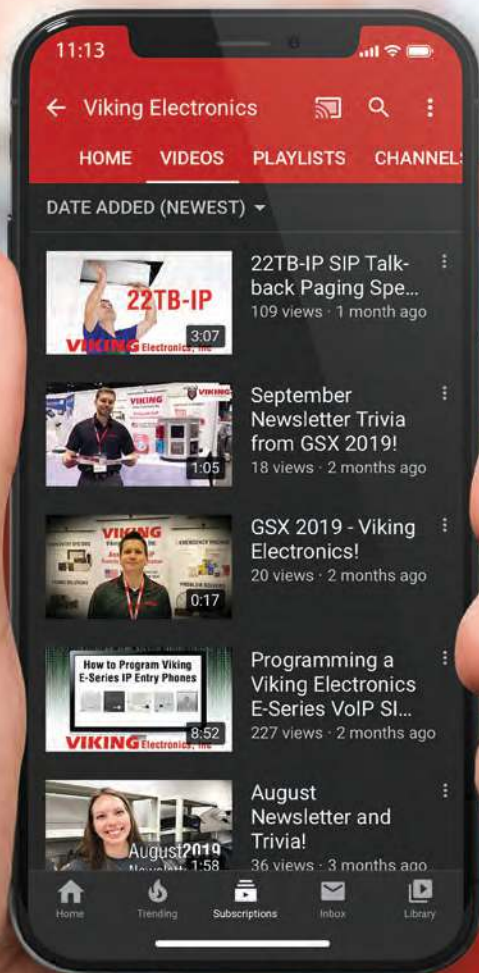
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## PRODUCT TRAINING NOW ON YOUTUBE!

The Viking Electronics YouTube channel features educational and training content helpful for customers, distributors, and installers of all experience levels.

Viking's YouTube channel features videos of Viking product overviews, answers to common industry questions, and set up instructions for select products. Videos are uploaded regularly, and include links to relevant product manuals, application notes, and other valuable materials.

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**2-YEAR LIMITED  
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## 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.



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X-1605	380	46
X-1605-32	380	46
X-1605-32-EWP	380	46
X-1605-EWP	380	46
X-205-BK	390	46
X-205-BK-EWP	390	46
X-205-BN	390	46
X-205-BN-EWP	390	46
X-205-SS	390	46
X-205-SS-EWP	390	46
X-35-BK	370	46
X-35-BK-EWP	370	46
X-35-BN	370	46
X-35-BN-EWP	370	46
X-35-SS	370	46
X-35-SS-EWP	370	46
ZPI-4	499	22

## 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-11R, see DOD 190

## 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-F0B, 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 ABLLOY company.  
 \*\* AWID is a trademark of Applied Wireless Identification Group.

# ADA Compliant Emergency Phones

- Analog or VoIP interface
- Automatic Noise Canceling (ANC) for proper operation in noisy environments
- 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
- Enhanced Weather Protection (EWP) models available, designed to meet IP66 Ingress Protection Rating



## Analog: 1600A Series

### Analog Features and Operation

- Telephone line powered
- Can be connected 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 "Push for 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 "Call 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 "Call 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 / 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 "Push for Help" button is pressed, the 1600-IP Series phone dials a pre-programmed telephone number. The "Call 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 "Call 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 the assistance of a network administrator / IT technician.



**CHECK THIS OUT!**

**Emergency Phones with HD Video | See page 46 for more info »**



## Compact Emergency Phones

- 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

These models have the same features as the phones above, but without lettering - ideal for custom applications. Separate "Push for Help" Braille label included.

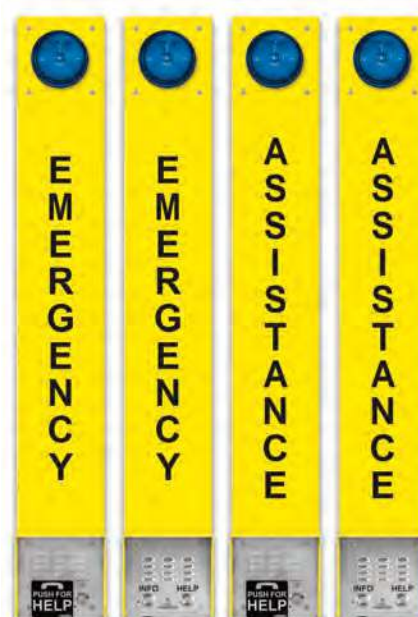
Model	Color	Analog	VoIP	EWP	DOD
E-1600A	Red	•			215
E-1600A-EWP	Red	•		•	215
E-1600-IP	Red		•		255
E-1600-IP-EWP	Red		•	•	255
E-1600-40A	Red	•			215
E-1600-40A-EWP	Red	•		•	215
E-1600-40-IP	Red		•		255
E-1600-40-IPEWP	Red		•	•	255
E-1600-45A	Yellow	•			215
E-1600-45A-EWP	Yellow	•		•	215

Model	Color	Analog	VoIP	EWP	DOD
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

## 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, powder painted yellow
- Phone Panel: 14 gauge 316 marine grade stainless steel faceplate with stainless steel button
- Mounting: Surface mount to wall or post
- Power supply included for strobe
- Comes standard with Enhanced Weather Protection (EWP), see page 6
- Meets IP66 Ingress Protection Rating
- For features and operation, see page 8

Model	Description	Analog	VoIP	EWP	DOD
E-1600A-AST-EWP	"Assistance" verbiage with HELP button	•		•	217
E-1600A-AST2EWP	"Assistance" verbiage with HELP and INFO buttons	•		•	217
E-1600-ASTIPEWP	"Assistance" verbiage with HELP button		•	•	249
E-1600AST2IPEWP	"Assistance" verbiage with HELP and INFO buttons		•	•	249
E-1600A-BLT-EWP	"Emergency" verbiage with HELP button	•		•	217
E-1600A-BLT2EWP	"Emergency" verbiage with HELP and INFO buttons	•		•	217
E-1600-BLTIPEWP	"Emergency" verbiage with HELP button		•	•	249
E-1600BLT2IPEWP	"Emergency" verbiage with HELP and INFO buttons		•	•	249



## 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 Parts Kits

The Viking Emergency Phone "parts kits" are specifically designed to be used behind custom elevator panels or with custom elevator phones. Just like all Viking ADA Compliant Emergency Phones, these kits provide quick and reliable handsfree communication in the event of an emergency.

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-1600-52A	Parts kit with 2 buttons (ie: HELP and INFO)	•			215
E-1600-52A-EWP	Parts kit with 2 buttons (ie: HELP and INFO)	•		•	215
E-1600-50-IP	Parts kit with 1 button		•		255
E-1600-50-IPEWP	Parts kit with 1 button		•	•	255
E-1600-52-IP	Parts kit with 2 buttons (ie: HELP and INFO)		•		255
E-1600-52-IPEWP	Parts kit with 2 buttons (ie: HELP and INFO)		•	•	255

- These are parts kits without a chassis
- For features and operation, refer to page 8

**Kit includes:**

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



## Analog to VoIP Conversion Kit

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

The **E-1600-53-IP** conversion kit is designed to convert select Viking analog phones to VoIP. The kit saves money by re-using the housing, faceplate, mic, speaker, switch, and LED. The conversion takes less than 15 minutes (slightly longer for EWP models). For features and operation, refer to page 8.



## Emergency Phone Kit for Custom Installations

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

- 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



## Emergency Phone for Elevator Phone Box

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

- Material: 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"
- Includes Braille label, "Call Connected" LED, and I.D. Announcement for ADA compliance
- For features and operation, refer to page 8



# 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 6
- 12 gauge marine grade 316 stainless steel
- For features and operation, refer to 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



## Emergency Phone (non-ADA)

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



Model	Description	DOD
K-1500-E	Elevator Phone with Handset (non-ADA)	220
K-1500-EHFA	Handsfree Elevator Phone (non-ADA)	220

## Analog Line Sharing

- Routes both incoming and outgoing calls
- Priority to emergency devices
- Incoming calls routed to one of two ports by distinctive ring or quick callback
- Provides a busy signal to the phone port when an emergency device is in use
- Can store-and-forward and rerouting dialer functions
- Emergency callback function maintains line availability for 911 callback



Model	DOD
LS-911	238

## Emergency Voice Module

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



Model	DOD
EV-1	135

## 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 on an analog line
- Use with Viking 1600-IP Series phones to indicate LAN connection failures



Model	DOD
LV-1K	246

## Smart Line Sharing Device

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



Model	DOD
LSD-2	262

## 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



# Area of Refuge Signs and Accessories

Compliant with IBC, ADA, NFPA, and ICC Requirements



ARS-TB100



ARS-IB100



ARS-DLB100



ARS-DRB100



VE-ARSW

**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.

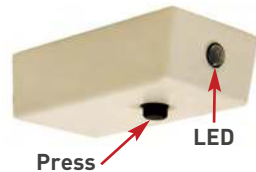
Model	Description	DOD
ARS-DLB100	Blue left arrow directional sign	235
ARS-DRB100	Blue right arrow directional sign	235
ARS-IB100	Blue instructional Braille and raised letter sign	235
ARS-TB100	Blue tactile Braille and raised letter sign	235
VE-ARSW	Command center cabinet	237

**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.

- 20 gauge galvanized steel cabinet
- Gloss white powder coat finish
- Mounting studs for any standard wall phone
- Lock with breakaway cam and two keys

## 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



Model	DOD
PB-1	233

## 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

## 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 through 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



## 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

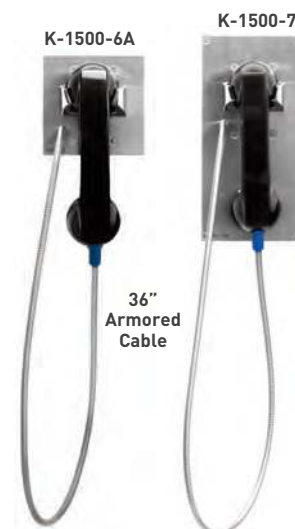
## Analog (No Dial) Panel Phones

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 27) or **SR-1** (page 23), each sold separately

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



## Analog Hot-Line Panel Phone

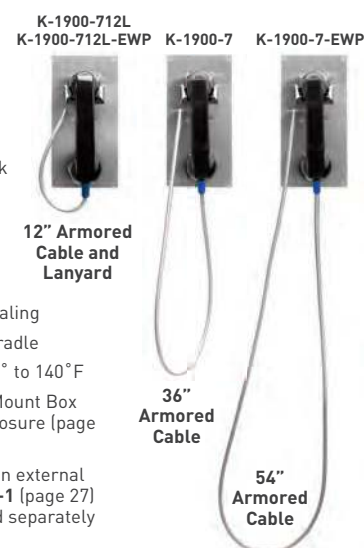
The **K-1900-7 Series** panel phones will auto-dial a 1-32 digit programmable phone number each time the handset is lifted. The unit can touch tone or pulse dial and will not auto-dial on incoming calls.

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.

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

- 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 27) or **SR-1** (page 23), each sold separately



## Analog Panel Phone with Keypad

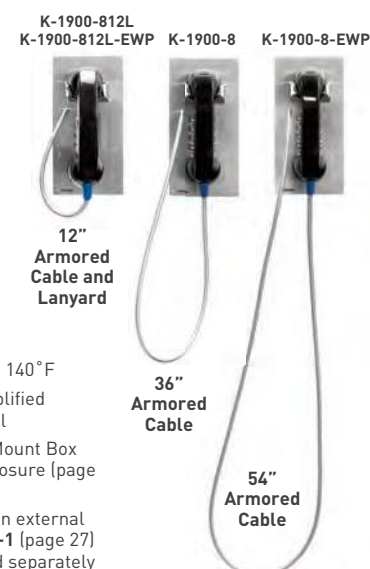
The **K-1900-8 Series** panel phones can either auto-dial a phone number each time the handset is lifted, be used as a multi-number auto-dialer, or be used as a standard (manual dial) phone. The unit will touch tone or pulse dial and will not dial on incoming calls.

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.

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

- 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 27) or **SR-1** (page 23), each sold separately





## VoIP Panel Phones with Dialer



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.

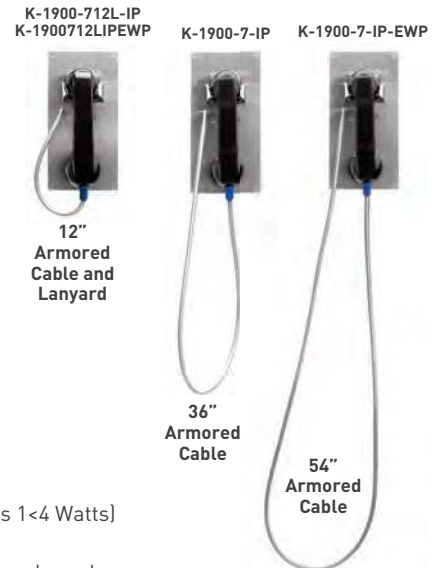
When a call initiated by the panel phone is answered by an apartment or business tenant, a built-in relay may be activated to control an electric gate or door strike. The relay can also be programmed to activate whenever the phone is off hook, ideal for controlling cameras, etc.

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.

- **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

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.

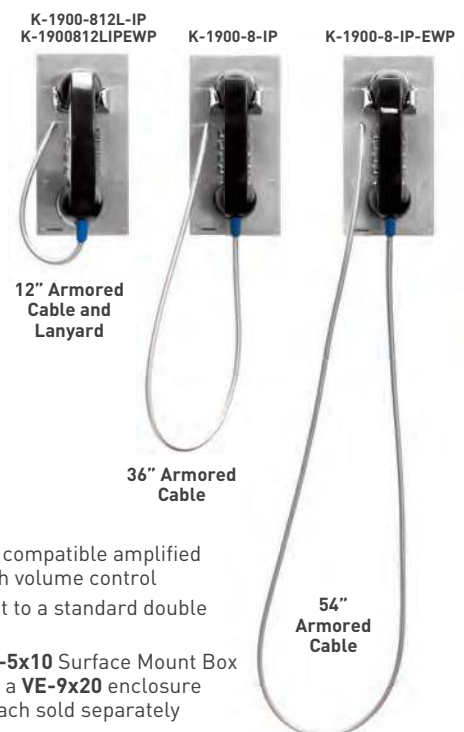
The **K-1900-8-IP Series** phone can dial up to 250 programmable numbers and another 250 rollover numbers. When a call initiated by the panel phone is answered by an apartment or business tenant, a built-in relay may be activated to control an electric gate or door strike. A request for exit (REX) input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

- 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

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

## Single Number Dialer Hot-Line Phones

### Auto Dialing Emergency / Courtesy 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. The products may 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 (see below)
- Operates on a CO line, analog PABX station, or FXS port
- Optional **Q170600 RINGER** can be added (see below)

Model	Description	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



#### Applications:

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

## Dialer Network

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

Model	Description	DOD
K-1900-6	Dialer Network Board	360



### Free Programming (100 Unit Minimum)

Viking will program hot-line phones or dialers with any number up to 32 digits or pauses, at no charge (minimum qty 100).

To learn more, call: 715-386-8861

## Electronic Ringer

- Add to the Viking **K-1900W-2** or **K-1900D-2**
- Provides a loud warble each time ring voltage is detected
- Phone line powered

Model	Description	DOD
Q170600 RINGER	Electronic Ringer	834



### Custom Colors for Hot-Line Phones

ANY Pantone color!

Minimum quantity  
144 units

Call for more info:  
(715) 386-8861



## Dial-Less Phones with Ringers

### Ringdown, Courtesy or Emergency Phone Applications

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.

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



## 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

# SIP / Multicast Paging Adapter with Amplifier

The **PA-IP** is a SIP and/or Multicast Paging Adapter that provides an interface between VoIP phone systems (hardware or hosted /cloud based) and analog paging systems. The adapter eliminates the need for an ATA or FXS port. The **PA-IP** can be used for standard SIP endpoint paging and/or multicast paging and multicast background music. The unit easily connects with a single CAT 5/6 cable from your PoE switch.

- SIP endpoint and/or multicast group member
  - PoE powered (class 3, <13 Watts)
  - Paging prioritization
- Supports up to 10 multicast paging groups
  - Relay for activating door locks, strobe lights, external amplifiers, etc.
  - Built-in high efficiency 6 Watt class D amplifier can drive up to 6 analog 8 Ohm speakers
  - Line-level output to connect external amplifier
  - Line-level input for background music or mass notification

Model	DOD
PA-IP	505



- Network downloadable firmware
- Access code to prevent unwanted SIP calls
- Autoprovisioning via Viking programming software

# IP Speaker for SIP Endpoint and/or Multicast Paging

The **40-IP** Speaker enables SIP endpoint paging and also allows for standard paging and background music via multicast. The **40-IP** easily connects with a single CAT 5/6 cable from your PoE switch. Its shallow depth allows the speaker to be conveniently mounted in a standard 2" x 4" stud wall or ceiling.

- SIP endpoint and/or multicast group member
  - Supports up to 10 multicast paging groups
  - PoE powered (class 3, <13 Watts)
  - Paging prioritization
- Built-in high efficiency 6 Watt class D amplifier can drive up to 5 additional analog 8 Ohm speakers
  - Line-level audio input and line-level audio output for connecting to an external amplifier
  - Network remote speaker volume control
  - Autoprovisioning via Viking programming software
  - Dimensions: 11" diameter x 4" total depth

Model	DOD
40-IP	503



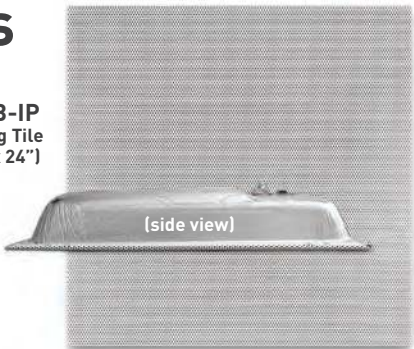
# SIP / Multicast Talk-Back Speakers

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
  - Automatic Noise Canceling (ANC) for operation in noisy environments
  - Viking's proprietary VOX switching eliminates the need for "Push to Talk"
  - Auto-answer feature for monitoring
  - Built-in 6 Watt class D amplifier
- Can drive up to 5 external analog speakers for greater coverage
  - Relay for activating 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

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

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



### 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 or speakers

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

Model	DOD
PA-2A	485

The **PA-2A** includes one **25AE** paging horn and power supply. For additional ceiling speakers and paging horns use models **25AE**, **30AE**, **35AE**, **40AE**, and **300AE** (see page 22 for specifications).



## 15 Watt Telecom Paging Amplifier

- For Centrex, PABX, FXO and FXS applications
- Drives up to (15) 8 Ohm paging horns or speakers

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

Model	DOD
PA-15	486

For ceiling speakers and paging horns use models **25AE**, **30AE**, **35AE**, **40AE**, and **300AE** (see page 22 for specifications).



## 30 Watt Telecom Paging Amplifier

- For PABX and FXO applications
- Drives up to (30) 8 Ohm paging horns / speakers or (50) 70V or 25V speakers

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. 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. Power supply included.

Model	DOD
PA-30	489

For ceiling speakers and paging horns use models **25AE**, **30AE**, **35AE**, **40AE**, **300AE**, **25AE-70V**, and **30AE-70V** (see page 22).



## 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

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. Two zones can also be helpful for installations in which one group of speakers is connected to a source that provides background music using the Viking **PI-1A** (page 21) paging interface unit, and the other zone provides only paging. 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.

Model	DOD
PA-60	493

For ceiling speakers and paging horns use models **25AE**, **30AE**, **35AE**, **40AE**, **300AE**, **25AE-70V**, and **30AE-70V** (see page 22).



## 250 Watt Power Amplifier » PA-250 & PA-250-IP | [See website for info](#)

# Self-Amplified Paging System

The **SA-25** Self-Amplified Paging control unit interfaces with virtually any 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** control unit is backwards compatible with the older Legacy Valcom® and Bogen® 4-wire self-amplified speakers.

The **SA-25** can directly 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.

Model	DOD
SA-25	520

SA-25 Brochure DOD 902



# Infrared Remote for Self-Amplified Paging System

Model **SA-1R** is a three button infrared remote control for use with model **SA-1S** and **SA-1H** self-amplified paging speakers (below).

Model	DOD
SA-1R	527

Aim the infrared transmitter at the speaker. The up / down buttons allow users to set the appropriate volume level for each room, while the mute button eliminates just background music or all sounds.



# Remote Controlled Self-Amplified Speaker

Model **SA-1S** is an 8 inch paging speaker that has a built in 1.5 Watt power amplifier, an infrared remote control detector, and an integrated digital volume control, all built into an attractive off-white grill for flush mounting in office ceilings. The **SA-1S** self-amplified paging speaker uses a proprietary two wire protocol in which both 40 Volts DC power and audio are combined on the same pair of wires. Connect only to Viking model **SA-25** controller or use the **SA-X12** expander to connect to any paging system.

Model	DOD
SA-1S	525



# Remote Controlled Paging Horn

The Viking model **SA-1H** is a 5 inch paging horn that includes a 1.5 Watt power amplifier, an infrared remote control detector, and an integrated digital volume control. The **SA-1H** self-amplified paging horn uses a proprietary two wire protocol in which both 40 Volts DC power and audio are combined on the same pair of wires. It is designed for direct connection to the Viking model **SA-25** Controller or **SA-X12** Expander.

Model	DOD
SA-1H	526



# Self-Amplified Paging Adapter

Model **SA-X12** is a cost effective way to expand an existing paging system while adding remote control. Connect the **SA-X12** to any existing paging audio (600 Ohms, 25V, 70V, 4, 8, or 16 Ohms or an **SA-25** controller) and add up to (12) **SA-1S** or **SA-1H** speakers. Power supply included.

Model	DOD
SA-X12	529





## Anti-Feedback Paging Interface

- Eliminate the feedback "squeal" when paging
- Compatible with paging ports or trunk (FX0) 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 (FX0) 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



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

Model	DOD
K-600F	476

## 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: FX0 (loop start), FXS (ring trip) or paging port (VOX relay) interface mode
- 30V talk battery for use with an FX0 port or unused trunk input



Model	DOD
FXI-1A	483

- 600 Ohm paging output - mutes music during page

## Page Port / Trunk Input / FX0 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 FX0 port.

- Provides talk battery for connecting to an unused trunk input or FX0 port
- Power supply included



Model	DOD
PI-1A	491

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

## Audio Isolation Board

- Eliminate ground loop hum in paging systems
- Consolidate two audio sources into one
- Excellent sound quality
- Daisy chain a paging system speaker output into a second power amplifier's input
- Inputs available on screw terminals, RCA jack, and modular jack
- Outputs available on screw terminals and RCA jack



Model	DOD
AIB-1	259

- Line level output
- Wall mount with foam tape and screws

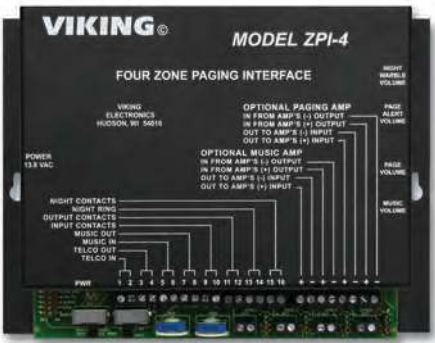
## Zone Paging Controller

- 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

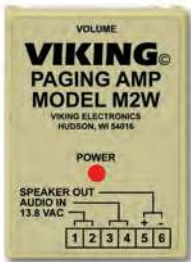
The **ZPI-4** is compatible with ringing analog PABX/KSU/FXS station ports as well as unused trunk/FX0 port inputs, and will interface directly with standard paging ports.



## 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)

## 70 Volt Paging Speakers and Horns



- 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	472

## 8 Ohm Paging Speakers and Horns



- 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

## 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



**Model** **DOD**  
**SR-1** **477**

- Power supply included

## SIP Loud Ringer with LED

- Automatic Gain Control (AGC) compensates for ambient noise
- PoE powered (class 2, < 6.5 Watts)
- SIP Compliant
- Relay output to trigger remote **SL-2** Strobe Light or **LPL-1** Visual Ring Indicator (not included)
- Remote volume control from PC



**Model** **DOD**  
**SR-IP** **577**

- LED flashes for visual ring indication

## 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

Provides your 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**

A door chime is also available for night ring or doorbell. These sounds can be activated remotely via a telephone using Viking **RC-3** (page 41). Use with the **DVA-2WA** (page 28) for timed announcements. Power supply included.



## 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** is a digital mass notification announcer, capable of providing up to 2 minutes of digitally recorded voice emergency instructions and alert tones over your existing paging system. When activated, the **DNA-510** will interrupt any current paging or background music and inject alert tones, emergency instructions, or a live page over your paging system. Power supply included.

**Model** **DOD**  
**DNA-510** **492**

Compatible with the Viking **PA-2A**, **PA-15**, **PA-30**, **PA-60** (page 19) or any paging amplifier.



## Add Paging and Door Chimes to Your Audio System

Both the **SLP-1** and **SLP-4** Paging Controllers 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-1** and **SLP-4** connect in series with a single existing phone line and features a built-in 2 Watt amplifier, stereo pre-amp output, music on hold input, intercom features, and selectable loud ringing. Power supply included.

The **SLP-4** also provides inputs for 4 lighted doorbell switches. The inputs select different sounds from a library of preloaded recordings or users may record their own sounds. 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**

The **SLP-4** allows you to select from 8 preloaded CD quality sounds or download your own custom WAV files via a USB port.



SLP-1



SLP-4



# 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 download, 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 1/4 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".

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



## Digital Clocks

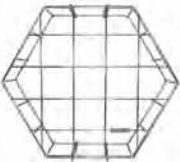
Wireless bright digital clocks require 120 Volt AC outlet (power supply included). The clocks are updated every minute from the **CTG-2A**. Viking offers a digital clock with a 2.5" tall display (**CL-D2**) and a 4" tall display (**CL-D4**). Shown with optional double mount bracket **CL-DMD2** or **CL-DMD4**.



## 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**.

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

## Phone Line Powered Remote Access Device

- Programmable security code and access code
- Separate 600 Ohm audio and telephone line output
- Programmable call timer and silence time-out
- Relay contacts available for systems that need a dry contact closure

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

The **RAD-1A** answers on the first ring and disconnects on CPC, call time out, silence time out, busy, or by dialing #7. Separate 600 Ohm audio and telephone line outputs are provided, allowing connection to audio amplifiers, digital announcers, or phone systems.

Model	DOD
RAD-1A	410



## 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. The home based employee hears a special tone when answering and has the option of taking the work related call. Remote call center personnel can "Log-In" and "Log-Out" or change their forwarding number as their location changes. Using touch tones, remote workers can use phone system features to transfer the call to another extension or voice mail, start a conference call, generate a page or any other feature available to an analog PABX / KSU extension.

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

Model	DOD
RAD-AMP	415

As a Call Diverter, the **RAD-AMP** provides call forwarding from one location to another. After detecting an inbound call, the **RAD-AMP** accesses a second phone line, dials a pre-programmed touch tone number, and then bridges the two lines.



### Modes of Operation

- Telecommuting Extender
- Line Extender
- Call Diverter

## 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 (up to 240 with 10 units) or phone lines by dialing a two to four digit code from any supervisory phone. The station being monitored hears nothing; however, a supervisor can quickly enter the conversation by dialing a "\*". A record control output permits selective recording by simply dialing a "9". Alternatively, all monitored conversations may be recorded.

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

Model	Description	DOD
SO-24A	Service Observation Unit	690
SO-24 AK	Digital Adapter Kit	819

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



SO-24A

## Automated Call Attendant



The **ACA-1A** is a single-port Automated Attendant with a user recordable digital voice announcer. One minute of non-volatile digital memory is available to provide a greeting and a menu of up to 10 departments or extensions.

Model	Description	DOD
ACA-1A	Call Attendant	005

## Door Bell Panels



DB40-BN DB40-WH

- Fits any standard single gang box
- Panels are made from durable plastic
- Weather resistant gasket included
- Screw terminals on button for easy wiring
- Use with the Viking model **VE-3x5** enclosure for surface mounting, sold separately (page 33)

Model	Finish	DOD
DB40-BN	Dark Brown	189
DB40-WH	Off-White	189

## 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	Description	DOD
HD-1	Handset Dialer	405

## Speaker Volume Control

Adjust the volume of individual paging horns, ceiling or wall speakers. Compatible with Viking one-way paging amplifiers or any 8 or 16 Ohm or 25 Volt paging system. Mounts in standard single gang electrical box.



Not recommended for two-way (talk-back) paging applications.

Model	Description	DOD
SV-5W	Volume Control	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. The **NS-1** has 24" wires and comes with two quick connectors.

Model	Description	DOD
NS-1	Toggle Switch	540

## 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.

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

## 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	Description	DOD
PTR-1	Telecom Recorder Kit	438

## Making it easier...

Replaceable parts for our products can be purchased securely through our online Spare Parts store.

Don't see what you need?

Call us with questions:

**715-386-8861**

## 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	Description	DOD
TR-1	Toll Restrictor	705



## 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.

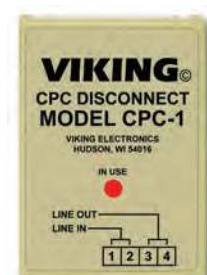
Features selectable time delay and LED status indicator. Power supply included.



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 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.



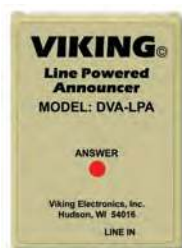
The **AR-1** has up to 12 minutes of record time and up to 8 different messages can be recorded. The unit also offers distinctive/custom ring patterns.

Model	DOD
AR-1	105

## Phone Line Powered Announcer

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

The **DVA-LPA** will answer the incoming call, play a pre-recorded message and then disconnect.



Model	DOD
DVA-LPA	128

## Digital Voice Announcer with 7.5 Minutes of Record Time

- 2 Watt amplifier for use in conjunction 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.

- 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

**Customer Favorite Application:**  
Play Brahms Lullaby over a paging system to announce a new birth!  
For more info, see DOD 865.

## 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 (see below)
- 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

**Hotel / Motel Wake Up Application:**  
See model **PB-100** (page 40)

## Standard Carbon Handset

For voice recording on select Viking products.

Model	Description
Q171030	Carbon Handset



## Memory Expansion Chip

Expand record memory of the **DVA-3003**.

Model	Description	DOD
ERAM-60	1 Minute Expansion Chip	813



Use with model **DVA-3003**

## 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.

### Applications

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

Model	DOD
DLE-200B	605

## 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:**  
7,000 feet using  
24 gauge twisted pair

## 4 Port Auto Routing Switch

- 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

## Talk Battery and Ringing Power Supply

The **PS-48-RGA** power supply provides talk battery plus standard ring voltage where and when needed. Housed in a convenient wall mount enclosure, the **PS-48-RGA** comes complete with a plug-in power supply. The **PS-48-RGA** will provide telephone communication equipment with 48V DC talk battery.

In addition, the **PS-48-RGA** will produce 90V 20 Hz sine wave ring voltage rated up to 10 REN. This allows a phone system to sequence up to 30 ringing phones.



### Applications Include

- Electronic Key Systems
- Paging systems
- OPX's

Model	DOD
PS-48-RGA	515

## 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.



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

Model	DOD
PF-6A	680

## 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



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

Model	DOD
GLS-12	570



## 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:



Go to: [www.VikingElectronics.com](http://www.VikingElectronics.com) and click on Spare Parts

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:



Go to: [www.VikingElectronics.com](http://www.VikingElectronics.com) and click on Spare Parts

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



### Applications:

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

Model	DOD
SC-911	236

## 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.



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

Model	DOD
VR-1B	697

## 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

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.

- Finishes: Heavy duty 16 gauge steel that is primer powder coated then top coated with textured black or red powder paint 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 page 33 for more info)



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-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-PNL Series Blank Panel Boxes

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** is compatible 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-NR	Black	No Rain Guard	424
VE-5x5-PNL-NR-RD	Red	No Rain Guard	424
VE-5x5-PNL-NR-SS	Stainless	No Rain Guard	424

## VE-6x7 Series Surface Mount Boxes

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 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 page 33 for more info)



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

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 for more info).



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-NR-SS	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)



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).



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 44).

- 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.

### Applications Include:

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



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



# 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



## 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):

<b>W-1000</b>	<b>W-3000</b>
<b>W-1000-EWP</b>	<b>W-3000-EWP</b>
<b>W-2000A</b>	<b>W-3005</b>
<b>W-2000A-EWP</b>	<b>W-3005-EWP</b>

## 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
- Brushed 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)

## 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.

# 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\*\*
- Comes standard with Enhanced Weather Protection (EWP)

Model	DOD
PRX-5	224



## 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



## 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 6 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 ABLLOY 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.



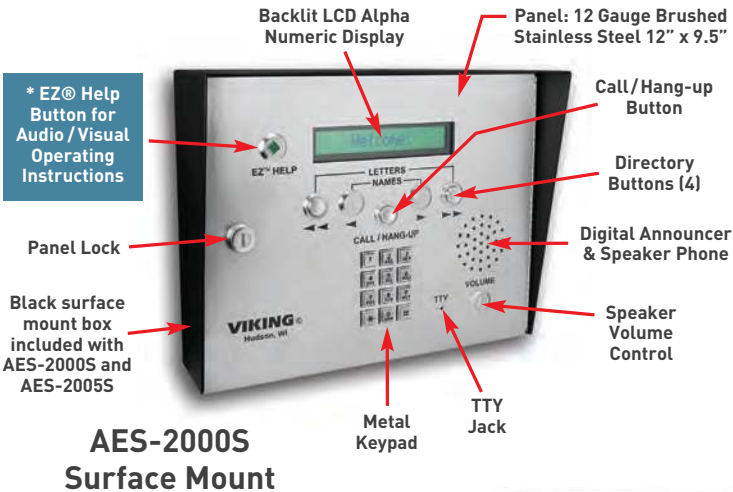
# Accessible Entry System

## 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)



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



Model	Description	Camera		DOD
		Analog	Camera	
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.

Model	DOD
ES-3	195

- 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



# 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, hotel/motel wake up dialer or design your own voice announcer, message center, etc. Power supply included.

- Windows compatible software included
- Remote programming of **AES-2000** Entry System (above)

Model	DOD
PB-100	232

- 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.

Model	DOD
RC-2A	160

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.



## Remote Controller for 3 Relays

- Operational commands can be 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.

Model	DOD
RC-3	165

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.



## 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





## 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.



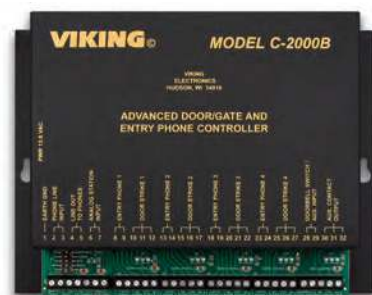
## Four Entry Phone/Relay Controller

- 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.



# Entry Phones

## Features

- Analog or VoIP interface
- Easy one button push operation
- Remotely programmable
- Programmable maximum call length
- Selectable auto-answer feature allows remote monitoring
- Adjustable microphone 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)

## Analog Models

- Telephone line powered
- 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
- Button will place / hang-up a call
- Adjustable microphone and speaker volume
- Programmable maximum call length
- Selectable auto-answer feature allows remote monitoring
- Programmable VOX (mic / speaker) switching speed
- Wide operating temperature range: -30°F to 150°F

## VoIP Models

- 2 Amp relay contacts for door or gate control
- SIP compliant
- PoE powered (class 1, <4 Watts)
- Automatic Noise Canceling (ANC) for proper operation in noisy environments
- Polling and programming software included
- 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
- Remotely programmable
- Wide operating temperature range: -40°F to 140°F

Model	Analog	VoIP	EWP	Camera	DOD
E-10A	•				210
E-10A-EWP	•		•		210
E-10-IP		•			248
E-10-IP-EWP		•	•		248
E-20B	•				210
E-20B-EWP	•		•		210
E-20-IP		•			248
E-20-IP-EWP		•	•		248
E-30	•				212
E-30-EWP	•		•		212
E-30-IP		•			248
E-30-IP-EWP		•	•		248
E-32	•				212
E-32-EWP	•		•		212
E-32-IP		•			248
E-32-IP-EWP		•	•		248
E-35	•			•	178
E-35-EWP	•		•	•	178
E-35-IP		•		•	251
E-35-IP-EWP		•	•	•	251
E-30-PT	•				214
E-30-PT-EWP	•		•		214



### E-10A / E-10-IP

- Heavy-duty black aluminum faceplate (5.0" x 5.0")
- Flush mount
- Optional Surface Mount Boxes



### E-20B / E-20-IP

- Impact resistant UV stable light gray plastic chassis
- Dimensions: 5.5" x 4.5"
- Surface mount only



### E-30 / E-30-IP

- Heavy-duty brushed 316 stainless steel faceplate (5.0" x 5.0")
- Flush mount
- Optional Surface Mount Boxes



### E-35 / E-35-IP

- Built-in analog video camera
- Heavy-duty brushed 316 stainless steel faceplate (5.0" x 5.0")
- Optional Surface Mount Boxes



### E-30-PT

- "Push-to-Talk" button
- For use in very noisy areas
- Heavy-duty brushed 316 stainless steel faceplate (5.0" x 5.0")
- Optional Surface Mount Boxes



### E-32 / E-32-IP

- Heavy-duty brushed 316 stainless steel faceplate (5.0" x 5.0")
- Flush mounts in a standard double gang box

## Compact Analog Color Video Camera Kits



VCAM-1

The VCAM-1 features tilt and swivel adjustment, stainless steel mounting hardware, potted circuit board, 12VDC adapter / wire connections. For IR illuminator compatibility use model VCAM-11R.

## 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



VCAM-2-BN

VCAM-2-SS

Model	Description	DOD
VCAM-1	Analog Color Camera	190
VCAM-11R	IR Analog Color Camera	190
VCAM-2-SS	Stainless Single Gang Panel with Camera	190
VCAM-2-BN	Bronze Single Gang Panel with Camera	190
PNL-VCAM-2-SS	Replacement Faceplate for VCAM-2-SS	190
PNL-VCAM-2-BN	Replacement Faceplate for VCAM-2-BN	190

Features

- Analog or VoIP interface
- Convenient handsfree communication
- Easy one button push operation
- Remotely programmable
- Programmable maximum call length
- Selectable auto-answer feature allows remote monitoring
- Adjustable mic and speaker volume
- Enhanced Weather Protection (EWP) models available, designed to meet IP66 Ingress Protection Rating
- Optional Surface Mount Boxes available (see pages 32-33, sold separately)

Analog Models

- Telephone line powered
- 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
- Adjustable mic and speaker volume
- Programmable maximum call length
- Selectable auto-answer feature allows remote monitoring
- Programmable VOX (mic/speaker) switching speed
- Operating temperature: -30° F to 150° F

Compatible Viking Controllers

- C-200 (page 42)
- C-250 (page 42)
- C-500 (page 42)
- C-2000B (page 42)
- SRC-1 (page 41)

VoIP Models

- 2 Amp relay contacts for door or gate control
- SIP compliant
- PoE powered (class 1, <4 Watts)
- Automatic Noise Canceling (ANC) for proper operation in noisy environments
- Network downloadable firmware
- Programmable to dial up to 5 numbers on busy or ring no answer
- Hangs up on busy signal, time-out or touch tone command
- Remotely programmable
- Operating temperature: -40° F to 140° F

Models on pages 44-45 available in these finishes:



THESE AREN'T  
YOUR STEREOTYPICAL  
**ENTRY PHONES.**

With four great finishes, a Viking Entry Phone will coordinate with any place, at any time.

Analog Single Gang Entry Phones

Model	Finish	Analog	EWP	Camera	DOD
E-40-SS	Stainless	•			187
E-40-SS-EWP	Stainless	•	•		187
E-40-BN	Bronze	•			187
E-40-BN-EWP	Bronze	•	•		187
E-40-WH	White	•			187
E-40-WH-EWP	White	•	•		187
E-40-BK	Black	•			187
E-40-BK-EWP	Black	•	•		187
E-50-SS	Stainless	•		•	191
E-50-SS-EWP	Stainless	•	•	•	191
E-50-BN	Bronze	•		•	191
E-50-BN-EWP	Bronze	•	•	•	191
E-50-WH	White	•		•	191
E-50-WH-EWP	White	•	•	•	191
E-50-BK	Black	•		•	191
E-50-BK-EWP	Black	•	•	•	191



E-40 Series

- Vandal resistant 18 gauge 304 stainless steel faceplate
- Blue LED helps locate the push button, as well as indicate ringing and off-hook
- Compact size 4.87"H x 3.12"W x 1.7"D
- 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 (Brushed Stainless Steel finish)



E-50 Series

- Built-in color composite video camera with 420 lines of resolution
- Audio and video transmission on one CAT 5e cable
- Compact size 4.87"H x 3.12"W x 1.7"D
- Flush mounting in a standard single gang box
- Optional **VE-3x5** surface mount box (page 33)
- Camera power supply included
- Replacement faceplates available in all finishes, see DOD 192

E-50-BN (Oil Rubbed Bronze finish)



# Analog and VoIP Double Gang Entry Phones

For Features and Operation see page 44



E-60-SS (Brushed Stainless Steel finish)

## E-60 / E-60-IP Series

- VoIP or Analog models available
- Vandal resistant 18 gauge 304 stainless steel faceplate
- Blue LED helps locate the push button, as well as indicate ringing and off-hook
- Dimensions: 4.87" x 4.94" x 1.7"
- Flush mount in a standard double gang box
- Optional Surface Mount Boxes available (page 32, sold separately)
- Replacement faceplates available in all finishes, see DOD 209

Model	Finish	Analog	VoIP	EWP	DOD
E-60-SS	Stainless	•			206
E-60-SS-EWP	Stainless	•		•	206
E-60-SS-IP	Stainless		•		250
E-60-SS-IP-EWP	Stainless		•	•	250
E-60-BN	Bronze	•			206
E-60-BN-EWP	Bronze	•		•	206
E-60-BN-IP	Bronze		•		250
E-60-BN-IP-EWP	Bronze		•	•	250
E-60-WH	White	•			206
E-60-WH-EWP	White	•		•	206
E-60-WH-IP	White		•		250
E-60-WH-IP-EWP	White		•	•	250
E-60-BK	Black	•			206
E-60-BK-EWP	Black	•		•	206
E-60-BK-IP	Black		•		250
E-60-BK-IP-EWP	Black		•	•	250

# Analog Double Gang Entry Phones

For Features and Operation see page 44

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



E-65-SS shown in VE-5x5 Surface Mount Box (sold separately)

## E-65 Series

- Built-in color composite video camera with 420 lines of resolution
- Audio and video transmission on one CAT 5e cable
- Dimensions: 4.87" x 4.94" x 1.7"
- Flush mount in a standard double gang box
- Shown in optional VE-5x5 Surface Mount Box (page 32, sold separately)
- Camera power supply included
- Replacement faceplates available, see DOD 201



## E-70 Series

- Built-in 125KHz compatible 26-bit Wiegand proximity reader, see page 38 for additional compatible Viking products
- Dimensions: 4.87" x 4.94" x 1.7"
- Flush mount in a standard double gang box
- Optional Surface Mount Boxes (page 32)
- Replacement faceplates available, see DOD 200

E-70-WH (Satin White finish)



## E-75 Series

- Built-in color composite video camera with 420 lines of resolution
- Audio and video transmission on one CAT 5e cable
- Built-in 125KHz compatible 26-bit Wiegand proximity reader, see page 38
- Dimensions: 4.87" x 4.94" x 1.7"
- Flush mount in a standard double gang box
- Optional Surface Mount Boxes (page 32)
- Replacement faceplates available, see DOD 221

E-75-BK (Textured Black finish)

## IP Entry Phones with HD Video



**X-35-SS**

14 Gauge Marine Grade  
316 Stainless Steel with  
#4 Brushed Finish



**X-35-BK**

Textured Black Powder  
Painted Stainless Steel



**X-35-BN**

Oil Rubbed Bronze Powder  
Painted Stainless Steel



**X-205-SS**

Marine Grade 316  
Stainless Steel with  
#4 Brushed Finish

Model	Finish	VoIP	EWP	Camera	DOD
X-35-SS	Stainless	•	•	•	370
X-35-SS-EWP	Stainless	•	•	•	370
X-35-BK	Black	•	•	•	370
X-35-BK-EWP	Black	•	•	•	370
X-35-BN	Bronze	•	•	•	370
X-35-BN-EWP	Bronze	•	•	•	370
X-205-SS	Stainless	•	•	•	390
X-205-SS-EWP	Stainless	•	•	•	390
X-205-BK	Black	•	•	•	390
X-205-BK-EWP	Black	•	•	•	390
X-205-BN	Bronze	•	•	•	390
X-205-BN-EWP	Bronze	•	•	•	390

- SIP compliant
- PoE powered (class 2, <6.5 Watts)
- Remotely programmable via Web GUI
- ONVIF Profile S compliant
- H.264 and MJPEG video compression
- Integrated 1080p HD video camera with 126° viewing angle
- Dual-Stream HD video allowing for up to two 1080p video streams
- Selectable video resolutions: 352 x 288, 704 x 526, 720p and 1080p
- Multicast paging compatible
- 2 Amp relay contacts for door strikes, gate controllers, strobe lights, etc.
- Cycles through up to five phone numbers on busy or no-answer
- Blue backlit 316 stainless steel push button switch
- X-35 Series: Flush mounts in a standard double gang electrical box (not included), or can be surface mounted using an optional Surface Mount Box (page 32)
- X-205 Series are designed to be surface mounted
- X-35 Series and X-205 Series are available in 3 finishes: Stainless Steel (SS), Textured Black (BK), and Oil Rubbed Bronze (BN)

## IP Emergency Phones with HD Video

- SIP compliant and PoE powered (class 2, <6.5 Watts)
- Remotely programmable via Web GUI
- Integrated 1080p HD video camera with 126° viewing angle
- H.264 and MJPEG video compression
- Dual-Stream HD video for up to two 1080p video streams
- Multicast paging compatible
- 2 Amp relay contacts for door strikes, gate controllers, strobe lights, etc.

Model	Finish	VoIP	EWP	Camera	DOD
X-1605	Red	•	•	•	380
X-1605-EWP	Red	•	•	•	380
X-1605-32	Stainless	•	•	•	380
X-1605-32-EWP	Stainless	•	•	•	380



**X-1605-32**

**Material:** 14 gauge brushed marine grade 316 stainless steel

**Mounting:** Flush mounts in a standard double gang electrical box (not included), or can be surface mounted using an optional Surface Mount Box (page 32)



**X-1605**

**Material:** 16 gauge steel with durable high visibility textured powder paint

**Mounting:** Surface mount to walls, posts, single gang boxes, or recess mount in elevator phone boxes



# VIKING

## SECURITY BREACH?

## DON'T PANIC



Model PB-3

**VIKING'S GOT YOUR BACK.** Our VoIP Emergency Phone Panic Button can be programmed to automatically deliver a digital announcement identifying the location of the emergency call, offering increased protection for your most important assets: your customers and employees.

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 [vikingelectronics.com](http://vikingelectronics.com)

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800.422.6191 | [jenne.com](http://jenne.com)

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**TELEDYNAMICS**  
800.847.5629 | [teledynamics.com](http://teledynamics.com)

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**TARGET DISTRIBUTING**  
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**CAPITOL**  
800.467.8255 | [capitolsales.com](http://capitolsales.com)

**GOLDCOM, INC.**  
800.788.8848 | [goldcom.us](http://goldcom.us)

**HIGH-TECH COMMUNICATIONS**  
800.256.3010 | [high-techcomm.com](http://high-techcomm.com)

**KGP LOGISTICS**  
800.755.1950 | [kgplogistics.com](http://kgplogistics.com)

**REXEL**  
888.739.3577 | [rexelusa.com](http://rexelusa.com)

**POWER & TEL**  
800.238.7514 | [ptsupply.com](http://ptsupply.com)

**WALKER & ASSOCIATES, INC.**  
800.925.5371 | [walkerfirst.com](http://walkerfirst.com)

**BOETTCHER SUPPLY**  
800.657.5770 | [boettchersupply.com](http://boettchersupply.com)

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