VIKING

2017

Security and Communication

Call: 715-386-8861 info@VikingElectronics.com www.VikingElectronics.com

Viking products are designed, manufactured, and supported in the USA!

In 1969 the United States of America landed men on the moon, the Boeing 747 made its inaugural flight, and Don Springer started Viking Electronics in Hudson, Wisconsin. The US has not visited the moon since 1972, and the original design of the 747 has long been retired, but Viking Electronics still brings you reliable POTS devices along with new IP products for the ever changing telecommunications landscape.

Looking through Viking catalogs from the past, you will find products that we still manufacture today. You will also find plenty of new ideas in every catalog because we are continually designing products using the latest technology. Every Viking product is designed by our team of engineers, built by our production workers, fully tested by our quality assurance department, packaged and shipped by our shipping staff, recommended by our sales people, and supported by our technical support group right here in our facility in Hudson, Wisconsin.

Viking and its employees take great pride in offering quality products that are made in the USA. Our two year warranty reflects the confidence we have when we build and ship our products into the field. If you have issues with a Viking product, call our free technical support department for advice. If our experienced technicians cannot answer your question, they can walk over to the engineering department and speak directly with the designing engineer to get you an answer to your problem or installation question.

Whether you have used Viking products for many years, or if this is the first time you have received one of our catalogs, we hope you find the products you need inside or on our website. If you can't, then give us a call, and we will help you find the right solution.

Thank you for being a loyal Viking customer!

How to Contact Us:

Call: 715-386-8861
Fax: 715-386-4344
Email: info@VikingElectronics.com
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Two Year Limited Warranty

We know you buy Viking products because they do the job and because we support you with the best-in-industry U.S. based technical support. Here's another reason to choose Viking products: a Two Year Limited Warranty.

Use our longer warranty as a selling point when you're quoting Viking products. Or consider the value of a longer warranty when you're evaluating proposals from other suppliers. For a copy of the Viking Two Year Limited Warranty, go to www.vikingelectronics.com and enter 101 in the Document On Demand (DOD) search box.

Free American Product Support

When you call Viking for product support, you'll be talking to a professional located right here in our Hudson, Wisconsin plant - not half way around the world. Our Product Support is available to installers who are on-site servicing or installing a Viking product.

Call: 715-386-8666
Monday to Friday: 8:00am - 5:00pm Central Time
E-mail: ProductSupport@VikingElectronics.com

What is "Document On Demand"?

Viking's online "Document On Demand" (DOD) makes it quick and easy for you to get the information you need. Simply enter a DOD number in the box at the top of Viking's homepage for a direct link to a PDF. All Viking catalogs and literature have DOD numbers for each product. We also assign DOD numbers for important information such as Application Notes, Warranty, etc.

Connect with Viking:

TABLE of CONTENTS

EMERGENCY PHONES 6-12

Analog and VoIP ADA Compliant Emergency Phones 6-9
Red / Yellow / Blue Surface Mount Phones 7
Tower Phones with Strobe Light 7
Vandal Resistant Phone 7
Panel Phones 8
Emergency Phone Kit 9
Double Gang Mount Phone 9
No-Chassis Phones 9
Analog to VoIP Conversion Kit 9
Elevator Emergency Phone 9
Vandal Resistant Speaker Phones 10
Push-to-Talk Speaker Phone 10
Line Sharing 11
Line Seizure Relay 11
Line Verification Panel with Key Switch 11
Silent Panic Button Kit 11
Area of Refuge Accessories 12
Line Concentrators 12
Voice Module 12

TELEPHONES 13-15

Hot-Line and Courtesy Phones 13
Single Number Dialer Phones 13
Manual (No-Dial) Phones 13
Electronic Ringer 13
Custom Color Phones 13
Analog Stainless Steel Panel Phones with Handsets 14
VoIP Stainless Steel Panel Phones with Handsets 15

DIALERS 16-17

Touch Tone and Pulse Dialer 16
100 Number Speed Dialer 16
Smart Touch Tone Dialer 16
Alarm Dialers 17
Automated Voice Message Delivery System 17

PAGING PRODUCTS 18-22

Paging Amplifiers 18
Self Amplified Paging System 19
Anti-Feedback Paging Interface 20
Talkback Amplifier 20
Night Bell 20
Telecom Paging Interface 20
Page Port / Trunk Input / FXO / FXS Paging Interface 20
Audio Isolation Board 20
Loud Call Announce / Ringing Amplifier 21
Zone Paging 21
Loud Ringers 21
Paging Speakers, Horns, and Accessories 21
Clock Controlled Tone Generator 22
Mass Notification Announcer 22
Single Line Paging Controllers 22

CLOCK SYSTEMS 23

Master Clock / Networked Clock Control Over Paging 23
Wireless Synchronized Clocks and Accessories 23
RF Transmitter 23

PROBLEM SOLVERS 24-30

Remote Access Devices 24
Service Observation Unit 24
Toll Restrictor 25
Recording Kit 25
Buttons and Switches 25
Call Attendant 25
Privacy Devices 25
Call Sequencer 25
Miscellaneous Gadgets 25
Loop and Ring Detectors 26
Panasonic® Doorphone Station Adapter 26
Loud Ringer 26
Tone Generator 26
Time Delay Relay 26
CPC Disconnect 26
Digital Voice Announcers 27
Automated Receptionist 27
Ringdown Circuits 28
Routing Switch 28
Ground to Loop Start Converter 28
Power Fail Bypass 28
Strobe Lights 29
Telephone Status Indicators 29
Ring Boosters 30
Talk Battery Booster 30
Long Loop Adapters 30

ENCLOSURES 31-32

Outdoor Enclosures 31
Surface Mount Boxes 32
Blank Panel Surface Mount Boxes 32
LED Lighting Kit 32
Mounting Accessories 32
Gooseneck Pedestals 32

ACCESS CONTROL 33-43

Door Entry and CCTV Controller 33
Doorboxes 33
12 Button Analog Apartment Entry Systems 34
12 Button VoIP Apartment Entry Systems 34
Analog Entry Phones with Keypads 35
VoIP Entry Phones with Keypads 35
Analog Entry Phones with Keypads and Cameras 35
VoIP Entry Phones with Keypads and Cameras 35
Analog Entry Phones with Proximity Readers 35
VoIP Entry Phone Systems with Proximity Readers 35
Proximity Readers 36
Wiegand Keypads 36
Proximity Cards and Fobs 36
Proximity Entry Controller 36
Wireless Access Control System 36
Apartment / Office Door Entry Dialers / Controllers 37
“No Phone Line” Entry Controller 37
Directories 37
Accessible Entry System 38
Touch Tone Controlled Relays 39
Network Enabled Relay Controller 39
Entry Phone Interface / Controllers 40
Flush Mount Entry Phones 41
Surface Mount Entry Phones 41
Color Video Cameras 41
Single Gang Entry Phones 42
Double Gang Entry Phones 43

PRODUCT INDEX by Model Number

Model Number	DOD	Page
25AE	498	21
300AE	497	21
30AE	498	21
35AE	498	21
40AE	498	21
ACA-1A	005	25
AES-2000F	202	38
AES-2000S	202	38
AES-2005F	204	38
AES-2005S	204	38
AIB-1	259	20
AR-1	105	27
ARS-DLB100	235	12
ARS-DRB100	235	12
ARS-IB100	235	12
ARS-LR100	235	12
ARS-TB100	235	12
BLK-4	654	29
BLK-4-EWP	654	29
C-1000B	168	33
C-200	169	40
C-2000B	156	40
C-250	172	40
C-3000	162	37
C-4000	164	37
C-500	177	40
CL-A12	466	23
CL-A16	466	23
CL-D2	466	23
CL-D4	466	23
CL-DMA12	466	23
CL-DMA16	466	23
CL-DMD2	466	23
CL-DMD4	466	23
CL-RFT	466	23
CL-SMD2	466	23
CL-SMD4	466	23
CL-WGA12	466	23
CL-WGA16	466	23
CL-WGD4	466	23
CPC-1	442	26
CPC-4	444	26
CTG-1	460	22
CTG-2A	464	23
D10	158	37
D22	158	37
D32	158	37
D44	158	37
D56	158	37
D6	158	37
DB40-BN	189	25
DB40-WH	189	25
DLE-200B	605	28
DLE-300	607	28
DNA-510	492	22
DVA-1003B	125	27
DVA-2WA	110	27
DVA-3003	127	27
DVA-500A	115	27
DVA-LPA	128	27
DVA-TNT	129	27
E-10A	210	41
E-10A-EWP	210	41
E-10-IP	248	41
E-10-IP-EWP	248	41
E-1600-02A	215	8
E-1600-02A-EWP	215	8
E-1600-02-IP	255	8
E-1600-02-IPEWP	255	8
E-1600-03B	215	7
E-1600-03B-EWP	215	7
E-1600-03-IP	255	7
E-1600-03-IPEWP	255	7
E-1600-20A	215	8
E-1600-20A-EWP	215	8
E-1600-20-IP	255	8
E-1600-20-IPEWP	255	8
E-1600-22-IP	255	9
E-1600-22-IPEWP	255	9
E-1600-30A	215	8
E-1600-30A-EWP	215	8
E-1600-30-IP	255	8
E-1600-30-IPEWP	255	8
E-1600-32-IP	255	9
E-1600-32-IPEWP	255	9
E-1600-45A	215	7
E-1600-45A-EWP	215	7
E-1600-45-IP	255	7
E-1600-45-IPEWP	255	7
E-1600-50A	215	9
E-1600-50A-EWP	215	9
E-1600-50-IP	255	9
E-1600-50-IPEWP	255	9
E-1600-52A	215	9
E-1600-52A-EWP	215	9
E-1600-52-IP	255	9
E-1600-52-IPEWP	255	9
E-1600-53-IP	255	9
E-1600-53-IPEWP	255	9
E-1600-55A	215	9
E-1600-55A-EWP	215	9
E-1600-55-IP	255	9
E-1600-55-IPEWP	255	9
E-1600-60A	215	7
E-1600-60A-EWP	215	7
E-1600-60-IP	255	7
E-1600-60-IPEWP	255	7
E-1600-65A	215	7
E-1600-65A-EWP	215	7
E-1600-65-IP	255	7
E-1600-65-IPEWP	255	7
E-1600A	215	7
E-1600A-AST2EWP	217	7
E-1600A-AST-EWP	217	7
E-1600A-BLT2EWP	217	7
E-1600A-BLT-EWP	217	7
E-1600A-EWP	215	7
E-1600A-GT-EWP	218	8
E-1600A-MK-GNP	227	32
E-1600AST2IPEWP	249	7
E-1600-ASTIPEWP	249	7
E-1600A-TP2-EWP	218	8
E-1600A-TP-EWP	218	8
E-1600BLT2IPEWP	249	7
E-1600-BLTIPEWP	249	7
E-1600-GT-IPEWP	255	8
E-1600-IP	255	7
E-1600-IP-EWP	255	7
E-1600-TP2IPEWP	255	8
E-1600-TP-IPEWP	255	8
E-20B	210	41
E-20B-EWP	210	41
E-20-IP	248	41
E-20-IP-EWP	248	41
E-30	212	41
E-30-EWP	212	41
E-30-IP	248	41
E-30-IP-EWP	248	41
E-30-PT	214	10
E-30-PT-EWP	214	10
E-32-IP	248	41
E-32-IP-EWP	248	41
E-35	178	41
E-35-EWP	178	41
E-35-IP	251	41
E-35-IP-EWP	251	41
E-40-BK	187	42
E-40-BK-EWP	187	42
E-40-BN	187	42
E-40-BN-EWP	187	42
E-40-SS	187	42
E-40-SS-EWP	187	42
E-40-WH	187	42
E-40-WH-EWP	187	42
E-50-BK	191	42
E-50-BK-EWP	191	42
E-50-BN	191	42
E-50-BN-EWP	191	42
E-50-SS	191	42
E-50-SS-EWP	191	42
E-50-WH	191	42
E-50-WH-EWP	191	42
E-60-BK	206	42
E-60-BK-EWP	206	42
E-60-BK-IP	250	42
E-60-BK-IP-EWP	250	42
E-60-BN	206	42
E-60-BN-EWP	206	42
E-60-BN-IP	250	42
E-60-BN-IP-EWP	250	42
E-60-SS	206	42
E-60-SS-EWP	206	42
E-60-SS-IP	250	42
E-60-SS-IP-EWP	250	42
E-60-WH	206	42
E-60-WH-EWP	206	42
E-60-WH-IP	250	42
E-60-WH-IP-EWP	250	42
E-65-BK	203	43
E-65-BK-EWP	203	43
E-65-BN	203	43
E-65-BN-EWP	203	43
E-65-SS	203	43
E-65-SS-EWP	203	43
E-65-WH	203	43
E-65-WH-EWP	203	43
E-70-BK	207	43
E-70-BK-EWP	207	43
E-70-BN	207	43
E-70-BN-EWP	207	43
E-70-SS	207	43
E-70-SS-EWP	207	43
E-70-WH	207	43
E-70-WH-EWP	207	43
E-75-BK	208	43
E-75-BK-EWP	208	43
E-75-BN	208	43
E-75-BN-EWP	208	43
E-75-SS	208	43
E-75-SS-EWP	208	43
E-75-WH	208	43
E-75-WH-EWP	208	43
ERAM-4M	854	38
ERAM-60	813	27
ES-1	193	36
ES-3	195	38
EV-1	135	12
FAXJ-1000	261	28
FBI-1A	465	20
FXI-1	494	20
GLS-12	570	28
HD-1	405	25
HF-3W	470	20
K-1200	182	34
K-1200-EWP	182	34
K-1200-IP	271	34

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:

- C.O. 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 an injection molded thermoplastic potting compound
- Sealed LED, push button switch and mic 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.

PRODUCT INDEX by Model Number

Model Number	DOD	Page
K-1200-IP-EWP	271	34
K-1205	183	34
K-1205-EWP	183	34
K-1205-IP	272	34
K-1205-IP-EWP	272	34
K-1270	184	34
K-1270-EWP	184	34
K-1270-IP	273	34
K-1270-IP-EWP	273	34
K-1275	194	34
K-1275-EWP	194	34
K-1275-IP	274	34
K-1275-IP-EWP	274	34
K-1500-6A	352	14
K-1500-7	352	14
K-1500-E	220	10
K-1500-EHFA	220	10
K-1500P-D	355	13
K-1500P-D ASH	355	13
K-1500P-W	355	13
K-1500P-W ASH	355	13
K-1600-EHFA	215	9
K-1700-3	157	35
K-1700-3-BN	157	35
K-1700-3-BN-EWP	157	35
K-1700-3-EWP	157	35
K-1700-BN-IP	253	35
K-1700-BN-IPEWP	253	35
K-1700-IP	253	35
K-1700-IP-EWP	253	35
K-1705-3	159	35
K-1705-3-BN	159	35
K-1705-3-BN-EWP	159	35
K-1705-3-EWP	159	35
K-1705-BN-IP	254	35
K-1705-BN-IPEWP	254	35
K-1705-IP	254	35
K-1705-IP-EWP	254	35
K-1770-3	275	35
K-1770-3-BN	275	35
K-1770-3-BN-EWP	275	35
K-1770-3-EWP	275	35
K-1770-BN-IP	257	35
K-1770-BN-IPEWP	257	35
K-1770-IP	257	35
K-1770-IP-EWP	257	35
K-1775-3	280	35
K-1775-3-BN	280	35
K-1775-3-BN-EWP	280	35
K-1775-3-EWP	280	35
K-1775-BN-IP	258	35
K-1775-BN-IPEWP	258	35
K-1775-IP	258	35
K-1775-IP-EWP	258	35

Model Number	DOD	Page
K-1900-3	312	37
K-1900-30	300	16
K-1900-4	315	16
K-1900-5	317	16
K-1900-6	360	13
K-1900-6-IP	363	15
K-1900-6-IP-EWP	363	15
K-1900-7	364	14
K-1900-7-EWP	364	14
K-1900-7-IP	363	15
K-1900-7-IP-EWP	363	15
K-1900-8	362	14
K-1900-8-EWP	362	14
K-1900-8-IP	361	15
K-1900-8-IP-EWP	361	15
K-1900-9	321	16
K-1900D-2	360	13
K-1900D-2 ASH	360	13
K-1900W-2	360	13
K-1900W-2 ASH	360	13
K-2000-DVA	303	17
K-202-DVA	305	17
K-6000-DVA	307	17
K-600F	476	20
LC-3	223	12
LC-6	245	12
LC-8	225	12
LDB-1	406	26
LDB-2	408	26
LDB-3	409	26
LLA-1	615	30
LLA-4	620	30
LM-1A	662	29
LM-24D	670	25
LM-24M	670	25
LM-24S	670	25
LPL-1	640	29
LPR-1	550	26
LRR-4	226	36
LRT-4	226	36
LS-911	238	11
LSD-2	262	11
LSR-1	230	11
LV-1K	246	11
M2W	480	21
MTG-10	482	26
NS-1	540	25
PA-15	486	18
PA-2A	485	18
PA-30	489	18
PA-60	493	18
PAN-1	145	26
PB-1	233	11
PB-100	232	38

Model Number	DOD	Page
PC-7	560	25
PF-6A	680	28
PI-1A	491	20
PJ-14	560	25
PNL-VCAM-2-BN	190	41
PNL-VCAM-2-SS	190	41
PRX-1	221	36
PRX-2	219	36
PRX-3	228	36
PRX-3-MK-GNP	229	36
PRX-3-MK-VEGNP	229	36
PRX-4	199	36
PRX-5	224	36
PRX-C	198	36
PRX-C-ISO	198	36
PRX-FOB	198	36
PS-48-RGA	515	28
PTR-1	438	25
Q170600 RINGER	834	13
RAD-1A	410	24
RAD-AMP	415	24
RC-2A	160	39
RC-3	165	39
RC-4A	582	39
RG-10A	420	30
RG-204	417	30
RG-212	419	30
RG-224	418	30
RG-4	416	30
SA-1H	526	19
SA-1S	525	19
SA-25	520	19
SA-IR	527	19
SA-TBA	534	21
SA-X12	529	19
SC-911	236	29
SL-2	242	29
SL-2-EWP	242	29
SLP-1	478	22
SLP-4	479	22
SO-24 AK	819	24
SO-24A	690	24
SQRG-12	060	25
SR-1	477	21
SRC-1	176	39
SR-IP	577	21
SV-5W	488	21
TBB-1B	632	30
TDR-1	421	26
TG-1	560	25
TG-2	560	25
TMS-12A	070	25
TR-1	705	25
VCAM-1	190	41

Model Number	DOD	Page
VCAM-1IR	190	41
VCAM-2-BN	190	41
VCAM-2-SS	190	41
VE-3x5	424	32
VE-5x10	424	32
VE-5x10-PNL	424	32
VE-5x10-PNL-SS	424	32
VE-5x10-SS	424	32
VE-5x5	424	32
VE-5x5-PNL	424	32
VE-5x5-PNL-SS	424	32
VE-5X5-RD	424	32
VE-5x5-SS	424	32
VE-6x7	424	32
VE-6x7-PNL	424	32
VE-6x7-PNL-SS	424	32
VE-6x7-SS	424	32
VE-9x12B-0	413	31
VE-9x12B-1	413	31
VE-9x12B-2	413	31
VE-9x12MK-1	413	31
VE-9x12MK-2	413	31
VE-9x12R-0	413	31
VE-9x12R-1	413	31
VE-9x12R-2	413	31
VE-9x12Y-0	413	31
VE-9x12Y-1	413	31
VE-9x12Y-2	413	31
VE-9x20B	413	31
VE-9x20B-0	413	31
VE-9x20MK	413	31
VE-9x20R	413	31
VE-9x20R-0	413	31
VE-9x20Y	413	31
VE-9x20Y-0	413	31
VE-ARSW	237	12
VE-GNP	424	32
VE-GNP-2	424	32
VE-GNP-IG	424	32
VE-GNP-SS	424	32
VE-LIGHT	428	32
VE-PBL	413	31
VE-RMB	431	32
VE-SPG	413	31
VR-1B	697	29
W-1000	170	33
W-1000-EWP	170	33
W-2000A	170	33
W-2000A-EWP	170	33
W-3000	170	33
W-3000-EWP	170	33
W-3005	181	33
W-3005-EWP	181	33
ZPI-4	499	21

Integrated Color Video Camera

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

Camera Specifications:

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

Integrated Proximity Card Readers

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

Proximity Specifications:

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

Technologies Supported:

Viking **PRX-C**, **PRX-C-ISO**, **PRX-FOB**, **LRT-4,** see page 36

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

* *HID and the HID logo are registered trademarks of HID Global Corporation, an ASSA ABLOY company. All other trademarks are the property of their respective owners.*
** *AWID is a trademark of Applied Wireless Identification Group.*

ADA Compliant Analog and VoIP Emergency and Elevator 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 11)
- Phone numbers and I.D. announcement stored in non-volatile memory
- Cycles through up to 5 emergency numbers on busy or no answer
- Convenient handsfree communication
- 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
- Alternate action call button to place or cancel a call
- Adjustable microphone and speaker volume
- Programmable maximum call length
- Selectable auto-answer feature allows remote monitoring
- Two way handsfree communication
- 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 38) 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 / gate control, etc.
- SIP compliant and PoE powered (class 1, <4 Watts)
- 28 second I.D. announcement
- Network downloadable firmware
- Temperature range: -40°F to 140°F
- Handsfree operation
- Hangs up on busy signal, time-out, or touch tone command
- Remotely programmable
- Volume adjustments for microphone and speaker

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. The phones are factory programmed to play the announcement once, and then automatically 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/I.T. technician

Designed, Manufactured, and Supported in the USA!

Compact Emergency Phones

For Features and Operation refer to page 6

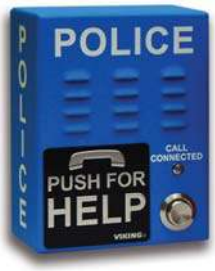
- Material: 16 gauge steel with durable high visibility textured powder paint
- Includes Braille label, “Call Connected” LED, and I.D. Announcement for ADA compliance
- Dimensions: 5.25" x 4.0" x 2.0"
- Mounting: Surface mount to walls, posts, single gang boxes, or recess mount in elevator phone boxes

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-1600-45A	Yellow	•			215
E-1600-45A-EWP	Yellow	•		•	215
E-1600-45-IP	Yellow		•		255
E-1600-45-IPEWP	Yellow		•	•	255

Model	Color	Analog	VoIP	EWP	DOD
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

E-1600A / E-1600-IP

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



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

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

42-Inch Tower Phone with Blue LED Strobe

For Features and Operation see page 6

- High intensity flashing LED strobe light with steady-on beacon option
- 4 programmable flash patterns
- 6 programmable brightness settings
- Strobe: Vandal resistant polycarbonate plastic
- Mounting: Surface mount to rigid wall or post
- Power supply included for strobe
- Tower Chassis: 8 gauge thick aluminum, 3.0" x 6.0" rectangle tube, powder painted high-visibility yellow
- Phone Panel: 14 gauge 316 marine grade stainless steel faceplate with stainless steel button
- Designed to meet IP66 Ingress Protection Rating

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

Enhanced Weather Protection (EWP) comes standard on these Tower Phones, see page 4 for more information on EWP.

Vandal Resistant Handsfree Emergency Phone

For Features and Operation refer to page 6

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

- Material: Heavy duty 14 gauge 316 marine grade stainless steel with a #4 brushed finish
- Mounting: Surface mount to walls, posts, single or double gang boxes or recess mount in elevator phone boxes
- Rugged construction ideal for locations where vandalism can be an issue
- Dimensions: 7.22” x 5.36” x 1.55”

Vandal Resistant Emergency Panel Phone

For Features and Operation refer to page 6

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

- 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"
- Includes Braille label, "Call Connected" LED, and I.D. Announcement for ADA compliance
- Heavy duty panel with laser etched lettering for years of use

Two Button 5" x 5" Stainless Steel Emergency Phone

For Features and Operation refer to page 6

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

- Material: 14 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount with included plastic rough-in box or surface mount with an optional **VE-5x5** Surface Mount enclosure, sold separately (page 32)
- Dimensions: 5.0" x 5.0" x 2.25"
- INFO button dials additional numbers for general information or directions

Stainless Steel Emergency Phone

For Features and Operation refer to page 6

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

- Material: 14 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount with included plastic rough-in box or surface mount with an optional **VE-5x5** Surface Mount enclosure, sold separately (page 32)
- Dimensions: 5.0" x 5.0" x 2.25"
- Includes Braille label, "Call Connected" LED, and I.D. Announcement for ADA compliance

Replacement Phone for Code Blue, GAI-Tronics and Talk-A-Phone Applications

For Features and Operation refer to page 6

- Direct replacement for select GAI-Tronics and Talk-A-Phone panel phones
- Replacing Code Blue tower phones requires redrilling and tapping
- Material: 12 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount to Code Blue, GAI-Tronics and Talk-A-Phone towers, wall mounts, boxes and pedestals
- Enhanced Weather Protection (EWP) comes standard, see page 4

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

Double Gang VoIP Emergency Phones

For Features and Operation refer to page 6

Model	Description	Analog	VoIP	EWP	DOD
E-1600-22-IP	2 buttons		•		255
E-1600-22-IPEWP	2 buttons		•	•	255
E-1600-32-IP	1 button		•		255
E-1600-32-IPEWP	1 button		•	•	255

- Material: 14 gauge brushed marine grade 316 stainless steel
- Dimensions: 5.0" x 5.0" x 2.25"
- Mounting: Flush mount in a standard double gang electrical box or surface mount with an optional **VE-5x5** enclosure, sold separately (page 32)

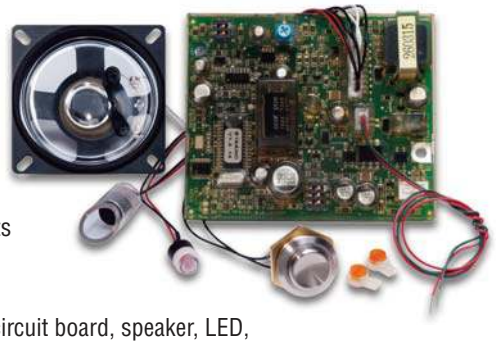
E-1600-22-IP

E-1600-32-IP

Emergency Phone Parts Kit

For Features and Operation refer to page 6

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
- Kit includes: circuit board, speaker, LED, microphone, button(s), and Braille label

Analog to VoIP Conversion Kit

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

For Features and Operation refer to page 6

The **E-1600-53-IP** conversion kit is designed to convert a Viking analog phone 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) and requires no field modifications.

Emergency Phone Kit for Custom Installs

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

For Features and Operation refer to page 6

- 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"

Emergency Phone for an Elevator Phone Box

For Features and Operation refer to page 6

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

Vandal Resistant Speaker Phone with Dialer

For Complete Features and Operation refer to page 41

- Ideal for non-ADA emergency phone applications, or door and gate entry applications
- Dimensions: 5.0” x 5.0” x 2.25”

Model	Analog	VoIP	EWP	DOD
E-30	•			212
E-30-EWP	•		•	212
E-30-IP		•		248
E-30-IP-EWP		•	•	248

- 14 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount with included plastic rough-in box or surface mount with an optional **VE-5x5** Surface Mount enclosure, sold separately (page 32)
- Superior automatic noise cancelling for clear audio - even in loud environments
- Compatible with any of Viking’s **VE-GNP** Gooseneck Pedestals and **VE-LIGHT** when used with a **VE-5x5** Surface Mount enclosure, sold separately (page 32)

What is EWP? For outdoor applications, always use the Enhanced Weather Protection (EWP) version, see page 4.

“Push to Talk” Speaker Phone

- Two wire installation: analog PABX, CO line, or FXS port powered

Model	Analog	VoIP	EWP	DOD
E-30-PT	•			214
E-30-PT-EWP	•		•	214

- Dials up to 5 numbers on busy or ring no answer
- 14 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount with included plastic rough-in box or surface mount with an optional **VE-5x5** Surface Mount enclosure, sold separately (page 32)
- Dimensions: 5.0” x 5.0” x 2.25”

Speaker Phone with Color Camera

For Complete Features and Operation refer to page 41

Model	Analog	VoIP	EWP	Camera	DOD
E-35	•			•	178
E-35-EWP	•		•	•	178
E-35-IP		•		•	251
E-35-IP-EWP		•	•	•	251

- 14 gauge brushed marine grade 316 stainless steel
- Mounting: Flush mount with included plastic rough-in box or surface mount with an optional **VE-5x5** Surface Mount enclosure, sold separately (page 32)
- Dimensions: 5.0” x 5.0” x 2.25”
- Built-in color video camera with tilt and swivel adjustment, see page 5 for more camera info

Emergency Phones for an Elevator Phone Box (non-ADA)

- Two wire install: analog PABX, CO line, or FXS port powered
- Material: 14 gauge red powder painted aluminum
- Mounting: Recess mounts in a standard elevator phone box (10” x 7” x 3”)

Model	Analog	VoIP	EWP	DOD
K-1500-E	•			220
K-1500-EHFA	•			220

- Dimensions: 9.875” x 6.86” x 2.1”
- Model **K-1500-E** features a hearing aid compatible handset with volume control
- Model **K-1500-EHFA** provides two way handsfree communication and features call progress detection for automatic hang-up on CPC, silence, busy signal, or timeout
- Use with a Viking model **K-1900-5** or **K-1900-30** for auto dialing (page 16)

K-1500-E

K-1500-EHFA

Designed, Manufactured, and Supported in the USA!

Analog Line Sharing for IP PBXs / VoIP Phone Systems

The **LS-911** offers a cost-effective, reliable method of handling 911 emergency calls for IP PBXs and networked phone systems. Connected to an FXO port, it lets you enjoy the advantages of conventional analog 911 service, including traceability and 911 callback, without having to dedicate an analog line exclusively for this purpose.

Model	DOD
LS-911	238

911 calls routed to the **LS-911** receive priority, taking the analog line from the fax, card reader, etc., if it is in use. A special recall feature maintains the availability of the line in the event the emergency call is disconnected, so 911 personnel can call back to re-establish the connection.

Smart Line Sharing Device with Inbound Switching Capability

- Routes both incoming and outgoing calls
- Allows an emergency device to share a phone line with other devices (fax machines, phones, modems)
- Gives priority to the emergency devices
- Incoming calls routed to one of two ports by Caller ID, Distinctive Ring, or Call Back
- Status LED displays mode of operation
- Can store up to 12 Caller ID numbers
- Provides a busy signal to the phone port when an emergency device is in use

Model	DOD
LSD-2	262

Line Seizure Relay

- Emergency device can share a line with a phone system
- Modular connections for easy installation

Model	DOD
LSR-1	230

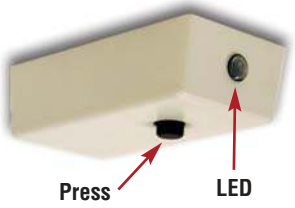
Viking's Emergency Line Seizure Relay allows the Elevator/Emergency phone or alarm dialer to share an existing C.O. line. When the emergency phone or alarm dialer initiates a call, the line is taken away from its normal use and receives new dial tone for the emergency call. Any call in process is disconnected. The **LSR-1** always connects to the emergency device during power failure.

Line Verification Panel with Key Switch

- Complies with ASME A17.1 Elevator Code
- Immediately detects a cut or disconnected phone line
- Allows Viking model **1600A Series** phones to perform daily test for dial tone
- Compatible with **LC-6** Line Concentrator (page 12)
- Works with any analog device on any analog line
- Works with Viking **1600-IP Series** phones to indicate LAN connection failures
- Volume adjustable audible signaling
- Authorized personnel can silence the audible signal with the included key switch
- Mounts in standard double gang electrical box

Model	DOD
LV-1K	246

Silent Panic Button Kit for use with Viking Emergency Phones



The **PB-1** Panic Button is designed to be used in conjunction with a Viking **1600A** or **1600-IP Series** emergency phone (not included). The unit can be discreetly mounted under a desk, counter, etc. When the button is pressed, the phone calls up to 5 numbers and gives a pre-recorded message while the LED lights red to indicate activation.

Model	DOD
PB-1	233

The emergency phone's speaker is disabled but the called party hears everything that is happening at the installation site, making the **PB-1** a very effective security measure.

Area of Refuge Signs and Accessories

Compliant with IBC, ADA, NFPA, and ICC Requirements

ARS-TB100

ARS-IB100

ARS-LR100

ARS-DLB100

ARS-DRB100

The **ARS Series** Area of Refuge Signs are designed to comply with IBC 1007,1011, ADA 4.3.11, NFPA 22, 101 and ICC 703 code requirements. The **ARS-LR100** is an LED Illuminated edge-lit double sided hanging Sign. It is AC powered with 3 hour battery backup. The unit can be ceiling mounted, mounted flat against a wall or end mounted so it can be viewed from either direction. The Instructional, Tactile and Directional signs are made from Acrylic or durable ABS plastic and are designed to adhere to the wall with the provided double sided foam tape.

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-LR100	Lighted double sided wall or ceiling mount sign	235
ARS-TB100	Blue tactile Braille and raised letter sign	235
VE-ARSW	Command center cabinet	237

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. Blue PMS 300 acrylic with non-glare finish, 0.032" thick double sided foam included.

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. Blue PMS 294 ABS with non-glare finish, 0.032" thick double sided foam included.

ARS-LR100: Red LED edge lit wall sign, 120/277V AC power, Included NiCad battery delivers over 3 hours of battery backup, UL listed, universal wall, side or ceiling mounting, silver aluminum housing with mirrored double sided acrylic sign surface, battery test button, AC power LED, Low voltage automatic battery disconnect to prevent deep cycling battery, mounting hardware and 4 optional chevron arrows with mounting templates included.

ARS-DLB100 (left arrow) and **ARS-DRB100** (right arrow): 12" wide x 4" tall directional sign with engraved white text, blue PMS 294 ABS with non-glare finish, 0.032" thick double sided foam included.

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 galvannealed steel cabinet with gloss white powder coat finish
- Mounting studs for any standard wall phone
- Lock with breakaway cam and two keys

Emergency Voice Module

- Emergency/Elevator phone identification for meeting ADA requirements
- Ten seconds of digital record time
- Automatic playback capability
- Phone line powered

Model	DOD
EV-1	135

Three Line Concentrator

- Connects up to 3 emergency phones, or 2 phones can share a line with a phone system
- Fire Floor Phone port provided to meet elevator code
- Auto-answers inbound calls
- Inbound calls can be transferred to any port

Model	DOD
LC-3	223

Six Line Concentrator

- Share up to 6 emergency phones on one line
- Communicate with local and/or remote authorized personnel
- Meets the ASME A17.1 requirements
- Eliminate dedicated lines
- Auto-answers inbound calls
- Separate ports for Fire Floor, Machine Room, and Lobby

Model	DOD
LC-6	245

Eight Line Concentrator

- Share one line with up to 8: emergency phones, elevator phones, modems, credit card readers, standard telephones, etc.
- Eliminate dedicated lines
- Auto-answers inbound calls
- Call waiting
- Paging feature
- Fire floor phone connection
- Battery backup

Model	DOD
LC-8	225

Hot-Line Single Number Dialer 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 handset 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 C.O. line or analog PABX/KSU extension
- 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 pre-program hot line phones or dialers with any number up to 32 digits or pauses, at no charge (minimum quantity 100).

To learn more, contact us at 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

Manual (No Dial) Phones with Ringers

Ringdown, Courtesy or Emergency Phone Applications

These manual phones are compatible with ringdown circuits such as model **DLE-200B** (page 28), dialers such as Viking's **K-1900-5** and **K-1900-30** (page 16) 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

Analog (No Dial) Panel Phones

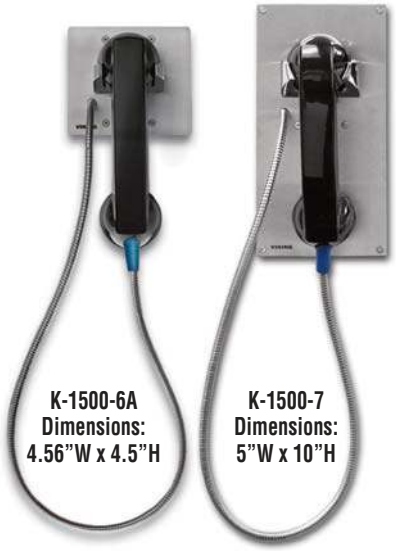
The **K-1500-6A** and **K-1500-7** provide simple vandal resistant communication in a flush mount, stainless steel, panel telephone. The **K-1500-6A** and **K-1500-7** work ideally with Viking's **DLE-200B** Line Simulator (page 28) or on a dedicated ringdown circuit. If dialing is necessary, use Viking's **K-1900-7** or combine the **K-1500-6A** or **K-1500-7** with Viking's **K-1900-5** Hot-Line Dialer (page 16).

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.

- Operates on a C.O. line or analog PABX/FXS station

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

- Flush mount to a standard double gang box
- Surface mount the **K-1500-7** with a **VE-5x10** Surface Mount Box (page 32) or a **VE-9x20** enclosure (page 31), each sold separately
- If a ringer is required, use an external unit such as the Viking **LPR-1** (page 26) or **SR-1** (page 21), each sold separately



K-1500-6A Dimensions: 4.56"W x 4.5"H

K-1500-7 Dimensions: 5"W x 10"H

Analog Hot-Line Panel Phone

The **K-1900-7** panel phone will auto-dial a 1-32 digit programmable phone number each time the handset is lifted. The unit will touch tone or pulse dial and will not auto-dial on incoming calls. The **K-1900-7-EWP** shares all of the features of the **K-1900-7** in addition to Enhanced Weather Protection (EWP) for outdoor installations where the unit is exposed to precipitation or condensation. EWP models are designed to meet IP66 Ingress Protection Rating.

- Touch tone or pulse auto-dialing (up to 32 digits)
- Vandal resistant 0.105" thick 316 marine grade stainless steel panel

Model	Analog	EWP	DOD
K-1900-7	•		364
K-1900-7-EWP	•	•	364

- Tamper-resistant armored cable and metal cradle
- Operating temperature range: -30˚ to 140˚F
- Standard model armored cable length: 36"
- EWP model armored cable length: 54"
- Hearing aid compatible amplified handset with volume control
- Surface mount with a **VE-5x10** Surface Mount Box (page 32) or a **VE-9x20** enclosure (page 31), each sold separately
- If a ringer is required, use an external unit such as the Viking **LPR-1** (page 26) or **SR-1** (page 21), each sold separately

K-1900-7 Dimensions: 5"W x 10"H

Analog Panel Phone with Keypad

The **K-1900-8** panel phone 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. The **K-1900-8-EWP** shares all of the features of the **K-1900-8** in addition to Enhanced Weather Protection (EWP) for outdoor installations where the unit is exposed to precipitation or condensation. EWP models are designed to meet IP66 Ingress Protection Rating.

- Touch tone or pulse speed dialing with a programmable pre-dial pause
- Vandal resistant 0.105" thick 316 marine grade stainless steel panel

Model	Analog	EWP	DOD
K-1900-8	•		362
K-1900-8-EWP	•	•	362

- Tamper-resistant armored cable and metal cradle
- Temperature range: -30˚ to 140˚F
- Standard model armored cable length: 36"
- EWP model armored cable length: 54"
- Hearing aid compatible amplified handset with volume control
- Optional **VE-5x10** Surface Mount Box (page 32) or **VE-9x20** Enclosure (page 31), sold separately
- If a ringer is required, use an external unit such as the Viking **LPR-1** (page 26) or **SR-1** (page 21), each sold separately

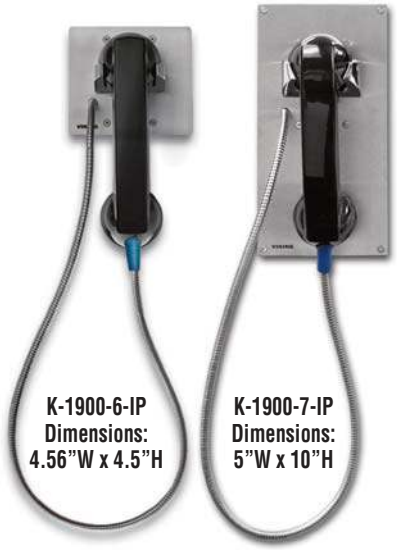
K-1900-8 Dimensions: 5"W x 10"H

VoIP Panel Phones with Auto Dialer and Relay Control

The **K-1900-6-IP** and **K-1900-7-IP** 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 4 additional phone numbers. The **K-1900-6-IP** and **K-1900-7-IP** phones are designed to provide quick and reliable communication for SIP VoIP phone systems with PoE. The unit can be programmed from any PC on the same LAN or remotely using a Static IP Address.

When a call initiated by the **K-1900-6-IP** or **K-1900-7-IP** 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.

The **K-1900-6-IP-EWP** and **K-1900-7-IP-EWP** share all of the features of the standard **K-1900-6-IP** and **K-1900-7-IP** in addition to Enhanced Weather Protection (EWP) for outdoor installations where the unit is exposed to precipitation or condensation. EWP models are designed to meet IP66 Ingress Protection Rating.



- Provide vandal resistant communication for SIP VoIP phone systems
- PoE powered (class 1<4 Watts)
- Dials up to 4 additional numbers on busy or ring no answer
- Built-in ringer
- Standard model armored cable length: 36"
- EWP model armored cable length: 54"
- Flush mount to a standard double gang box
- Surface mount the **K-1900-7-IP** with a **VE-5x10** Surface Mount Box (page 32) or a **VE-9x20** enclosure (page 31), each sold separately

Model	VoIP	EWP	DOD
K-1900-6-IP	•		363
K-1900-6-IP-EWP	•	•	363
K-1900-7-IP	•		363
K-1900-7-IP-EWP	•	•	363

VoIP Panel Phone with Keypad and Entry System Features

The **K-1900-8-IP** VoIP panel phone 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 **K-1900-8-IP** VoIP phone is designed to provide quick and reliable communication for SIP VoIP phone systems with PoE. The unit can be programmed from any PC on the same LAN or remotely using a Static IP Address. The **K-1900-8-IP** phone can dial up to 250 programmable numbers and another 250 rollover numbers.

When a call initiated by the **K-1900-8-IP** is answered by an apartment or business tenant, a built-in relay may be activated to control an electric gate or door strike. Up to 1,000 keyless entry codes may be programmed, providing tenants with keyless entry. A 26 bit Wiegand input is provided for adding an optional proximity card reader with capacity to program up to 1,000 card numbers. Keyless entry codes and card numbers can be programmed to only allow access at specific times and/or day of the week. A request for exit (REX) input is included for easy exiting. The **K-1900-8-IP** also has automatic event logging allowing you to review the time and date of the call, which door was opened/closed, what keyless entry code or proximity card was used, request for exit usage and whether it was an inbound or outbound call.

The **K-1900-8-IP-EWP** shares all of the features of the **K-1900-8-IP** in addition to Enhanced Weather Protection (EWP) for outdoor installations where the unit is exposed to precipitation or condensation. EWP models 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
- Standard model armored cable length: 36"
- EWP model armored cable length: 54"
- Hearing aid compatible amplified handset with volume control
- Flush mount to a standard double gang box
- Surface mount with a **VE-5x10** Surface Mount Box (page 32) or a **VE-9x20** Enclosure (page 31), each sold separately

Model	VoIP	EWP	DOD
K-1900-8-IP	•		361
K-1900-8-IP-EWP	•	•	361

Touch Tone and Pulse Hot-Line Dialers

These analog PABX, CO line or FXS port powered dialers automatically dial the programmed number each time the connected phone goes off-hook. They can help eliminate toll fraud on courtesy or emergency phones and toll fraud from hand-held dialers. They are compatible with analog PABX, CO line or FXS ports and will not dial on incoming calls. Programming can be done from any analog touch tone phone.

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

Model **K-1900-5** provides 1 to 32 digit Touch Tone dialing and 1 or 4 second pauses as needed to use behind a PABX, access a pager from an alarm contact, etc. The **K-1900-5** blocks hand-held dialers and "hook-switch" or pulse dialing. The dialer can provide fast (50 mS) or normal (120 mS) on/off Touch Tones.

- The **K-1900-5** can be activated by a momentary contact closure, see DOD 818
- Program numerous Viking Dialers or Hot-Line Phones, see DOD 901

K-1900-4

K-1900-5

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

Applications Include:

- Help Lines
- POS Displays
- Information Kiosks
- Hotel/Car Reservations
- Courtesy Phones
- Money Transfer
- Convert any analog phone to a Hot-Line Dialer

100 Number Speed Dialer

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

When used as a multi-number dialer the **K-1900-9** will allow the user to enter a 1 or 2 digit code that will speed dial a pre-programmed number. When the dialer calls the number, the user can be blocked from entering additional touch-tones. Alternatively, the **K-1900-9** can be programmed to allow touch-tones for use with interactive touch tone response systems.

Model	DOD
K-1900-9	321

The **K-1900-9** can also be programmed as a single number hot-line dialer and the unit is AC powered, so it can be used on low current phone lines as well. The **K-1900-9** has a programmable call timer and can be programmed on-site or from a remote location using a touch tone phone. Power supply included.

Smart Touch Tone Dialer with Redialing

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

The **K-1900-30** is an automatic dialer that 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

The **K-1900-30** connects directly to an analog CO line, analog PABX station, or FXS port. Touch tone programming can be done locally, or remotely by calling into the unit.

Two Input Alarm Dialer with Digital Announcer

The **K-202-DVA** Voice Alarm Dialer is a smaller version of the popular **K-2000-DVA** below. The **K-202-DVA** is a fully programmable, two input, multi-number auto dialer and digital announcer, designed for emergency and non-emergency message notification. Power supply included.

- Two normally open or normally closed contact inputs
- 2 messages (1 minute record time per input)
- Stores up to seven 32-digit phone numbers per input
- In the event that the dialer receives a busy or no answer it will automatically dial up to six more numbers
- Local or remote programming and recording

Model	DOD
K-202-DVA	305

Eight Input Alarm Dialer with Digital Announcer

- 8 minutes of record time, 1 minute per input
- Programmable message repeat and lap counter
- Eight normally open or closed contact inputs
- "Store Caster" mode available

The **K-2000-DVA** is a programmable, eight input, multi-number auto dialer and digital announcer, designed for 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. The unit is capable of local or remote recording of up to eight different messages (one message per input), with a total record time of eight minutes (1 minute per input).

Model	DOD
K-2000-DVA	303

In the "Store Caster" mode, eight different messages ("customer assistance needed in hardware please" etc.) can be provided. Power supply included.

Automated Voice Message Delivery System

Model **K-6000-DVA** can automatically notify up to 1000 people of an event cancellation, school, church or business closing or delayed opening. You can also record and forward a caller's message to a group of phone numbers.

The **K-6000-DVA** is designed to connect to a standard analog PABX, CO line or FXS port. To activate the unit, an authorized administrator calls the **K-6000-DVA**, dials a 6 digit password, selects a pre-recorded message or records a live message up to 1 minute, then activates the unit via a touch tone command to automatically call all the phone numbers in a pre-programmed group. Up to 6 groups of phone numbers can be preprogrammed into the unit. On site, each group can be initiated by a contact closure. Activating an "All Call" calls all preprogrammed numbers to be dialed. Power supply included.

Model	DOD
K-6000-DVA	307

For faster calling, multiple units and phone lines can be used to form a "phone tree."

2 Watt Paging Amplifier/Multi-Line Loud Ringer

- For PABX and FXO applications
- Drives up to three 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 21 for specifications).

15 Watt General Purpose Telecom Paging Amplifier

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

The **PA-15** allows paging from a Key or PABX paging port, an unused trunk input or FXO port (provides 36 Volts of talk battery), or a ringing analog PABX station, Centrex, C.O. line or FXS port. The **PA-15** can disconnect on CPC, busy, silence or a 16 to 72 sec (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 21 for specifications).

30 Watt Professional 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. A warble, double gong, quadruple chime or door chime sound can be selected. 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,** and **300AE** (see page 21 for specifications).

60 Watt Compact 1 or 2 Zone Power Amplifier

- Add 60 Watts of total paging power to two separate 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 20) 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,** and **300AE** (see page 21 for specifications).

Connects to 600 Ohm output of:

CTG-1	FBI-1A	PA-2A	PI-1A
CTG-2A	FXI-1	PA-15	RAD-1A
DNA-510	MTG-10	PA-30	ZPI-4

Designed, Manufactured, and Supported in the USA!

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, a ringing analog FXS or an FXO port. The system can provide background music from an external source and generate loud or night ringing from a ringing analog station or phone system 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**

Includes one SA-IR remote

Infrared Remote for Self-Amplified Paging System

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

Model	DOD
SA-IR	527

Infrared 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

Infrared 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

Expander/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 (FXO) ports
- High quality (80K/40K) digital message storage
- High output: 2V RMS into 600 Ohms

Your paging amplifier can be turned up to any level and your phones can be located anywhere, even directly under a high-power paging horn. A contact is provided to activate the amplifier, if needed. Power supply included.

Model	DOD
FBI-1A	465

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

Handsfree Talkback Paging System

- Improved audio circuitry including automatic gain control for talk-back audio
- 3 Watts of paging power
- Interface with unused trunk (FXO) ports, single line phones, and phone systems with a two-way paging port
- 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 21)

Model	DOD
HF-3W	470

Night Bell Over Existing Paging System

Connect to the night service line to provide electronic warble tone over an existing paging system whenever ring voltage is detected. The **K-600F** has both tone and level adjustments and provides a relay contact for muting music or external signalling devices, 120V bells, strobe lights, chimes, etc. The **K-600F** operates on any analog line that provides a minimum of 40V ringing. For generating audible tones from a contact closure use model **PA-2A** (page 18) or **PI-1A** (below). No power supply required.

Model	DOD
K-600F	476

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

Universal Telecom Paging Interface

The **FXI-1** provides normally open or normally closed relay contacts to activate the paging amplifier or connect to an external background music source. After paging, the **FXI-1** automatically disconnects on CPC, busy signal, silence or default disconnect timer. An electronic night bell over paging feature can be activated from a momentary contact closure. Power supply included.

Model	DOD
FXI-1	494

- Select: FXO (loop start), FXS (ring trip) or paging port (VOX relay) interface mode
- 30V talk battery for use with an FXO port or unused trunk input
- 600 Ohm volume controlled floating output - mutes music during page

Page Port/Trunk Input/FXO Paging Interface

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

Model	DOD
PI-1A	491

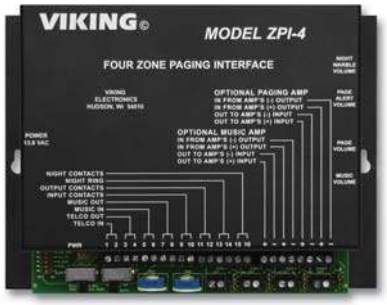
- Night Bell
- Mutes music
- 600 Ohm output
- VOX switching
- Provides talk battery for connecting to an unused trunk input or FXO port

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

Model	DOD
AIB-1	259

4 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 inputs, and will interface directly with standard paging ports.

Compatible with models (page 18):
PA-2A PA-15 PA-30 PA-60

Loud Call Announce / Ringing Amplifier

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

Model	DOD
M2W	480

Single Line Smart Loud Ringer

- Operates from a ringing analog line or a contact closure
- Four tones: Warble, Double Gong, Quadruple Chime, Electronic Bell
- Provides a door chime tone for either a doorbell, door open or "Push for Assistance" sensor
- Power supply included

Model	DOD
SR-1	477

- 90 dB @ 1 meter, 105 dB with external **25AE** (sold separately)

SIP Loud Ringer with Red LED

- Automatic Gain Control (AGC) compensates for ambient noise level
- PoE powered (class 2, < 6.5 Watts)
- SIP Compliant
- Relay output to trigger remote Viking **SL-2** Strobe Light or **LPL-1** Visual Ring Indicator (each sold separately)
- Remote ring volume control from PC

Model	DOD
SR-IP	577

- LED flashes for visual ring indication

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: **SA-1S, 30AE**, **35AE** or **40AE** ceiling speakers

Speaker Volume Control

Adjust the volume of individual paging horns, ceiling or wall speakers. Compatible with Viking 1-way paging amplifiers or any 8 or 16 Ohm or 25 Volt paging system. Mounts in standard single gang electrical box.

Model	DOD
SV-5W	488

Not recommended for 2-way (talkback) paging applications.

Paging Speakers and Paging Horns

30AE: 6 Watt 8 Ohm ceiling speaker with 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 Ceiling Speaker	497

Clock Controlled Tone Generator Over Paging

- Timed single, double, or triple bong, or buzzer tones
- Alarm and standard NFPA/ANSI evacuation tones
- Easy to program, easy to change
- Programmable day of week on/off feature

Provides your paging system with up to 128 timed alert tones per 24 hour period. 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.

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 39). Use with the **DVA-2WA** (page 27) for timed announcements. Power supply included.

Model	DOD
CTG-1	460

Emergency Mass Notification/Evacuation Announcer

- Includes 10 different tones and 5 different pre-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. Compatible with the **Viking PA-2A, PA-15, PA-30, PA-60** (page 18) or any paging amplifier. Power supply included.

Model	DOD
DNA-510	492

Alert Tone Applications: • Fire • Evacuation • Severe Weather • Flash Flood • Hazardous Material Release • Tornado • Lockdown • Terrorist Alert • Bomb Threat • All Clear

Single Line Paging Controller/2 Watt Amplifier

Add paging, phone-to-phone intercom, and door chime to your whole house audio system

The **SLP-1** allows 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** can provide ringing and door chime over the system. An input for a lighted doorbell switch and an output for 12 Volt trigger or relay contact is provided. Power supply included.

Model	DOD
SLP-1	478

Add Paging and Door Chimes to a Whole House Audio System

- Select from 8 preloaded CD quality sounds
- Download your own custom WAV files via a USB port
- Page from multiple lines by connecting multiple units

The **SLP-4** Single Line Paging controller will allow you to page family members or co-workers from any phone in your home or small business. The pages can be heard over the same speakers that are installed for multi-zone music distribution.

The **SLP-4** 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.

The **SLP-4** connects 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.

Model	DOD
SLP-4	479

Preloaded CD Quality Sounds:

- Westminster chimes
- Wind chimes
- Barking dog
- Ding-dong
- Door knocking
- Alert tones
- Goblet chime
- Triangle

Master Clock/Networked Clock Controlled Tone Generator Over Paging System

- 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, RF Transmitter, and Accessories

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

Add your own logo! (call for details)

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-WGA12	12" Wire Guard (Analog)	466
CL-WGA16	16" Wire Guard (Analog)	466
CL-WGD4	4" Wire Guard (Digital)	466

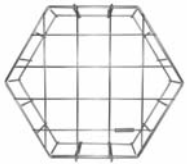
Digital Clocks

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" analog clock with model **CL-WGA12** or your 16" analog clock with 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 conjuction 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

Remote Access to:
- Paging systems, such as Viking models: **PA-2A, PA-15, PA-30, PA-60** (page 18)
- Advertisements, radio, or church programs
- Digital announcers
- Audio monitoring for security purposes
- For more applications see DOD 874

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.

Modes of Operation
- Telecommuting Extender
- Line Extender
- Call Diverter

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.

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 cassette recorder output permits selective recording by simply dialing a "9". Alternatively, all monitored conversations may be recorded. Power supply included.

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

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.

For more info, see DOD 819.

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 Button Panel

- 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 (see page 32)

DB40-BN

DB40-WH

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

Handset Interfaced Touch Tone Keypad

- Easily connects in series with handset and headsets or interfaces directly to tip & ring with optional adapter kit (sold separately)
- Provides DTMF signaling across a dry pair of wires for in-house applications
- Compatible with console phone aux handset jacks
- Powered by 9V battery (included) or optional **PS-1A** 13.8V AC adapter (sold separately)
- "Battery OK" LED indicator

Model	Description	DOD
HD-1	Handset Dialer	405

Line Status Monitor System

- Visual status for up to 24 analog lines or stations (idle, in-use, ringing)
- Programmable ring indication per-line
- Displays require only a single pair of wires
- Adjustable audio volume

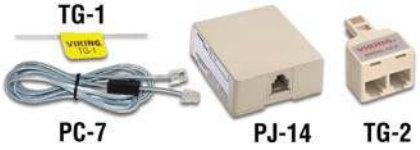
Model	Description	DOD
LM-24D	Line Status Display	670
LM-24M	Line Status Monitor	670
LM-24S	Line Status System	670

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 - using the recorder controls

Model	Description	DOD
PTR-1	Telecom Recorder Kit	438

12 Line Call Sequencer

12 Line Ring Generator

The **TMS-12A** Call Sequencer answers calls promptly and professionally. Eliminates "ring, no answer" during busy periods without hiring additional staff.

Model	Description	DOD
TMS-12A	Call Sequencer	070
SQRG-12	Ring Generator	060

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 forty 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

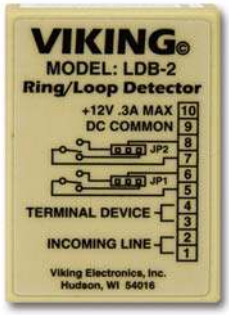
Panasonic® Doorphone Station Adapter

The **PAN-1** 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 41-43) to be connected in place of Panasonic® KX-T30865 or KX-T7775. Power supply included.

Model	DOD
PAN-1	145

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

Line Powered Loud Ringer

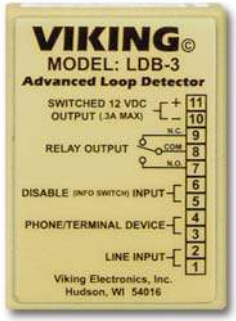
This auxiliary electronic ringer operates on any analog line that provides a minimum of 40 Volts 20-30 Hz AC ring voltage. Nominal 3 KHz warble provides up to 92 dB SPL @ 1 meter. The **LPR-1** can be connected via screw terminals or modular RJ-11 jack. A volume control and a 7 foot modular cord are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

Model	DOD
LPR-1	550

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 8). 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

Generate a 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**) configurations. Phone line powered.

Model	Description	DOD
CPC-1	1 Line	442
CPC-4	4 Line	444

Designed, Manufactured, and Supported in the USA!

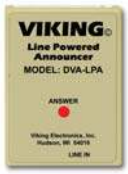
Automated Receptionist

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 prerecorded messages or hang up.

Model	DOD
AR-1	105

Phone Line Powered Digital Announcer

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



Model	DOD
DVA-LPA	128

Time and Temperature Announcer

The **DVA-TNT** provides a user recorded announcement along with the time of day and outdoor temperature.

Model	DOD
DVA-TNT	129

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.

Applications Include

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

Model	DOD
DVA-2WA	110

Customer Favorite Application:

Play Brahms Lullaby over a paging system to announce a new birth! (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 38)

Standard Carbon Handset

For voice recording on 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

Features

- 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, dialogic cards 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 Two-Way Ringdown Circuit

- 911 mode for classroom training
- Provides name and number caller ID
- Touch tone detection or standard Ringdown

- Produces 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.

Maximum loop length per port:
7,000 feet using
24 gauge twisted pair

Model	DOD
DLE-300	607

Four Port Auto Routing Switch

- Routes calls via CNG tone, distinctive ringing, 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

- Automatic "privacy" eliminates interruptions on both in and outbound calls
- Monitors for calling party control (CPC)
- Power supply included

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 C.O. 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
- Easy, straight forward installation via an RJ-21X 25 pair connector
- Stackable to increase capacity
- No power supply required

Model	DOD
GLS-12	570

Designed, Manufactured, and Supported in the USA! Questions? Call: 715-386-8861

Blue Strobe with Steady-On-Beacon Kit

- High intensity long life LED technology
- 4 programmable flash patterns
- 6 programmable brightness settings

Model **BLK-4** monitors analog lines for ringing and/or off hook or uses a contact closure to activate. Program the strobe to flash steady or follow ring cadence. The kit includes a 4" diameter LED strobe, hardware, control module and 12V power supply. For use with Viking emergency phones (pages 6-10) or any analog phone.

Model	EWP	DOD
BLK-4		654
BLK-4-EWP	•	654

Replacement Lens Available in 4 Colors

Blue Red Amber Clear

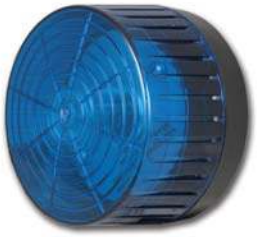
Go to the Viking website: **www.VikingElectronics.com** and click on Spare Parts.

Blue LED Strobe Light

- High intensity long life LED technology
- 4 programmable flash patterns
- Requires 12VDC 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



Model	EWP	DOD
SL-2		242
SL-2-EWP	•	242

Replacement Lens Available in 4 Colors

Blue Red Amber Clear

Go to the Viking website: **www.VikingElectronics.com** and click on Spare Parts.

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
- Notify security in a gated community to allow EMS access
- Alert nursing staff to an emergency call
- Resets by contact closure or touch tones
- Provides 12VDC and relay contacts to operate an external strobe or visual indicator
- Power supply included

Model	DOD
SC-911	236

Applications:

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

Visual Telephone Status Indicator

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

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

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

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

Model	DOD
VR-1B	697

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

Line Powered Visual 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
- 100% solid state for highest reliability
- 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 talk battery to 48V
- Boost loop current to 26mA
- Power supply included

Model	DOD
TBB-1B	632

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)

Enclosures for Installing Products Outdoors

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

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

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

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

VE-9x20Y-0

VE-9x12R-0

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

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

Applications Include:

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

Accessories/Replacement Parts

VE-PBL: Push button lock and key set for any of the **VE-9x12** or **VE-9x20** enclosures.
VE-SPG: Hinge door return spring for use with the **VE-9x12** and **VE-9x20**. The **VE-9x20** includes a **VE-SPG**.
VE-9x12MK-1: Internal adapter panel 1 for the **VE-9x12**, see compatible products below.
VE-9x12MK-2: Internal adapter panel 2 for the **VE-9x12**, see compatible products below.
VE-9x20MK: Internal adapter panel for the **VE-9x20**.

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
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

Compatible Viking Products

VE-9x12(R/Y/B)-1 (Adapter Panel 1)	VE-9x12(R/Y/B)-2 (Adapter Panel 2)	VE-9x20(R/Y/B) (Standard Adapter Panel)
E-20-IP	E-10-IP	K-1500-7
E-20B	E-10A	K-1900-7
E-1600-IP	E-30	K-1900-7-IP
E-1600A	E-30-IP	K-1900-8
E-1600-03B	E-30-PT	K-1900-8-IP
E-1600-45A	E-32-IP	
E-1600-45-IP	E-35-IP	
E-1600-60A	E-35	
E-1600-60-IP	E-60-IP	
E-1600-65A	E-60	
E-1600-65-IP	E-1600-20-IP	
K-1500P-W	E-1600-20A	
K-1900W-2	E-1600-22-IP	
W-2000A	E-1600-30-IP	
	E-1600-30A	
	E-1600-32-IP	
	W-1000	
	W-3000	
	W-3005	

R = Red
Y = Yellow
B = Black

Vandal Resistant Surface Mount Boxes

The **VE-Series** surface mount boxes add vandal and weather resistance, as well as versatility to many Viking products. These boxes are available in fine texture black powder painted steel or marine grade 316 stainless steel. New this year, the **VE-5x5** is also available in red powder painted steel, ideal for surface mounting select Viking Emergency Phones (pages 6-10).

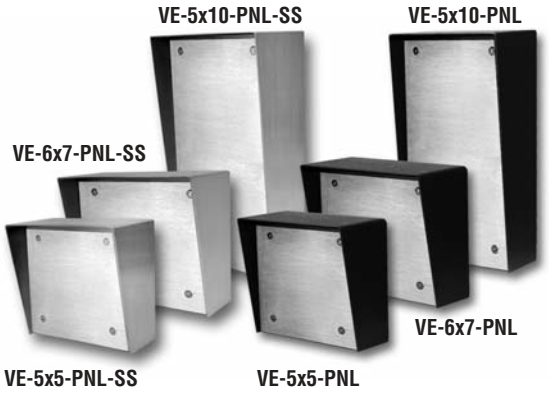
Model	Description	DOD
VE-3x5	Black 3"x5" Surface Mount Box	424
VE-5x5	Black 5"x5" Surface Mount Box	424
VE-5x5-RD	Red 5"x5" Surface Mount Box	424
VE-5x5-SS	Stainless Steel 5"x5" Surface Mount Box	424
VE-6x7	Black 6"x7" Surface Mount Box	424
VE-6x7-SS	Stainless Steel 6"x7" Surface Mount Box	424
VE-5x10	Black 5"x10" Surface Mount Box	424
VE-5x10-SS	Stainless Steel 5"x10" Surface Mount Box	424

These weather resistant boxes are designed to be surface mounted to a wall, post, single gang box, or a gooseneck pedestal and are perfect for surface mounting a variety of Viking products. See DOD 424 for complete specifications and a list of compatible products.

Surface Mount Boxes with Blank Panels

The **VE-PNL**'s are the perfect solution to the problem of mounting a switch, keypad or card reader to the outside of a building. Available in black fine texture powder painted steel or marine grade 316 stainless steel, the back box provides a durable enclosure suitable for most outdoor applications. The blank front panel is made from aluminum, making it easy to drill, cut or form for the required mounting arrangement.

Model	Description	DOD
VE-5x5-PNL	Black 5"x5" Box with Blank Panel	424
VE-5x5-PNL-SS	Stainless Steel 5"x5" Box with Blank Panel	424
VE-6x7-PNL	Black 6"x7" Box with Blank Panel	424
VE-6x7-PNL-SS	Stainless Steel 6"x7" Box with Blank Panel	424
VE-5x10-PNL	Black 5"x10" Box with Blank Panel	424
VE-5x10-PNL-SS	Stainless Steel 5"x10" Box with Blank Panel	424



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.

Accessories

E-1600A-MK-GNP

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

VE-LIGHT

Add bright LED illumination to any doorbox or entry phone that is housed in a Viking **VE-5x5**, **VE-6x7** or **VE-5x10** enclosure.

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
E-1600A-MK-GNP	Mounting Kit	227
VE-LIGHT	LED Kit	428
VE-RMB	Retrofit Kit	431

Gooseneck Pedestals

The gooseneck pedestals are designed to be used with select Viking **VE-Series** 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 wet cement.

Compatible Viking Surface Mount Boxes:
(see above for product specifications)

VE-5x5	**VE-6x7-SS**	**VE-5x5-PNL-SS**
VE-5x5-RD	**VE-5x10**	**VE-6x7-PNL**
VE-5x5-SS	**VE-5x10-SS**	**VE-6x7-PNL-SS**
VE-6x7	**VE-5x5-PNL**	**VE-5x10-PNL**
		VE-5x10-PNL-SS

Model	Description	DOD
VE-GNP	42" Pad Mount Pedestal	424
VE-GNP-SS	42" Stainless Steel Pedestal	424
VE-GNP-IG	64" In-Ground Pedestal	424
VE-GNP-2	42" and 72" Double Pedestal	424

Door Entry and CCTV 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, because they are no longer limited to installation on unused trunk ports.

- 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 C.O. calls
- Compatible with Viking's Single Line Paging Controllers, model **SLP-1** or **SLP-4** (page 22)
- 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 C.O. line call
- Built-in talk battery for "No C.O. Line" applications
- Provides two touch tone controlled N.O. or N.C. dry relay contacts (5 Amp rating) for door strikes or gate openers
- Keyless entry/postal lock input
- Auxiliary contact output for doorbell, light, etc.

Model	DOD
C-1000B	168

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

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

Handsfree Doorboxes

Answer Your Door or Gate from Any Phone in Your Home or Business

Viking's handsfree doorboxes are available in 4 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.

- 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
- Microphone volume adjustment POT
- 24 Volt talk battery
- 20 Hz ring generator (6.0 REN ring load maximum)
- Selectable ring cadence: standard, double, short/short/long, or short/long/short
- Selectable number of rings: 2, 3, 10 or 30
- Selectable "Push-to-Talk" feature for noisy environments
- Operating temperature range: -15°F to 130°F
- **W-3005** features a built-in high resolution color video camera with wide viewing angle and tilt/swivel adjustments (page 5)
- **W-3005** can use one Cat-5e cable for audio and video transmission

Model	Description	Analog	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 optional **VE-5x5** 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 optional **VE-5x5** 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 optional **VE-5x5** surface mount box sold separately (page 32).

12 Button Apartment Entry Phones with Built-In Directory

All Models Feature:

- 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 **VE-5x10** Surface Mount Box available (page 32), 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 Feature:

- Interface to a CO line, analog PABX station, or FXS port
- Hang 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 33) for increased security
- Compatible with model **C-3000** (page 37) for "No CO" (phone line) operation
- Operating temperature: -30° F to 150° F

VoIP Models Feature:

- 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 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 card numbers can be programmed to only allow access at specific times and day of week
- Event logging with time and date stamp
- Hangs up on busy signal, time-out or touch tone command
- Remotely programmable
- Programmable volume adjustments for microphone and speaker
- 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

Apartment entry phone with integrated 12 button keypad. Bushed stainless steel finish.

K-1270 Series

- Built-in proximity card reader
- 125KHz compatible 26-bit Wiegand format
- Compatible with Viking proximity credentials, see page 36 for more information

K-1205 Series

- Built-in analog color video camera (page 5)
- 420 lines of resolution and 80° viewing angle
- Tilt and swivel adjustment

K-1275 Series

- Built-in analog color video camera (page 5)
- 420 lines of resolution and 80° viewing angle
- Built-in proximity card reader
- 125KHz compatible 26-bit Wiegand format
- Compatible with Viking proximity credentials (page 36)

What is EWP?

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.

For more information on Enhanced Weather Protection, see DOD 859.

Enhanced Weather Protection

- PCB completely sealed in an injection molded thermoplastic potting compound
- Sealed LED, push button switch and mic 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

Integrated Proximity Card Readers

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

Proximity Specifications:

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

Technologies Supported:

Viking **PRX-C**, **PRX-C-ISO**, **PRX-FOB**, **LRT-4,** see page 36

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

* *HID and the HID logo are registered trademarks of HID Global Corporation, an ASSA ABLOY company. All other trademarks are the property of their respective owners.*
** *AWID is a trademark of Applied Wireless Identification Group.*

Designed, Manufactured, and Supported in the USA!

Vandal Resistant Handsfree Entry Phones with Built-In Keypads

All Models Feature:

- 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 **VE-6x7** Surface Mount Box available (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 Feature:

- 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
- Selectable auto-answer feature for monitoring
- Selectable push button disconnect
- Adjustable microphone and speaker volume
- Programmable VOX (microphone/speaker) switching speed
- Operating temperature: -20°F to 130°F

Compatible Viking Controllers:

C-500 (page 40)
C-2000B (page 40)
C-3000 (page 37)
C-4000 (page 37)
K-1900-3 (page 37)
SRC-1 (page 39)

VoIP Models Feature:

- 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 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
- Adjustable 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 integrated keypad. Stainless steel model (left) shown in optional **VE-6x7** Surface Mount Box, sold separately. The **VE-6x7** is compatible with all products on this page, see page 32 for more information.

K-1705 Series

- Built-in analog color composite video camera (see page 5 for camera information)
- 420 lines of resolution and 80° viewing angle
- Tilt and swivel adjustment

K-1770 Series

- Built-in proximity card reader (see page 34)
- 125KHz compatible 26-bit Wiegand format
- Compatible with Viking proximity credentials on page 36

K-1775 Series

- Built-in analog color video camera (page 5)
- 420 lines of resolution and 80° viewing angle
- Built-in proximity card reader (see page 34)
- 125KHz compatible 26-bit Wiegand format
- Compatible with Viking proximity credentials on page 36

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**
- Compact size mounts to mullion/door/window frame
- For outdoor use, the **PRX-1** comes with Enhanced Weather Protection, designed to meet IP66 Ingress Protection Rating

Model	DOD
PRX-1	221

Keypad with Built-in Proximity Reader

- Reader format: 26-bit Wiegand
- Keypad formats: 8-bit burst and 26-bit Wiegand
- Use with Viking **PRX-C**, **PRX-C-ISO**, **PRX-FOB**, **LRT-4**, certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**
- For outdoor use, the **PRX-2** comes with Enhanced Weather Protection, designed to meet IP66 Ingress Protection Rating

Model	DOD
PRX-2	219

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**
- For outdoor use, the **PRX-3** comes with Enhanced Weather Protection, designed to meet IP66 Ingress Protection Rating

- Surface mounts to non-metallic wall, post, or single gang electrical box
- Mounts to a Viking gooseneck pedestal (page 32) with an optional **PRX-3-MK-GNP** or **PRX-3-MK-VEGNP** mounting kit, sold separately

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

Wiegand Keypad

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

Model	DOD
PRX-4	199

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**, and certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**
- Designed for outdoor use, the **PRX-5** comes standard with Enhanced Weather Protection, designed to meet IP66 Ingress Protection Rating

Model	DOD
PRX-5	224

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

Long Range 4 Channel Transmitter and Receiver

- Up to 400ft 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

Proximity / Keyless 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

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

Apartment / Office Entry Controller

Model **K-1900-3** allows the visitor to enter 1 to 3 digits on a Touch Tone phone located in the entry way. The **K-1900-3** then dials the associated tenant. After conversing with the visitor, the tenant can "Buzz" them in by dialing a 1 or 2 digit code on their Touch Tone phone. An adjustable timed DPDT 5 Amp relay contact is provided for gate openers or door strikes. The **K-1900-3** can be programmed remotely using a Touch Tone phone or locally from the entry phone.

- Stores 250 tenant Touch Tone phone numbers and keyless entry codes
- Normally open and normally closed (DPDT) relay contacts for controlling door strikes, magnetic locks, gates, etc.
- Multi-number dialer mode (for 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
- Compatible with: **K-1700-3**, **K-1705-3**, **K-1770-3**, **K-1775-3**, **K-1900-8**, or any touch tone phone

Model	DOD
K-1900-3	312

No C.O. Line Entry Controller for 12 Apartments / Offices

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

Eliminates the monthly expenses of an entry phone line and C.O. "call waiting" feature on tenant's lines. Connect a front and rear touch tone entry phone. 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.

Model	DOD
C-3000	162

Use with:				
AES-2000	K-1205	K-1700-3	K-1775-3	or any touch tone phone
AES-2005	K-1270	K-1705-3	K-1900-8	

4 Door Keyless or Proximity Apartment 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.

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

- 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
- Normally open and normally closed relay contacts for controlling door strikes, magnetic locks, gates, etc.
- Power supply included

Model	DOD
C-4000	164

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.

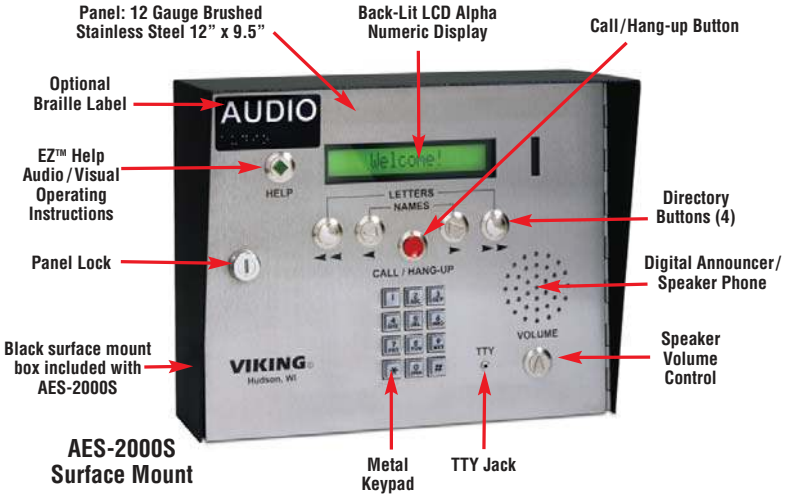
Accessible Entry System

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 existing public telephone lines. 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, see page 36
- Model **AES-2005S** and **AES-2005F** also feature a built-in high resolution color video camera, see page 5 for camera information
- **PB-100** required for programming (see below)



AES-2000S Surface Mount

EZ Help / Access is a trademark of the Wisconsin Alumni Research Foundation.
For more information go to: www.trace.wisc.edu

AES-2000F Flush Mount
(Mounting bezel and back box included)

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

Applications Include:

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

Add Entry Points to the Accessible Entry System

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.

Model	DOD
PB-100	232

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

Designed, Manufactured, and Supported in the USA!

Secure Remote DTMF Controller

- Touch tone programmable
- 6 digit security code
- Relay activation code
- Operates on any 12-24V AC/DC power source
- 32 keyless entry codes
- 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 Entry Phones and Doorboxes. A postal lock input is provided.

Model	DOD
SRC-1	176

Remote DTMF Controller for a Single Relay

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

The **RC-2A** provides remote relay operation from any standard Touch Tone telephone. The controller is designed to 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 C.O. lines or analog PABX/FXS stations and will passively monitor for Touch Tone commands. For off-premise applications, the **RC-2A** will answer analog C.O. lines or PABX/FXS stations after a selectable ring delay. A field programmable access code can be programmed to prevent unauthorized usage, and then the **RC-2A** can be activated to allow remote relay operation. Power supply included.

Model	DOD
RC-2A	160

Remote DTMF Controller for 3 Relays

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

The **RC-3** enables a standard Touch Tone phone to control up to 3 maintained ON, maintained OFF, or momentary relay contacts from a remote location. The **RC-3** is fully user programmable and uses non-volatile memory. Up to three units can be daisy chained on the same line to control up to nine relays. The **RC-3** features switchable 32V talk battery allowing easy installation on a trunk/FXO port. In addition, the unit can be connected directly to a C.O. line or analog PABX/FXS station. Power supply included.

Model	DOD
RC-3	165

Network Enabled Relay Controller

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

The **RC-4A** Network Enabled Relay Controller 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 closure 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 Your House Phones or 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 he converses 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 Controller with Call Forwarding and Door Strike Control

- 5 Amp door strike or gate opener contact
- Immediate call forward mode
- Built in 5 number dialer (1- 20 digits)
- No C.O. 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.

Advanced Two Door Entry Phone Controller with Call Forwarding and Door Strike Control

- No C.O. 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.

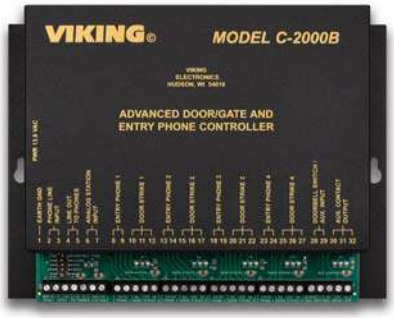
Advanced Door / Gate and Entry Phone Controller for up to 4 Locations

- 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 22)
- 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 existing 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.



Door Entry Phones

All Models Feature:

- 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 microphone and speaker volume
- Enhanced Weather Protection (EWP) models available, designed to meet IP66 Ingress Protection Rating
- Optional **VE-5x5** Surface Mount Box available (page 32) for flush mount models, sold separately

Analog Models Feature:

- Telephone line powered
- Interface to a C.O. line, analog PABX station, or FXS port
- Intelligent call progress detection for automatic hang-up on CPC, silence, busy signal, or time out
- Alternate action call button to place or cancel a call
- Adjustable microphone 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 40)
C-250 (page 40)
C-500 (page 40)
C-2000B (page 40)
SRC-1 (page 39)

VoIP Models Feature:

- 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
- Automatic polling and programming software included
- 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

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-IP		•			248
E-32-IP-EWP		•	•		248
E-35	•			•	178
E-35-EWP	•		•	•	178
E-35-IP		•		•	251
E-35-IP-EWP		•	•	•	251

E-10A / E-10-IP

- Heavy-duty black powder painted aluminum faceplate
- Dimensions: 5" x 5"
- Flush mount
- Optional **VE-5x5** Surface Mount Box (page 32), sold separately

E-20B / E-20-IP

- 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
- Dimensions: 5" x 5"
- Flush mount
- Optional **VE-5x5** Surface Mount Box (page 32)

E-32-IP

- Heavy-duty brushed 316 stainless steel faceplate
- Dimensions: 5" x 5"
- Double gang flush mount
- Optional **VE-5x5** Surface Mount Box (page 32)

E-35 / E-35-IP

- Built-in analog video camera (see page 5 for camera info)
- Heavy-duty brushed 316 stainless steel faceplate
- Dimensions: 5" x 5"
- Optional **VE-5x5** Surface Mount Box (page 32)

What is EWP? 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. For more information on EWP, see DOD 859.

Analog Video Camera

- Fits in a standard single gang box
- Wide 80° viewing angle with tilt and swivel (see page 5 for camera information)
- Enhanced Weather Protection (EWP) comes standard - for extra protection
- Power supply included

Model	DOD
VCAM-2-SS	190
VCAM-2-BN	190
PNL-VCAM-2-SS	190
PNL-VCAM-2-BN	190

VCAM-2-SS
(Stainless Steel)

VCAM-2-BN
(Oil Rubbed Bronze)

Replacement faceplates available:
Stainless Steel (**PNL-VCAM-2-SS**) or
Oil Rubbed Bronze (**PNL-VCAM-2-BN**)

Compact Analog Color Video Camera Kit

- Stainless steel mounting hardware
- Potted circuit board
- 12V DC adapter/wire connections
- Tilt and swivel adjustment
- IR illuminator compatible when using model **VCAM-1IR**

Model	DOD
VCAM-1	190
VCAM-1IR	190

See page 5 for camera information

All Models Feature:

- 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 microphone and speaker volume
- Enhanced Weather Protection (EWP) models available, designed to meet IP66 Ingress Protection Rating
- Optional **VE-3x5** or **VE-5x5** Surface Mount Boxes available (page 32), sold separately

Analog Models Feature:

- 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
- Alternate action call button to place or cancel a call
- Adjustable microphone 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 40)
C-250 (page 40)
C-500 (page 40)
C-2000B (page 40)
SRC-1 (page 39)

VoIP Models Feature:

- 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

All Models on pages 42-43 Available in these Four Finishes

Brushed Stainless Steel (SS) | Oil Rubbed Bronze (BN) | Satin White (WH) | Textured Black (BK)

What is EWP?

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.

For more information on Enhanced Weather Protection, see DOD 859.

Enhanced Weather Protection

- PCB completely sealed in an injection molded thermoplastic potting compound
- Sealed LED, push button switch and mic 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

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 32)
- 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 (see page 5 for camera information)
- 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 32)
- 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 42

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 **VE-5x5** Surface Mount Box (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 42

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 (see page 5 for camera information)
- 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 in all finishes, see DOD 201

E-70 Series

- Built in 125KHz compatible 26-bit Wiegand proximity card reader, see page 36 for additional compatible Viking products
- Dimensions: 4.87" x 4.94" x 1.7"
- Flush mount in a standard double gang box
- Optional **VE-5x5** Surface Mount Box (page 32)
- Replacement faceplates in all finishes, see DOD 200

E-70-WH (Satin White finish)

E-75 Series

- Built in color composite video camera with 420 lines of resolution (see page 5 for camera information)
- Audio and video transmission on one Cat-5e cable
- Built in 125KHz compatible 26-bit Wiegand proximity card reader, see page 36 for compatible products
- Dimensions: 4.87" x 4.94" x 1.7"
- Flush mount in a standard double gang box
- Optional **VE-5x5** Surface Mount Box (page 32)
- Replacement faceplates in all finishes, see DOD 211

E-75-BK (Textured Black finish)

Viking Electronics, Inc.
1531 Industrial Street
Hudson, Wisconsin 54016-9386
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Where to Buy:

ADI
800-233-6261 www.adiglobal.us

Graybar
800-472-9227 www.graybar.com

Jenne
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800-323-8167 www.anixter.com

TeleDynamics
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Capitol
800-467-8255 www.capitolsales.com

Goldcom, Inc.
800-788-8848 www.goldcom.us

High-Tech Communications
800-256-3010 www.high-techcomm.com

KGP Logistics
800-755-1950 www.kgplogistics.com

Rexel
888-739-3577 www.rexelusa.com

Power & Tel
800-238-7514 www.ptsupply.com

Walker and Associates, Inc.
800-925-5371 www.walkerfirst.com

Boettcher Supply
800-657-5770 www.boettchersupply.com

HB Distributors
800-266-3478 www.hbdistributors.com

Call: 715-386-8861
info@VikingElectronics.com
www.VikingElectronics.com

To purchase outside of the USA and Canada:
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