Add any Viking “E” Series Phone to a Panasonic Doorphone/Door Opener Card

The Viking PAN-1A will allow a Viking “E” series speaker phone (E-10A, E-20B, E-30, E-32, E-35, E-40, E-50, E-60, E-65, E-70, E-75, etc.) to interface with Panasonic Doorphone/Door Station Cards.

Use the PAN-1A to install a Viking entry phone in place of a Panasonic KX-T30865 or KX-T7775 Doorphone.

Installations will benefit from the utilization of all Panasonic programming options and features integral to their proprietary system, while also benefiting from being able to use any one of Viking’s attractive and reliable entry phones.

All Viking models are available with the EWP (Enhanced Weather Protection) option for wet or exposed locations. Models such as the E-35, E-50, E-65, E-75 include color video camera.

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**Features**

- Interfaces in place of a Panasonic KX-T30865 or KX-T7775 doorphone
- Allows use of these Viking entry phones
  - E-10A Flush mount speaker phone
  - E-20B Surface mount speaker phone
  - E-30 Stainless steel speaker phone
  - E-32 Stainless steel double gang box mount
  - E-35 Stainless steel video speaker phone
  - E-40 Compact door entry phone
  - E-50 Compact video door entry phone
  - E-60 Double gang entry phone
  - E-65 Double gang video entry phone
  - E-70 Double gang entry phone with built in prox card reader
  - E-75 Double gang video entry phone with built in prox card reader
- All Panasonic doorphone/door station card programming options and features may still be used
- Increased audio performance over Panasonic’s doorphones
- Provides adjustable ringback tones to entry phone
- Provides CPC signal to entry phone

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**Applications**

- Any Panasonic doorphone installation where a Viking entry phone would be preferred
- Any Panasonic doorphone installation where increased reliability is required
- Any Panasonic doorphone installation where a better looking entry phone is desired

www.VikingElectronics.com
Phone: 715-386-8861

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**Specifications**

- **Power:** 120V AC/13.8V AC 1.25A UL listed adapter provided
- **Dimensions:** 2.1” x 2.1” x 1.0” (53mm x 74mm x 25mm)
- **Shipping Weight:** 2 lbs (0.9 kg)
- **Operating Temperature:** 32°F to 90°F (0°C to 32°C)
- **Humidity:** 5% to 95% non-condensing
- **Talk Battery:** 40V DC
- **Loop Current to Entry Phone:** 25mA (typical)
- **Ring Generation to Entry Phone:** 40Hz square wave
- **Maximum Run Length:** 5280 ft / 1 mile (1610m), 24 gauge
- **Connections:** (1) RJ-11 jack to connect with Panasonic card, and (4) screw terminals for power and entry phone connections
Installation

**IMPORTANT:** Electronic devices are susceptible to lightning and power station electrical surges from both the AC outlet and the telephone line. It is recommended that a surge protector be installed to protect against such surges.

A. Installing One PAN-1A Adapter

<table>
<thead>
<tr>
<th>Step 1.</th>
<th>Pop the plastic cover off using a small screwdriver.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step 2.</td>
<td>Using the supplied 4 wire modular cord, connect the Panasonic Doorphone/Door Opener Card to the PAN-1A modular jack.</td>
</tr>
<tr>
<td>Step 3.</td>
<td>Connect the Viking entry phone to the 2 screw terminals marked E-PHONE.</td>
</tr>
<tr>
<td>Step 4.</td>
<td>Connect the 13.8 VAC adapter wires to the 2 screw terminals marked 13.8VAC, and then plug the adapter into a power outlet.</td>
</tr>
<tr>
<td>Step 5.</td>
<td>Snap the cover back into place.</td>
</tr>
</tbody>
</table>

B. Installing Two PAN-1A Adapters

Since the Panasonic Card provides two modular jacks for the four Doorphones, using two PAN-1As is as simple as plugging a modular cord into each of the card’s two jacks (Doorphone 1 and Doorphone 3). See Panasonic’s installation instructions for additional details. For wiring three or four PAN-1As, see Installation section C.
C. Installing Three to Four PAN1-A Adapters

The Panasonic Doorphone/Door Station Card is capable of connecting a total of four Doorphones, so there could be up to four Viking PAN-1As connected to it. Since the Panasonic Card provides only two modular jacks for the four Doorphones, the YELLOW / BLACK wire pairs need to be made accessible to the PAN-1As for Doorphone 2 and Doorphone 4. A Two Line Jack Adapter can be used on one of the Card’s jacks to convert one of the BLACK / YELLOW pairs to RED / GREEN for one of the PAN-1As, but these adapters are too large to be able to use two of them. An alternate method is to use terminal boxes as shown in detail below.

Dip Switch Programming

Three DIP switches are provided to adjust parameters of the ringback tones heard at the doorphone when the call button is pressed. The ringback tones can be enabled or disabled, be loud or soft, and can be set to last either 30 seconds or 15 seconds. The factory setting is loud ringback that lasts for 30 seconds. If used with a Panasonic systems that only rings the station phones for 15 seconds, it is recommended to set DIP switch 3 to the OFF position so the ringback tones last the same 15 seconds.

<table>
<thead>
<tr>
<th>Switch</th>
<th>Position</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ON</td>
<td>Loud ringback volume*</td>
</tr>
<tr>
<td>1</td>
<td>OFF</td>
<td>Soft ringback volume</td>
</tr>
<tr>
<td>2</td>
<td>ON</td>
<td>Ringback enabled*</td>
</tr>
<tr>
<td>2</td>
<td>OFF</td>
<td>Ringback disabled</td>
</tr>
<tr>
<td>3</td>
<td>ON</td>
<td>Ringback duration 30 seconds*</td>
</tr>
<tr>
<td>3</td>
<td>OFF</td>
<td>Ringback duration 15 seconds</td>
</tr>
</tbody>
</table>

* Factory Setting

NOTE: When used with Viking Models E-30/32/35 (EWP), be sure both their “Dial Next Number on Ring No Answer” and “Dial Next Number on Busy” features are disabled.

Operation

The PAN-1A when used with a Viking Entry Phone, will operate the same as described in the Panasonic’s Operation Instructions.
**RETURNING PRODUCT FOR REPAIR**

The following procedure is for equipment that needs repair:

1. Customer must contact Viking's Technical Support Department at 715-386-8666 to determine possible causes for the problem. The customer MUST be able to step through recommended tests for diagnosis.

2. If the Technical Support Product Specialist determines that the equipment is defective based on the customer's input and troubleshooting, a Return Authorization (R.A.) number will be issued. This number is valid for fourteen (14) calendar days from the date of issue.

3. After obtaining the R.A. number, return the approved equipment to the customer's distributor, referencing the R.A. number. Your distributor will then replace the product over Viking using the same R.A. number.

4. The distributor will NOT exchange this product without first obtaining the R.A. number from you. If you haven't followed the steps listed in 1, 2 and 3, be aware that you will have to pay a restocking charge.

**RETURNING PRODUCT FOR EXCHANGE**

The following procedure is for equipment that has failed out-of-box (within 10 days of purchase):

1. Customer must contact Viking's Technical Support Department at 715-386-8666 to determine possible causes for the problem. The customer MUST be able to step through recommended tests for diagnosis.

2. If the Technical Support Product Specialist determines that the equipment is defective based on the customer's input and troubleshooting, a Return Authorization (R.A.) number will be issued. This number is valid for fourteen (14) calendar days from the date of issue.

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**TWO YEAR LIMITED WARRANTY**

Viking warrants its products to be free from defects in the workmanship or materials, under normal use and service, for a period of two years from the date of purchase from any authorized Viking distributor. If at any time during the warranty period, the product is deemed defective or malfunctions, return the product to Viking Electronics, Inc., 1531 Industrial Street, Hudson, WI, 54016. Customer must contact Viking’s Technical Support Department at 715-386-8666 to obtain a Return Authorization (R.A.) number.

This warranty does not cover any damage to the product due to lightning, over voltage, under voltage, accident, misuse, abuse, negligence or any damage caused by the use of the product. This warranty does not cover non-EWP products that have been exposed to wet or corrosive environments. This warranty does not cover stainless steel surfaces that have not been properly maintained.

VIKING MAKES NO WARRANTIES RELATING TO ITS PRODUCTS OTHER THAN AS DESCRIBED ABOVE AND DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. EXCLUSION OF CONSEQUENTIAL DAMAGES, VIKING SHALL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE TO PURCHASER, OR ANY OTHER PARTY, FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR EXEMPLARY DAMAGES ARISING OUT OF OR RELATED TO THE SALE OR USE OF THE PRODUCT SOLD HEREBED. EXCLUSIVE REMEDY AND LIMITATION OF LIABILITY, WHETHER IN AN ACTION BASED ON CONTRACT, TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY) OR ANY OTHER LEGAL THEORY, ANY LIABILITY OF VIKING SHALL BE LIMITED TO REPAIR OR REPLACEMENT OF THE PRODUCT, OR AT VIKING'S OPTION, REFUND OF THE PURCHASE PRICE AS THE EXCLUSIVE REMEDY AND ANY LIABILITY OF VIKING SHALL BE SO LIMITED.

It is expressly understood and agreed that each and every provision of this agreement which provides for disclaimer of warranties, exclusion of consequential damages, and exclusive remedy and limitation of liability, are severable from any other provision and each provision is a separable and independent element of risk allocation and is intended to be enforced as such.

**FCC REQUIREMENTS**

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the side of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.

The REN is used to determine the number of devices that may be connected to a line, as determined by the total REN's, contact the customer. Excessive REN's on a telephone line may result in the devices not ringing in response to an incoming call. In most, but not all cases, the sum of the REN's should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total REN's, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the sum of the REN's. For earlier products, the REN is separately shown on the label.

The plug used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this PAN-1A does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

Enforcement of FCC compliance of the PAN-1A standard, when it is used in an anti-static bag, sandwiched between foam and individually boxed. All equipment should be wrapped to avoid packing material lodging in or sticking to the equipment. Include ALL parts of the equipment. G.O.D. or freight collect shipments cannot be accepted. Ship cartons prepaid to: Viking Electronics, 1531 Industrial Street, Hudson, WI 54016.

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**Product Support: 715-386-8666**

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