



TECHNICAL Practice

TELECOM SOLUTIONS FOR THE 21ST CENTURY

VE-LIGHT

**Enclosure Lighting
Kit**

October 26, 2010

Add Panel Lighting to Your Viking Doorbox or Entry Phone



VE-LIGHT shown above with Viking W-3000
and VE-5x5 (not included)

The **VE-LIGHT** kit adds bright LED illumination to any doorbox or entry phone that is housed in a Viking **VE-5x5**, **VE-6x7** or **VE-5x10** enclosure. It can also be used on Viking's **E-1600A-BLT-EWP** tower phone.

The stainless steel bracket is easily mounted using existing holes and hardware. Two bright white LEDs are used as the light source, so there are no filaments to break or bulbs to burn out.

If used with the **W-1000**, **W-3000** or **W-3005**, the **VE-LIGHT** can be wired directly to the AC power input of the doorbox, or use the included 12 volt power supply. Any power source between 12 and 24 volts, AC or DC can be used to supply the **VE-LIGHT** with power.

Applications

- The **VE-LIGHT** is designed to be used in conjunction with the following products:

Model	VE Model	DOD#
E-10A/EWP	VE-5x5 / SS	210
E-30/EWP	VE-5x5 / SS	212
E-30-PT/EWP	VE-5x5 / SS	214
E-35/EWP	VE-5x5 / SS	178
E-1600-20A/EWP	VE-5x5 / SS	215
E-1600-30A/EWP	VE-5x5 / SS	215
E-1600A-BLT-EWP	(included)	217
E-1600A-BLT2-EWP	(included)	217
K-1500-7	VE-5x10 / SS	352
K-1700-3/EWP	VE-6x7 / SS	157
K-1705-3/EWP	VE-6x7 / SS	159
K-1900-7/EWP	VE-5x10 / SS	364
K-1900-8/EWP	VE-5x10 / SS	362
W-1000/EWP	VE-5x5 / SS	170
W-3000/EWP	VE-5x5 / SS	180
W-3005	VE-5x5 / SS	181

Features

- Ultra bright LEDs for long life
- Easy retro-fit to existing entry phones
- Can use the same power source as doorbox
- Can be powered from 12 to 24 volts AC or DC

Phone...715.386.8861

info@vikingelectronics.com

http://www.vikingelectronics.com

Specifications

Power: 120V AC/12V DC 500mA, UL listed adapter provided or use any 12-24V AC or DC source @ 50mA

Dimensions: 127mm x 8mm x 25mm (5" x 3" x 1")

Environmental: -26°C to 54°C (-15°F to 130°F) with 5% to 95% non-condensing humidity

Shipping Weights: 0.45 kg (1 lb)

Maximum Power Run: 304m (1000 ft) using 24 AWG wire

Material: 24 gauge Marine Grade 316 stainless steel

IF YOU HAVE A PROBLEM WITH A VIKING PRODUCT, PLEASE CONTACT: VIKING TECHNICAL SUPPORT AT (715) 386-8666

Our Technical Support Department is available for assistance Monday 8am-4pm and Tuesday-Friday 8am - 5pm central time. So that we can give you better service, before you call please:

1. Know the model number, the serial number and what software version you have (see serial label).
2. Have your Technical Practice in front of you.
3. It is best if you are on site.

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 obtain a Return Authorization (RA) number. The customer MUST have a complete description of the problem, with all pertinent information regarding the defect, such as options set, conditions, symptoms, methods to duplicate problem, frequency of failure, etc.
2. Packing: Return equipment in original box or in proper packing so that damage will not occur while in transit. Static sensitive equipment such as a circuit board should be 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. C.O.D. or freight collect shipments cannot be accepted. Ship cartons prepaid to:
Viking Electronics, 1531 Industrial Street, Hudson, WI 54016
3. Return shipping address: Be sure to include your return shipping address inside the box. We cannot ship to a PO Box.
4. RA number on carton: In large printing, write the R.A. number on the outside of each carton being returned.

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 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 your distributor, referencing the R.A. number. Your distributor will then replace the product over the counter at no charge. The distributor will then return the product to 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.**

WARRANTY

Viking warrants its products to be free from defects in the workmanship or materials, under normal use and service, for a period of one year from the date of purchase from any authorized Viking distributor or 18 months from the date manufactured, whichever ever is greater. 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 use of the product by the purchaser or others.

Viking's sole responsibility shall be to repair or replace (at Viking's option) the material within the terms stated above. VIKING SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE OF ANY KIND INCLUDING INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING DIRECTLY OR INDIRECTLY FROM ANY BREACH OF ANY WARRANTY EXPRESSED OR IMPLIED, OR FOR ANY OTHER FAILURE OF THIS PRODUCT. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation may not apply to you.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXCLUDED BEYOND THE ONE YEAR DURATION OF THIS WARRANTY. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

Installation

Step 1.	Disconnect power from the doorbox or phone.
Step 2.	Remove the doorbox or phone from the surface mount box (VE-5X5, VE-6X7, VE-5x10 or E-1600A-BLT-EWP).
Step 3.	Connect the two wires from the VE-LIGHT to the power input terminals of the doorbox or use the included power supply and wire nuts (see Diagram 1). Note: Wires can be connected in either polarity.
Step 4.	Place the VE-LIGHT bracket against the upper mounting lip of the surface mount box and route wires through the provided slot (see Diagram 1).
Step 5.	Carefully place the phone or doorbox back into the surface mount box, making sure the wires stay in the slot (see Diagram 2).

Diagram 1

Wiring Shown for:

E-10A/EWP
E-30/EWP
E-30-PT/EWP
E-1600-20A/EWP
E-1600-30A/EWP
E-1600A-BLT-EWP
K-1700-3/EWP

120V AC

12V DC
Adapter
(included)

Wire Nuts
(included)

Wires **MUST** be
routed through the
provided slot.

or

Wiring Shown for:

W-1000/EWP
W-3000/EWP

Rear View of Doorbox
(not included)

Diagram 2

Surface Mount Box
(VE-5x5 shown, not included)

VE-LIGHT

Phone or Doorbox
(W-1000 shown, not included)



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. Contact Panamax at (800) 472-5555 or Electronic Specialists Inc. at (800) 225-4876.

Product Support Line...715.386.8666

Fax Back Line...715.386.4345

Due to the dynamic nature of the product design, the information contained in this document is subject to change without notice. Viking Electronics, and its affiliates and/or subsidiaries assume no responsibility for errors and omissions contained in this information. Revisions of this document or new editions of it may be issued to incorporate such changes.