

**VIKING PRODUCT MANUAL**

COMMUNICATION &amp; SECURITY SOLUTIONS

## Add Ringing to Any Analog Phone Line



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 adequate volume for business offices. 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.

### Features

- Ringing from an analog line
- Connect via screw terminals or modular RJ-11 jack
- 7 ft line cord provided
- Adjustable volume control

### Applications

- Single line ringing
- Night bell ringing
- Business/offices
- Floating employee

**Note:** For larger areas such as small warehouses, see Viking model **SR-1** (DOD# 477) with **25AE** paging horn (DOD# 498).

### Specifications

**Dimensions:** 76mm x 112mm x 36mm (3.0" x 4.4" x 1.4")

**Shipping Weight:** 0.5 kg (1.1 lbs)

**Environmental:** 0°C to 32°C (32°F to 90°F) with 5% to 95% noncondensing humidity

**Maximum Sound Pressure:** 92 dB SPL @ 1 meter (nominal)

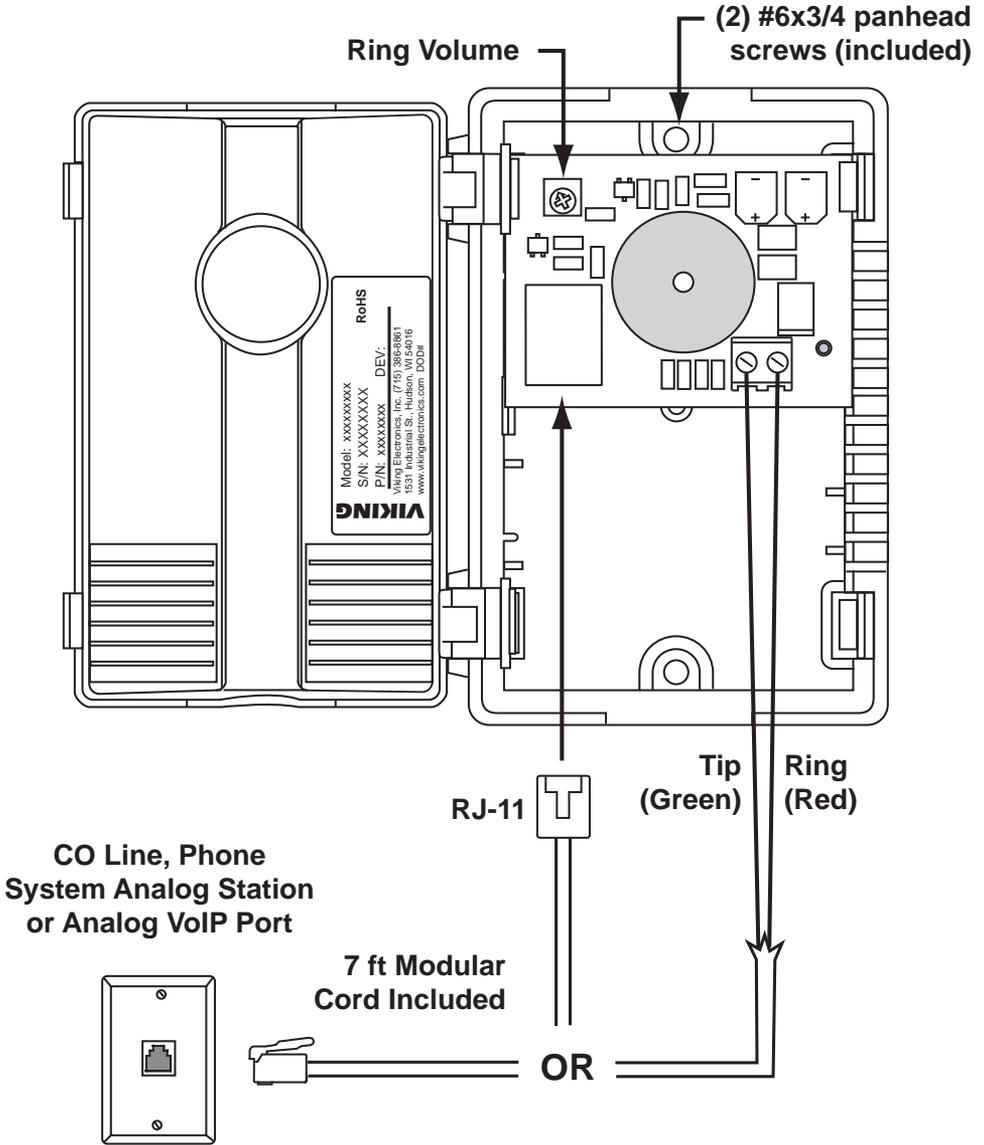
**Minimum Ring Voltage:** 40V AC RMS @ 20-30 Hz

**Connections:** (2) cage clamp screw terminals  
(1) modular RJ-11 jack

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

Information: (715) 386-8861

# Internal View of the LPR-1



### *Provide Line Powered Visual “Ring”, “Off Hook” and Message Waiting Indication*

The Viking model **LPL-1** connects to any standard analog phone line or phone system's analog station port\* to provide visual “Ring” Indication, “On The Phone” indication and “Message Waiting\*\*” indication. The **LPL-1** won't have you guessing which phone is ringing in busy offices. The large flashing LED can be seen up to 100 feet away. When used with a headset on an analog phone, you can end those nagging interruptions that occur when associates don't realize you are on the phone because you are using a headset. The **LPL-1** will light steady indicating to everyone that you are on the phone, flash during ringing or fast flash to indicate message waiting\*\*.

\*Caution: The **LPL-1** is not compatible with digital station ports.

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

**Important:** The **LPL-1** is not designed to recognize stutter dial tone from any analog telephone company line or PABX.



For more Information  
See DOD# 640

### *Provide Line Status and Message Waiting Indication*



For more Information  
See DOD# 697

When used with an analog phone line, the **VR-1B** will provide “ring” indication, “on the phone” indication and “message waiting” indication for both “stutter dial tone” and standard message waiting voltage. In this application the **VR-1B** connects directly to tip and ring.

When used with electronic or digital phones, the **VR-1B** won't have you guessing which phone is ringing in busy offices. The flashing LED can be seen up to 100 feet away. The **VR-1B** connects directly to the electronic phone's speaker.

When used with a headset, you can end those nagging interruptions that occur when associates' don't realize you are on the phone because you are using a headset. The **VR-1B** will flash on and off indicating to everyone that you are on the phone and you are not to be disturbed. The **VR-1B** installs in the handset/headset jack using an included “T” adapter.

### *Add Loud Ringing to Any Analog Phone*



For more Information  
See DOD# 477

The **SR-1** will generate loud ringing from an analog ringing line or from a dry contact closure. There are 4 different ringing sounds to choose from. Loudness is easily adjusted with a volume control and test button.

The **SR-1**'s unique sounding rings are useful for employees that often work away from their desks, allowing them to instantly recognize when their phone is ringing. A second set of contact inputs will trigger a door chime (doorbell) sound. This can be used to notify that a door has opened or used as a door bell or push for assistance button.

The **SR-1** is easy to install and comes complete with a power supply and connections for an optional external speaker.

## Warranty

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

Our Technical Support Department is available for assistance Monday 8am - 4pm and Tuesday through 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 Viking product 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.**

### 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 use of the product by the purchaser or others. 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.

**NO OTHER WARRANTIES.** VIKING MAKES NO WARRANTIES RELATING TO ITS PRODUCTS OTHER THAN AS DESCRIBED ABOVE AND DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTIES OR 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 HEREUNDER.

**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.

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

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.