

TECHNICAL Practice

TELECOM SOLUTIONS FOR THE 21ST CENTURY

LM-1A
**Message Waiting LED
 Lamp Retrofit Kit**
 September 11, 2018

Provide Visual Lamp Indication of Message Waiting and Ringing



The message waiting lamp retrofit kit is compatible with any telephone system with standard DC message waiting voltages ranging from 80V DC to 150V DC.

The **LM-1A** is fully modular for quick plug-in installation by non-telephone personnel. The unit's LED will blink at a steady rate when the message waiting voltage is detected.

The **LM-1A** will also flash when the phone rings, helping to reduce noise in quiet areas by providing a convenient visual indication for ringing or message waiting. **Notes:** 1. *The LM-1A is not designed to recognize stutter dial tone from any analog telephone company phone line or PABX.* 2. *The LM-1A is not compatible with any AT&T phone system.*

Features

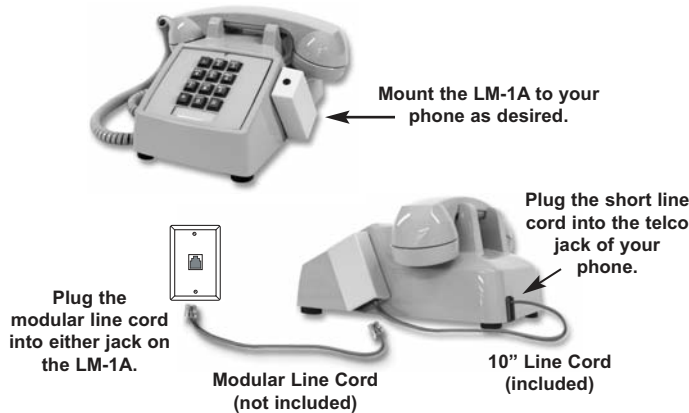
- Attractive styling
- Easy retrofit mounting
- Works with nearly all message waiting voltages
- High output LED for viewing distances of at least 75 ft

Applications

- Message waiting indication on analog lines supplying standard message waiting voltages
- Ring indicator in offices

Installation

Step 1.	Disconnect the modular line cord between the back of the phone and the wall jack.
Step 2.	Use the double-back tape to mount the LM-1A to your phone (see the diagrams below).
Step 3.	Plug a modular line cord (not included) from the wall jack into either jack on the LM-1A .
Step 4.	Plug the included 10" line cord into the telco jack on your phone and the other end into a telco jack on the LM-1A .



Specifications

Input: 80V DC to 150V DC message waiting voltage, minimum 40V AC ring voltage
Viewing Distance: 75 ft typical
Viewing Angle: 110° typical
Dimensions: 2.56" x 1.38" x .79" (65mm x 35mm x 20mm)
Shipping Weight: 1.0 lbs (0.45 kg)
Environmental: 32°F to 90°F (0°C to 32°C) with 5% to 95% non-condensing humidity
Cover Color: Beige
LED Color: Red
Connections: (2) RJ11 jacks

Phone... 715.386.8861

<http://www.vikingelectronics.com>

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.

Warranty

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 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 P.O. 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.**

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.

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