

Introduction

[VK-SR-IP Viking Electronics](#) SIP Loud Ringer with Visual Ring is powered audio equipment. It provides loud volume ringing. It also provides visual ringing. The weight of the product is approximately around one pound. Visual ringing indication is provided for the SIP Voice over IP phone systems. It provides four programmable patterns of ringing. It is connected with the SIP server. For the indication of ringing red LED glows. When the ring tone is detected, the internal relay of the system will trigger the Viking SL 2 Strobe Light.



It has power amplifiers belonging to Class D. They have high efficiency rate than other amplifiers. Moreover, high quality loud speakers are used. The quality of SR IP is normally high than the ordinary speakers in telephones.

It has many advance features, which also includes the automatic control of volume according the density of background noise. The Automatic Gain controlling feature of the equipment does automatic control of volume. This is perfect for usage in classrooms and hotels. Moreover, it can also be used in offices as well. This Loud Ringer will make sure that you will hear the ring without creating any disturbance.

VK-SR-IP Loud Ringer with Visual Ring Applications

It is perfect equipment for the loud and noisy areas where you cannot hear the ringing because of excessive noise like offices and classrooms. Other than, it is also appropriate to use in relatively silent areas like church, hospital and theatre.

VK-SR-IP Loud Ringer with Visual Ring Key Features

Following are the key features of the device.

- ü Two Ampere Single Pole Double Throw Relay network is used for controlling Viking LPL-1.
- ü For the indication of ringing Red LED is used.
- ü Session Initiation Protocol (SIP) compliance
- ü Power over Ethernet
- ü According to the background noise, the volume is adjusted. This adjustment is done with the help of Automatic Gain Control.
- ü You can mount it directly on the wall. It is 4" x 4".
- ü You can easily operate this device in the temperature range from -40 degree Fahrenheit to 140 degree Fahrenheit. This is a wide range of temperature.
- ü It has four types of ring tones.
 1. Normal
 2. Double
 3. Short-Short-Long

4. Short-Long-Short

- ü Firmware of the device is easily network downloadable.
- ü You can operate the device remotely and can also program it.
- ü You can also adjust the volume of the device from far.
- ü It consists of Testing MIC and speaker.

VK-SR-IP Loud Ringer with Visual Ring Specifications

Following are the specifications of [VK-SR-IP](#) Loud Ringer with Visual Ring.

- ü It can be operated with 6.5 Watts. It has a class 2 power amplifier.
- ü The weight of the device is approximately 0.75 kg.
- ü It can be operated between the temperature ranges of -40 degree Celsius to 60 degree Celsius. This is a very wide temperature range.
- ü The humidity range for the device is from 5.0% to 95.0%.
- ü The sound pressure for the device is 93 dB
- ü It can be connected with the help of RJ 45.
- ü You can also use gel filled butt connectors to connect VK-SR-IP Loud Ringer.
- ü It uses IEEE 802.3 protocol.
- ü It has a red LED indicator on the front.
- ü A microphone for the AGC is also placed on the front of the device.
- ü Internally it has a reset switch.

ü Internally there are yellow colored lights, which indicate the activity of network connection.

VK-SR-IP Loud Ringer with Visual Ring Device Network Configurations

For the network configuration of the device one need to follow the following steps.

1. Install the device manager of Viking [VK-SR-IP](#) Loud Ringer on the personal computer. The computer should be connected to the same LAN as the VK-SR-IP Loud Ringer is connected.
2. The windows will indicate the connectivity of VK-SR-IP Loud Ringer to the computer. It will show a menu. The menu indicates the number of VK-SR-IP Loud Ringers connected to the computer.
3. Select the one, which have the same MAC address as shown on the label of the VK-SR-IP loud ringer.
4. Now click the button “Connect”.
5. If the connections are made according to the requirements then window will appear which will ask for the security code. You can factory set the device by entering the code mentioned in the manual of the device.
6. Now click the button “OK”.
7. After entering the code, it will be factory reset.
8. After this, the program will display the settings of the VK-SR-IP Loud ringer with Visual Ring device on the computer. Now you can manually program the settings of the device according to your specific need.
9. Make the changes in setting of IP and phone.
10. Now click on the “Enter” or “Write” button for transferring the changed settings to the device.

The call button on W-3000-EWP is when pressed then it generates a ring which may be standard or custom. The ring cadence have an adjustable number of rings. The W-3000-EWP have an advance feature that is

enhanced weather protection. This is mainly used for outdoor programs where it is exposed or set to condensation or other outdoor issues. This product has many features such as sealed connectors, for easy programming DIP switches are available, trim pots which are adjustable. It also has a gel filled connectors and a urethane or circuit boards (thermal plastic) with internally sealed. They are used in residential, commercial and industrial door security. This product has beneficially influenced a lot of people who are using it.

Features

- As it is a weather resistant stainless steel box so it's almost all features include the following features
- They include yellow call progress that is night light LEDs
- There speakers have a good pitch with a volume adjustable pot. There microphones also have the same feature in them.
- They have a talk battery of about 24 volt
- They give us 20 Hz ring generator having maximum load of 3.0 REN ring
- Ring cadence is selectable which can be standard or of 2 short rings and the number of rings which are selectable are 2,3,10 or 30
- There is a selectable feature for noisy environments that is PUSH-TO-TALK
- The extended operating temperature ranges from -15F to 130F
- The face plate provided in this model is 14 gauge vandal resistant and stainless steel with graphics which are permanently etched with laser
- Mylar speaker
- They provide us heavy-duty push buttons (usually metallic)
- The mic mount is self draining
- As IP66 ingress protection has high featured so enhanced weather protection (EWP) is designed according to it so it can meet its requirements.

Specifications

The specifications of this model are described as following

- The power of the EWP is 120VAC / 13.8VAC 1.25A UL listed adapter provided
- This product is used in a lot of countries. it is shipped usually and has a weight of 4 lbs. (1.81 Kg)
- The overall dimension of this product is 5.0 x 5.0 x 2.25 (127mm x 127mm x 57.2mm) and its dimension in box (rough dimension) is 4.0 x 4.0 x 2.12 (102mm x 102mm x 54mm)
- As it is a weather device so its temperature does not remain constant so its operating temperature is from -15F to 130F (-26C to 54C)
- This product works in all kinds of weather even if the temperature is severe that is also at 100% humidity
- Talk battery output is 24 VDC
- Ringer output is 20 Hz or at maximum it is 6.0 REN
- The maximum length of its line loop is 6300 ft. (1.9 km) , 24AWG
- The maximum power run length using a CAT5 wire is defined below

1 pair covers up to 150 ft.

2 pair covers up to 300 ft.

3 pair covers up to 450 ft.

This power run length is not constant it may be increased

- The connectors used in this product are gel filled connectors and the screws are stainless steel.

Certifications

The certifications are the EWP and the IP66.

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