

Operators Manual

# True RMS Voltstik

Radio Linked Multiple Reading Voltmeter

Region One

Region Two

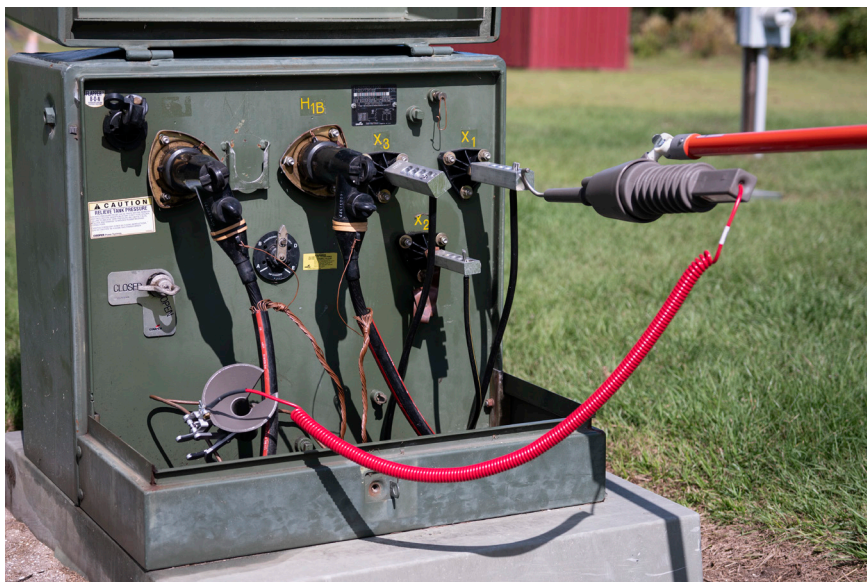
Region Three



## Radio Voltstik *Overhead*



## Radio Voltstik *Underground*



# Operators Manual

## True RMS Radio Voltstik

### Radio Linked Multiple Reading Voltmeter

Available Stock Codes:		
8-13302-50HZ	8-13302-50HZ-EU	8-13302-50HZ-868
8-13302-60HZ	8-13302-60HZ-868	
8-121RAV	8-121RAV EU	8-121RAV 868

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## SAFETY INFORMATION



Read all safety and instruction statements before using the product. Failing to follow the safety guidelines can cause severe injury or death.



Radio Voltstiks are designed for use on live, overhead lines with 0 to 37,000 Volts. All procedures appropriate for the line voltage are to be taken, including proper work techniques, equipment, and Personal Protection Equipment.



The Radio Voltstik should be used by personnel who have been trained for live-line, high voltage work by their organization.



The hot stick length must be the correct for line voltage per minimum approach distances stated in published OSHA regulations and/or provided by the utility.



Maintain all personnel a minimum of six feet away from the red extension cable.



The cover plate, chuck, probe section, resistor section, and entire Radio Voltstik Transmitter are to be considered at the same potential. Putting the cover plate, chuck, or other parts of the Radio Voltstik within the air gap of adjacent phases or ground could cause a phase to phase or phase to ground fault.



Do not alter the product in any manner.

## THEORY OF OPERATION

The True RMS Radio Voltstik has been developed specifically for measurement of AC voltages for P-P and P-G measurements on both Overhead and Underground distribution circuits with 0 - 37,000 Volts.

The True RMS feature allows accurate measurement of voltage even when the nominal waveform is distorted or when harmonics are present. The only points on the meter that conduct a signal are the two ends, which is the safest method for taking two-point voltage measurements.

The receiver display gives instant confirmation of the reading, and the user has the option to hold the receiver in their hands, mount it to a hot stick, or mount it to the bucket. This safe and reliable design allows the user to keep both eyes and hands on the task of taking the measurement.



## FCC and Canada Industry Statements

This device complies with Part 15 of the FCC Rules and contains license-exempt transmitter/receiver that comply with Innovation, Science and Economic Development Canada's license-exempt RSS.

*Operation is subject to the following two conditions:*

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

*L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:*


1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## Declaration of Conformity

TRADE NUMBER:	SensorLink Corporation
MODEL NUMBER:	8-121RAV
COMPLIANCE TEST REPORT NUMBER:	106048
COMPLIANCE TEST REPORT DATE:	04 April 2022
RESPONSIBLE PART (IN USA):	SensorLink Corporation
ADDRESS:	1360 Stonegate Way Ferndale, WA 98248 USA
TELEPHONE:	(360) 595-1000

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the unit does cause harmful interference to radio or television reception, please refer to your user's manual for instruction on correcting the problem. I the undersigned, hereby declare that the equipment specified above conforms to the above requirements.

Place: Whatcom County

Signature: 

Date: 01 May 2022

Full Name: Tenaya Tinsley

Position: President

# SPECIFICATIONS

<b>Kit Number</b>	6-133 Kit <i>(Includes both 8-13302 Voltstik &amp; 8-121RAV Receiver)</i>
<b>Range of Operation</b>	
Voltage	0 - 37kV 0 - 15 kV <i>(Underground with bushing adapter)</i>
<b>Frequency</b>	
50Hz Calibrated	47 to 53Hz
60Hz Calibrated	57 to 63Hz
<b>Resolution</b>	1 Volt
<b>Accuracy</b>	± 1% ± 2 Volts
<b>Mechanical</b>	
Operations Controls	Single Button Operation
Weight	
8-133 Voltstik Assembly	5.77 lbs, 2.62 kg
8-121RAV Receiver	.78 lbs, 0.35 kg
Display	Five Digit Display
Backlight	Auto Ambient Light Sensor
Type of Reading	Four Readings
Housing	Fire resistant and waterproof polycarbonate & silicone
Hotstik Mounting	Universal Chuck Adaptor <i>(hotstik not included)</i>
Battery	9 Volt <i>(one each in Transmitter and Receiver)</i>
Battery Life	Five days continuous use
<b>Operating Temperature</b>	-30° to +60° C (-22° to +140 ° F)
<b>Radio</b>	
Frequency Region One	868.27 MHz
Frequency Region Two	915.53 MHz
Frequency Region Three	915.53 MHz
Power	1 milliwatt
Range	50 Feet (15.24 Meters)
Modulation Network Standard	2FSK



## Power on Radio Voltstik

### Turning on the Voltstik

Both the Probe and the Receiver need to be powered on to take a measurement.

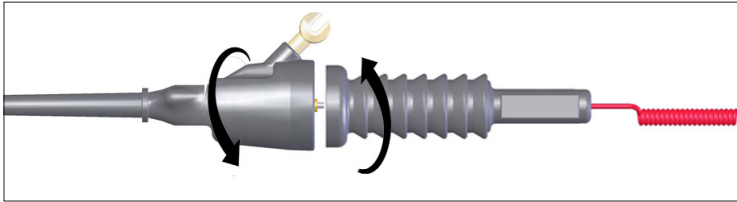
#### Turn on the Voltstik Transmitter.

Press and release the switch on the Probe. The LED on the Probe will flash once a second for a few seconds, indicating that it is powered on and in the Voltage measurement mode. It will continue with a single blink every two seconds.



#### Assemble the Voltstik Transmitter.

Connect the Probe and the Resistor. Make sure that the probe is securely screwed into the resistor but do not over tighten.



## Voltstik Receiver Display Functions

### Turn on the Ampstik/Voltstik Receiver.

Press and release the on/off/hold switch on the Receiver. The Receiver will automatically sense and connect to the Radio Voltstik Transmitter. The receiver will display "noSiG" until the radio in the Transmitter communicates to it. The receiver is designed to operate with both the Radio Ampstik as well as the Voltstik.

#### RUN Mode (Default Mode)

The reading continuously changes as the voltage changes. The unit is immediately in the RUN mode after powering on. The receiver will display the real-time voltage of the line. The display updates three times every second.

### **To HOLD a Reading**

Press and release the button when the desired reading is displayed. The Receiver will hold the reading in the display and store the reading in the Receiver's memory. After three seconds, the receiver will return to the RUN mode. The Receiver can hold up to four readings. All held readings will be stored in the Receiver's memory until they are erased, or until the receiver is powered off.

### **To review HELD Reading**

Press and hold the control switch on the Receiver Display and scroll until HELD appears on the display. The number of the reading that is being viewed will flash in the upper left corner of the display. To scroll to the next reading, press and release the control switch. Repeat this to scroll through all the readings.



### **ERASE Mode - Clearing the stored measurements**

If the instrument has four readings in its memory and another attempt is made to take a reading, the display will show FULL and return to the RUN mode. You must first go to the ERASE mode to clear the stored readings before taking any further readings. Press and hold the control switch on the Receiver Display, when the ERASE option appears, release the control switch. After running the ERASE mode, all the data will be cleared, and the Display will return to the RUN mode. The data will also clear when the OFF mode is selected.

### **Manual Instruments OFF**

Receiver Display: Press and hold the control switch on the Receiver Display and scroll to the OFF option. Release the control switch.

Voltstik Transmitter: Press and hold the control switch until the LED goes to solid GREEN. Release the control switch.

### **Automatic Instruments OFF**

The Receiver Display will turn off automatically after 60 minutes of inactivity.

The Voltstik Transmitter will turn off automatically if 60 minutes pass with the voltage at less than 1000 volts.

## Backlight

The Receiver Display is designed to automatically power on when the ambient light is low. This helps users view the display in low-light situations. The light sensor is located on the front of the unit.

The user may see some flicker if the backlight is on when under artificial lighting. By default, the unit will start in Auto on/off mode on each power on. The modes may be changed manually during use of the unit. The unit will return to the measurement mode the unit was in before the backlight change.

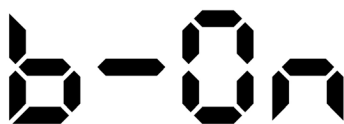
### **Backlight:** *Auto on/off*

Press the control switch on the Receiver Display until the following screen shows "b-Au". The backlight will now automatically power on when light is diminished and power off when light is brighter.

The image shows a digital display with the text "b-Au" in a black, segmented font. The "b" is on the left, followed by a hyphen, and then "Au" on the right. The entire display is enclosed in a thin black rectangular border.

### **Backlight:** *Always on*

Press the control switch on the Receiver Display until the screen shows "b-On". The backlight will stay on until the unit is powered off and restarted, or the backlight option is manually changed. Battery life will diminish faster when the backlight option is always on.

The image shows a digital display with the text "b-On" in a black, segmented font. The "b" is on the left, followed by a hyphen, and then "On" on the right. The entire display is enclosed in a thin black rectangular border.

### **Backlight:** *Always off*

Press the control switch on the Receiver Display until the screen shows "b-OFF". The backlight will stay off until the unit is powered off and restarted, or the backlight option is manually changed.

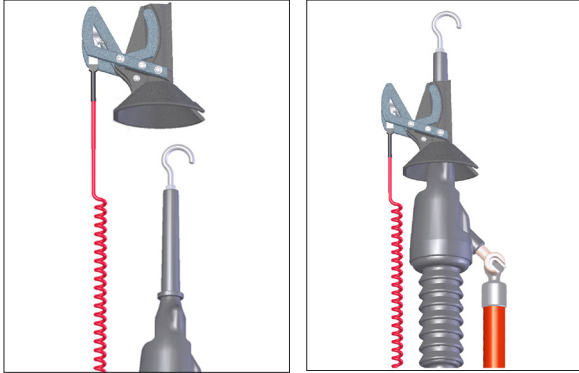
The image shows a digital display with the text "b-OFF" in a black, segmented font. The "b" is on the left, followed by a hyphen, and then "OFF" on the right. The entire display is enclosed in a thin black rectangular border.

# Voltstik Operating Instructions

## Taking a Phase to Ground Measurement

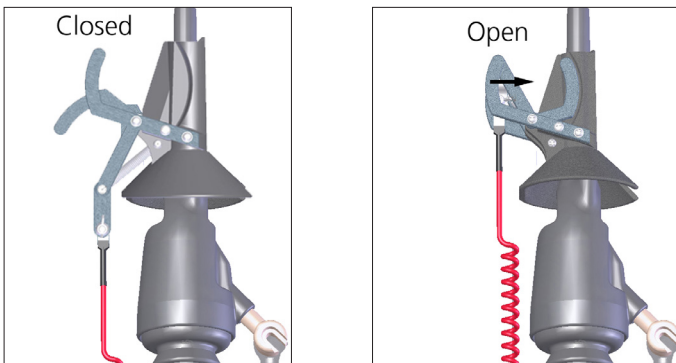
**Step 1:** Power on and assemble per the instructions on page eight.

**Step 2:** Slide the AutoClamp into place on the shaft of the probe. Be sure the coiled cable is not tangled; this will impair the ability to smoothly stretch and retract the cable.



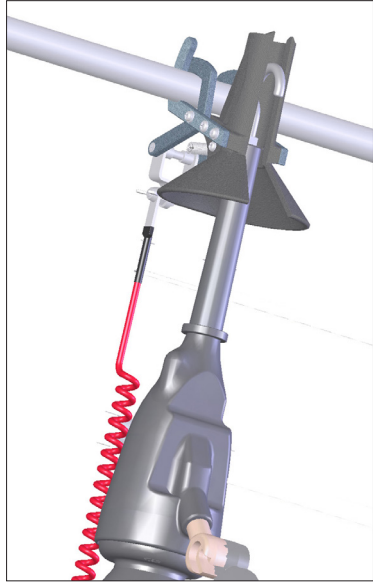
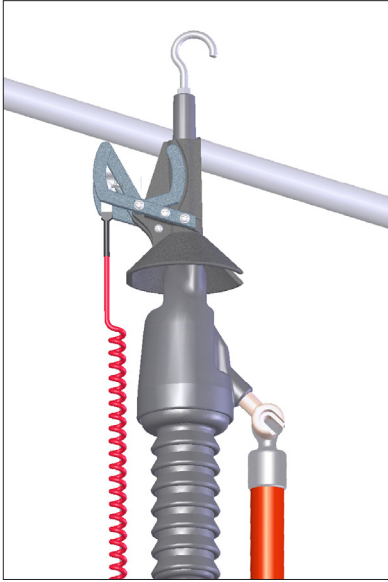
**Step 3: Attaching the hot stick.** Attach the Voltstik to a universal hot stick. Tighten the bolt to make sure the instrument is well secured to the hot stick.

**Step 4: Preparing the AutoClamp.** Open the arms of the AutoClamp into the open position. The spring should be in the stretched position when the clamp is open.



**Step 5: Connecting to the neutral.** Guide the base of the arms on the AutoClamp to the cable, neutral or ground, and force the conductor to apply pressure to the moving arms of the clamp. The moving arms of the clamp should quickly close making a secure connection with the cable.

**Step 6:** Turn the Probe until the hook is in line with the slot of the AutoClamp, pull down through the slot to separate the head unit from the AutoClamp.



**Step 7: Making contact with the first Phase.** Take the Probe up to the first phase and make good contact with the conductor.



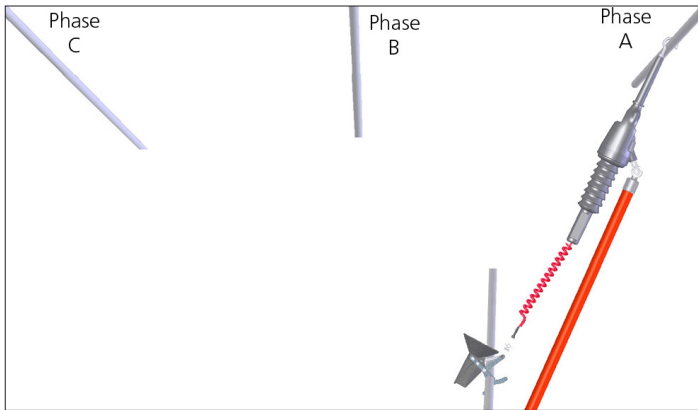
Only approach the phase you are intending to measure. Make sure all parts of the Voltstik stay out of the air gap that surrounds the adjacent phases. Failure to do so could result in damage to the instrument and/or a phase to phase fault, endangering the user and surroundings.



Extreme caution must be taken when working in compact areas. In this situation the seam between the Probe and the Resistor should be treated as if it possesses the same voltage potential as the contact end of the Probe.



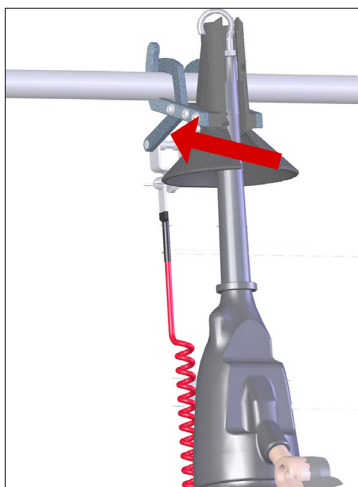
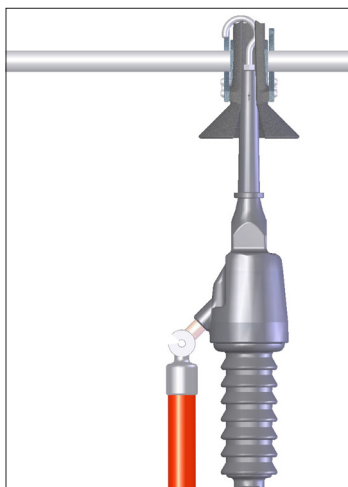
Maintain All Personnel a minimum of six feet (two meters) away from the extension cable.



**Step 8: Holding a reading.** When a quality contact with the phase is made, press and release the button on the Receiver to store the first reading. See page eight.

**Step 9: (Optional) Measuring the next Phase(s).** Remove the Probe from the first phase and move it to the next phase making good contact with the conductor. The Voltstik can store up to four readings.

**Step 10: Removing the AutoClamp.** When your last measurement has been held, remove the Probe from the phase and return to the AutoClamp. Place the hook of the Probe so it will slide directly up into the AutoClamp. Push the Probe all the way into the clamp; then turn the head unit 90 degrees so that the hook on the Probe will grasp the side of the Auto Clamp when pulling down; push against the cable; and pull straight down.

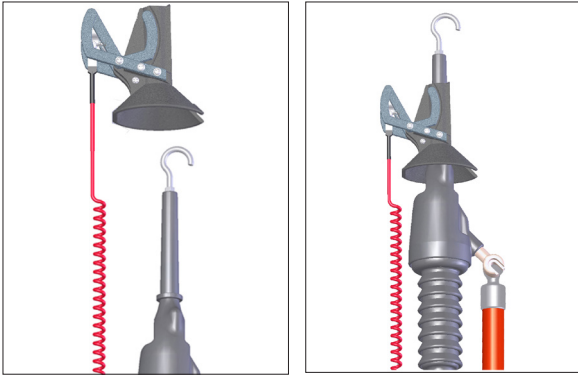


# Voltstik Operating Instructions

## Taking a Phase to Phase Measurement

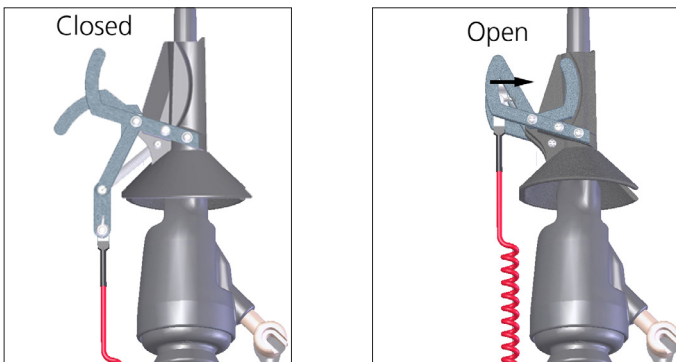
**Step 1:** Power on and assemble per the instructions on page eight.

**Step 2:** Slide the AutoClamp into place on the shaft of the probe. Be sure the coiled cable is not tangled; this will impair the ability to smoothly stretch and retract the cable.



**Step 3: Attaching the hot stick.** Attach the Voltstik to a universal hot stick. Tighten the bolt to make sure the instrument is well secured to the hot stick.

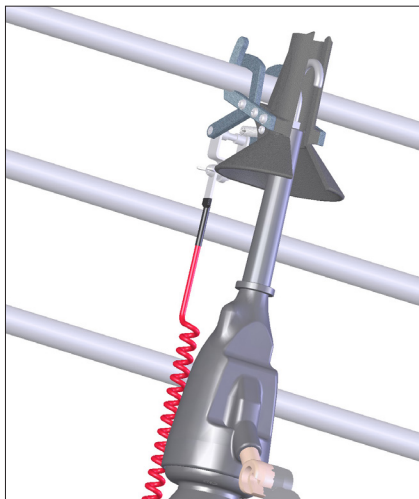
**Step 4: Preparing the AutoClamp.** Open the arms of the AutoClamp into the open position. The spring should be in the stretched position when the clamp is open.





**Step 5: Connecting to the Reference Phase.** Using the hot stick, approach the phase with the instrument. Guide the base of the arms on the AutoClamp to the cable and force the conductor to apply pressure to the moving arms of the clamp. The moving arms of the clamp should quickly close, making a secure connection with the cable.

**Step 6:** Turn the Probe until the hook is in line with the slot of the AutoClamp, pull down through the slot to separate the Probe from the AutoClamp. See page 19 if the Finger of the Probe binds to the Autoclamp.



**Step 7: Making contact with the first Phase.** Take the Probe up to the first phase and make good contact with the conductor.



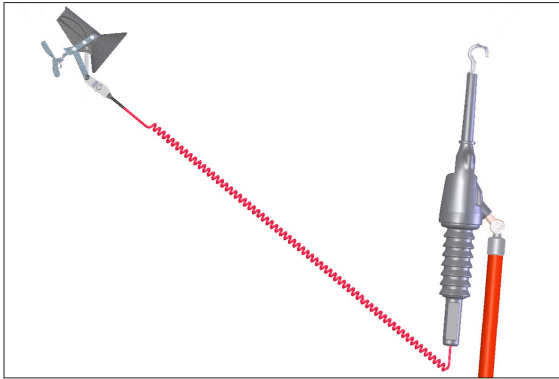
Only approach the phase you are intending to measure. Make sure all parts of the Voltstik stay out of the air gap that surrounds the adjacent phases. Failure to do so could result in damage to the instrument and/or a phase to phase fault, endangering the user and surroundings.



Extreme caution must be taken when working in compact areas. In this situation the seam between the Probe and the Resistor should be treated as if it possesses the same voltage potential as the contact end of the Probe.



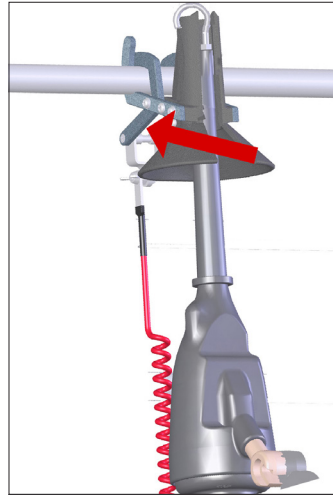
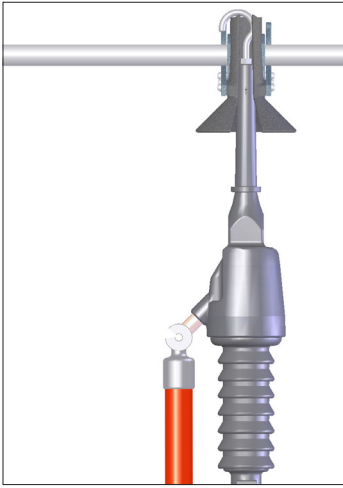
The Red Wire is energized in this application. Maintain All Personnel a minimum of six feet (two meters) away from the extension cable.



**Step 8: Holding a reading.** When a quality contact with the phase is made, press and release the button on the Receiver to store the first reading. See page eight.

**Step 9: (Optional) Measuring the next Phase(s).** Remove the Probe from the first phase and move it to the next phase making good contact with the conductor. The Voltstik can store up to four readings.

**Step 10: Removing the AutoClamp.** When your last measurement has been held, remove the Probe from the phase and return to the AutoClamp. Place the hook of the Probe so it will slide directly up into the AutoClamp. Push the Probe all the way into the clamp; then turn the head unit 90 degrees so that the hook on the Probe will grasp the side of the Auto Clamp when pulling down; push against the wire; and pull straight down.



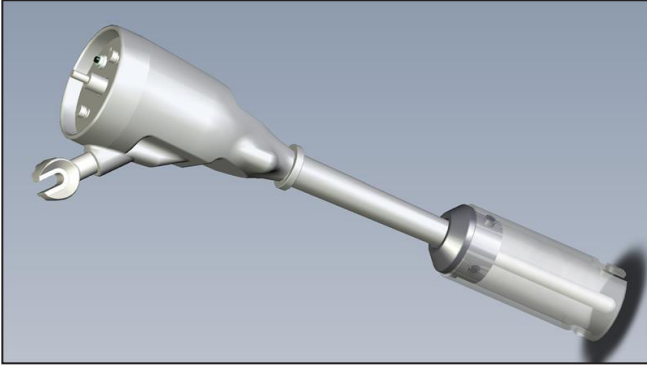
# Voltstik Operating Instructions

## Making a Phase to Ground Measurement on Underground Bushings

*Optional equipment required. Contact SensoLink for order details*

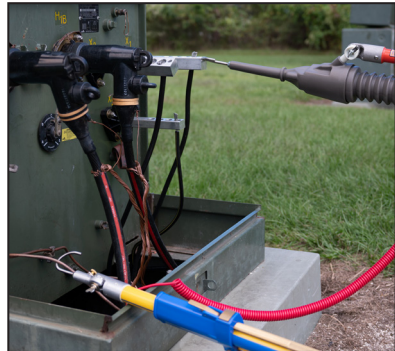
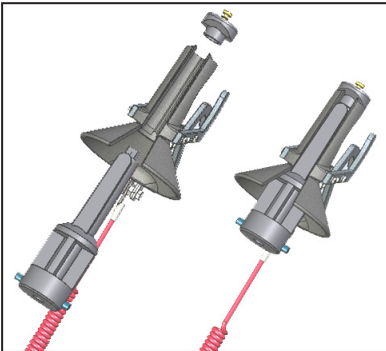
### **Step 1: Setting up the Voltstik with bushing probe**

Remove the hook from the Voltstik Probe and screw the Bushing Probe onto the end of the Voltstik Probe



### **Step 2: Setting up the Voltstik clamp adaptor**

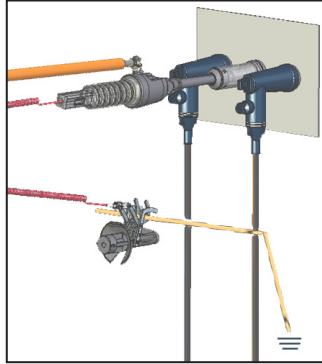
- Unscrew the top of the Auto Clamp Adaptor and Insert the body of the Auto Clamp Adaptor into the Auto Clamp.
- Attach the top of the Auto Clamp Adaptor.
- Dock the Bushing Probe to the Auto Clamp Adaptor by matching up the nubs on the Auto Clamp Adaptor to the open slots on the Bushing Probe, and rotate the Voltstik Probe to get the nubs into the notch



**\*Using the Auto Clamp Adaptor is not required if the end of the Extension Cable can securely clamp to a bare grounded cable.**

### ***Step 3: Taking a Measurement***

- Uncover the dust cover or elbow from the bushing to be measured
- Press the Auto Clamp onto an exposed bare ground wire, or if able to securely clamp the Extension Cable directly to the bare grounded cable\*
- Rotate the Voltstik and release it from the Auto Clamp
- Insert the Bushing Probe into the bushing



### ***Step 4: Recovering the AutoClamp***

- Remove the Voltstik and Bushing Probe from the bushing
- Align the Bushing Probe into the Auto Clamp Adaptor
- Rotate the Auto Clamp off of the ground wire
- Pull the Auto Clamp off of the ground wire

## High Voltage Operation

This instrument is designed to operate in high voltage fields. However, difficulty may be experienced when excessive corona to the instrument occurs. This may occur when the line voltage is greater than 37 kV.

## Low and High Temperature Applications

The Alkaline Battery limits the operation of the Radio Voltstik from -20°C (-4°F) to 54°C (129°F). By substituting a Lithium long-life battery, the Radio Voltstik can operate from -30°C (-22°F) to 60°C (140°F). 9-volt Lithium batteries are the same long-life batteries used in smoke detectors. They sell under the brand names UltraLife and Energizer.

Alkaline operating time reduced to 25% at -4° F or -20° C

Lithium operating time reduced to 75% at -4° F or -20° C.

## Transporting

There are no special considerations for transporting the device.

## Battery Replacement

The Voltstik transmitter and display are powered by a two 9V batteries, one in each unit. When the "LO BAT" indication shows on the Receiver Display, the batteries in the Receiver Display should be replaced.



When the "LO BAT" indication and "UPPER" shows on the Receiver Display, the batteries in the Probe Transmitter should be replaced. They will continue to operate for a few hours.



**Probe Transmitter:** Remove the two thumbscrews on the faceplate. Pull the battery out of the compartment and separate the battery from the battery connector. Install a fresh battery and reinsert the battery in its compartment. Reinstall the cover by gently pressing it into place. Take care to avoid overtightening the thumbscrews. Always reuse the thumbscrews provided.

**Receiver Display:** Loosen the screw on the battery cover at the side of the unit. Pull the battery out of the compartment and install a fresh battery, observing the correct polarity. Secure the cover by closing and tightening the screw on the battery cover.

**Warning: Battery may explode if mistreated. Do not recharge, disassemble or dispose of in fire.**

**IF USING LITHIUM BATTERY:** Replace battery with Energizer Model L522 OR Ultralife U9VL only. Use of another battery may present a risk of fire or explosion. Replacement batteries may be obtained from SensorLink, or elsewhere Energizer or Ultralife batteries are sold.

## Cleaning & Preventative Maintenance

The SensorLink Radio Voltstik is an electronic meter, built to be used in the harsh conditions of high voltage environments. To ensure its continued lifetime use, clean and dry the entire meter before storing in the carrying case, do not drop the meters, do not alter the units in any manner, and visually inspect for cracks in the housing. Contact SensorLink for the evaluation of any cracks, holes, or tears present in the molded housing.

The Transmitter and Receiver can be cleaned by wiping with a silicone hot stick wipe to remove dirt, grime, and salt that will degrade the urethane housing. The Probe and Auto-clamp are treated at the factory with a silicone based hot stick wipe and a sample is sent with every Radio Voltstik. Re-apply as necessary to avoid the Auto-clamp from binding to the Probe when employing to a line.

Contactors in both the Transmitter and Receiver should be visually inspected to verify the connection tabs and connection are clean of debris, and are not bent or missing.



## Troubleshooting the Voltstik

### Unit(s) will not power on

Verify there are fresh batteries in both units.

### Backlight Flicker

Due to the refresh rate of the light, some users may see flicker if the backlight is on when under artificial lighting.

### Receiver Display indicates noSiG

This indicates that the Receiver is not receiving a signal from the Transmitter. Make sure that the Transmitter is turned on and within range of the Receiver Display.

### Voltstik locked up

1. Remove the battery to initiate a restart of the product.
2. The Voltstik will lock-up if it is used on conductors with higher voltages than its rating. If this occurs, the unit will transmit only the last measurement read. The unit will have to be returned to the factory for evaluation and repair to ensure unit integrity and safety.

### Receiver Display is toggling between amp and volt modes

In the volt/amp menu, change the selection from VA-On (which automatically selects the mode) to V-On, which will manually put the Receiver Display in volt mode.

## Service and Repair Questions

Please contact SensorLink or an authorized agent for the return process of product for evaluation, repair, calibration, and verification.

### SensorLink Corporation

Tel: (360)595-1000

Fax: (360)595-1001

E-mail: [info@sensorlink.com](mailto:info@sensorlink.com)

Web: [www.sensorlink.com](http://www.sensorlink.com)

**Scan code for more production information on the Radio Voltstik.**





# SENSORLINK CORPORATION

## LIMITED WARRANTY

### What Does This Warranty Cover?

This warranty covers the following with respect to new, non-custom SensorLink products (the "Product"):

- Defects in materials
- Defects in workmanship
- Damages occurring during shipping from SensorLink if shipped under FOB Freight Allowed shipping terms

### How Long Does This Warranty Last?

This warranty runs for twenty-four (24) months from the date of invoice by SensorLink.

### What SensorLink Will Do:

If a defect in materials or workmanship or shipping damages as described above occurs within the warranty period, SensorLink will, at its election, repair or replace the Product at no charge or provide a refund.

### What This Warranty Does Not Cover:

This warranty does not cover or apply to:

- Any defects or damages caused directly or indirectly by misuse, abuse, disassembly, alteration, negligence, accident, act of God, improper voltage, or improperly or incorrectly performed maintenance or repair
- Any defects or damages caused by any connection, installation or use of the Product not in compliance with the instructions and specifications for its use
- Any defects or damages caused by any alterations, modifications or repairs not made by SensorLink
- Third party products connected to the Product or in which the Product is installed
- Any Product purchased by the user in used condition
- Any custom Product produced by SensorLink
- Any Product repaired or calibrated by any party other than SensorLink

### No Other Warranties:

OTHER THAN THE WARRANTIES PROVIDED HEREIN, SENSORLINK MAKES NO EXPRESS OR IMPLIED, ORAL OR WRITTEN WARRANTIES WITH RESPECT TO THE PRODUCT AND ALL SUCH WARRANTIES ARE EXCLUDED BY AGREEMENT AND SHALL NOT BE IMPLIED BY LAW, CUSTOM, USAGE, TRADE PRACTICE, COURSE OF DEALING OR COURSE OF PERFORMANCE. ALL WARRANTIES IMPLIED BY LAW, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH CANNOT BE EXCLUDED BY LAW ARE LIMITED TO THE DURATION OF THE WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

### Limitation On Damages:

SENSORLINK SHALL IN NO EVENT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERTY OR FOR INCIDENTAL, CONTINGENT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING FROM USE OF THE PRODUCT. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

## **How Do You Get Warranty Performance?**

In order to be eligible under this warranty, you must promptly contact SensorLink upon discovery of a possible defect, supply a copy of this warranty along with proof of purchase, and request a return material authorization (RMA). If you do not contact SensorLink within the twenty-four (24) month warranty period, your rights under this warranty will terminate. All warranty correspondence should be directed to:

SensorLink Corporation  
1360 Stonegate Way  
Ferndale, WA 98248  
(360) 595-1000

SensorLink will begin its inspection of the Product within five (5) business days of receipt and will contact you when its inspection is complete. If the inspection uncovers a defect, SensorLink will repair or replace the Product and pay for the cost of shipping the Product back to you. Alternatively, SensorLink may issue you a refund of your original purchase price.

If the inspection does not uncover a defect, or the defect resulted from causes not within the scope of the warranty, then the Product will be replaced only at your request and at your expense and you must bear all costs of shipping the Product. Additionally, you will be responsible to reimburse SensorLink for its evaluation expenses and Product verification fee. You may obtain SensorLink's current fees by calling the number listed above.

## **How Does State Law Apply?**

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

## **Choice of Law:**

This warranty, including without limitations the rights and responsibilities granted hereunder, shall be governed and construed in accordance with the laws of the State of Washington, without regard to the conflicts of law provisions thereof.

## **Severability:**

If any provision of this warranty is held unenforceable or illegal, or otherwise limited in its application, by a court or other authority with competent jurisdiction, such provisions shall be modified to the minimum extent required such that the rest of the warranty will continue in full force and effect in accordance with its terms.

## **Entire Agreement:**

This writing embodies the entire limited warranty of SensorLink, and no other warranties are given beyond those set forth herein. No oral agreements or understandings shall be binding on SensorLink. SensorLink neither assumes, nor authorizes, anyone (including without limitation SensorLink agents, employees or contractors) to assume or create for it other obligations or liabilities or modify in any way any item or provision of this warranty.



# Quality Assurance Certification

## True RMS Voltmeter

### Model: 8-13302

SensorLink certifies that its calibration measurements are traceable to the National Institute of Standards and Technology (NIST), to the extent allowed by the Institute's calibration facility, and to the calibration facilities of other International Standards Organization members.

This document certifies the following True RMS Voltmeter was tested at the SensorLink High Voltage Laboratory, Ferndale, WA, USA to the appropriate standard and comply with the requirements of that standard.

Sensor Transmitter Volt Meter; Model 8-13302; Serial Number: \_\_\_\_\_

I hereby certify that the True RMS Voltmeter listed above has passed all tests defined in the SensorLink standard. I also certify that I have reviewed the standard and test procedure and that they are sufficient in determining compliance with the standard.

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

**Scan code for more production information on the Radio Voltstik**



Form No: SALE-Manual Template Voltstik-012 REV: V04

Date: 01/2024

Manual Stock Code No: DOPM-813-101

Information contained in this document is preliminary and subject to change without notice. Product specification may change. Contact your SensorLink representative for the most current product information.

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These products proudly  
made in the USA.



**SensorLink®** Corporation

1360 Stonegate Way  
Ferndale, WA 98248 USA  
phone: 360/595.1000  
fax: 360/595.1001  
[www.sensorlink.com](http://www.sensorlink.com)