

# RADIO AMPSTIK®

RADIO LINKED HIGH VOLTAGE AMMETER

## FEATURES

- Measure .5A - 5000 Amps with 1% accuracy
- Radio display with 50' range
- Measure in HV environments up to 133 kV
- Operates in a non-license radio frequency
- Direction of Flow Indication



## CHECK AMPS TO VERIFY THE LOAD

Use the Radio Ampstik for safe and easy verification of live-line amp and current flow values on primary or secondary circuits in the utility distribution system.

The Radio Ampstik uses the same current sensor technology as the original SensorLink Ampstik. It quickly takes accurate current measurements and direction of current flow indication. Knowing source and load direction is essential for power system protection, load balancing, and metering.

Using a live-line meter to verify direction of current flow on underground and overhead is a reliable method of collecting the data needed for troubleshooting and identifying source and load in bidirectional circuits.

With the remote display, the user views communicated readings up to 50 feet from the sensor. The receiver can be held, attached to a hot stick, or hung on the bucket. This practical and useful display allows the user to keep both eyes and hands on the task of taking the measurement.

The current sensor does not use magnetic materials and has no moving parts. The opening of the sensor is electronically closed and external currents are also electronically rejected. The sensor is not position sensitive; just slip the Radio Ampstik over a conductor to take a measurement.

When in RUN mode, the receiver shows the current measurement and continues to update the reading three times per second. Users hold up to four readings on the remote display by pressing and releasing the switch when on a live line. The held readings can then be reviewed.

The combined abilities of being able to easily store and retrieve data, while allowing the user to place the display wherever it is most useful, makes the Radio Ampstik the best solution for safe and reliable instrumentation.



Radio Display with Direction of Flow



Radio Ampstik, Overhead Conductor

# APPLICATIONS

Verify current before breaking load

Power diversion investigation

Check for load balance

Conduct load studies



Radio Ampstik Kit



Radio Ampstik WJ available

## RADIO AMPSTIK SPECIFICATIONS

Model Number	6-122XT Kit (Includes 8-122XT Transmitter & 8-121RAV Receiver Display) 6-122WJ Kit (Includes 8-122WJ Transmitter & 8-121RAV Receiver Display)	
Frequency, 50Hz	47 to 53Hz	
Frequency, 60Hz	57 to 63Hz	
Range of Operation		
Voltage Phase to Phase	0-133 kV	
Current	.5 - 5000 A	
Sensor Opening	6-122XT 2.50 in, 6.35 cm	6-122WJ 4 in, 10.16 cm
Voltage for Direction	Minimum 200V	
Resolution		
Amps 0.1-99.9A 100-5000A	0.1 A 1 A	
Accuracy		
Amps	± 1 %, ± 2 counts	
EU Standards	Successfully passed international test standards indicated by CE	
Mechanical		
Weight		
Transmitter	6-122XT 1.8 lbs, 0.79 kg	6-122WJ 2.5 lb, 1.13 kg
Receiver Display	1.4 lbs, 0.64 kg	1.4 lbs, 0.64 kg
Operations Controls	Single button operation	
Display	5 Digit LCD	
Backlight	Auto Ambient Light Sensor	
Type of Reading	Four Readings	
Housing	Fire resistant and waterproof polycarbonate & silicone	
Hot Stik Mounting	Universal Chuck Adaptor (Hot Stick not included)	
Battery	9 Volt (one each in Transmitter and Receiver)	
Battery Life	Five days continuous use	
Operating Temperature	-4° to +140 ° F (-20° to +54° C) Shipped with Alkaline battery. Lithium battery required for temperatures below -4° F (-20° C)	
Storage Temperature	-140° to +158 ° F (-40° to +70° C)	
Relative Humidity	90% non-condensing	
Altitude	3000 meters	
Radio		
Frequency Region One	869 MHz	
Frequency Region Two	915 MHz	
Frequency Region Three	915 MHz	
Power	1 milliwatt	
Range	50 feet, 15.24 Meters	



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