

# RADIO AMPSTIK®

RADIO LINKED HIGH VOLTAGE AMMETER

## FEATURES

- Measure 1 - 5000 Amps with 1% accuracy
- Radio display with 50' range
- Measure in HV environments up to 69 kV
- Operates in a non-license radio frequency



## CHECK AMPS TO VERIFY THE LOAD

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

The Radio Ampstik uses the same current sensor technology as the original Ampstik. The key feature of this unit is the ability to display the current reading up to 50 feet from the sensor on the remote display. The user has the option to hold the receiver in their hands, mount it to a hot stick or hang it 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.

There is a single button to navigate the receiver display and switch between modes: RUN, HOLD, ERASE and Power OFF.

While in the RUN mode, the receiver shows the current measurement and continues to update the reading three times per second.

The user can hold up to four readings by pressing and releasing the switch on the display. The user is then able to review each of the recorded readings.

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

Radio Ampstik, Overhead Conductor

# APPLICATIONS

Verify current before breaking load

Spot verify current when investigating power diversion

Check for load balance

Conduct load studies

## RADIO AMPSTIK SPECIFICATIONS

Model Number	6-120 Kit (Includes 8-120 Sensor Transmitter, 8-121 Receiver Display & 7046 Carrying Case)
Frequency, 50Hz	47 to 53Hz
Frequency, 60Hz	57 to 63Hz
Range of Operation	
Voltage Phase to Phase	0-69 kV
Current	1 - 5000 A
Sensor Opening	2.50 in, 6.35 cm
Resolution	
Amps 0-99.9A	0.1 A
Amps 100-5000A	1 A
Accuracy	
Amps	± 1 %, ± 2 counts
EU Standards	Successfully passed international test standards indicated by CE
Mechanical	
Weight	2.3 lbs, 1.04 kg
Controls	Single button operation
Storage	Four Readings
Operating Temperature	-4 °F to +140 °F, -30 °C to +60 °C, Lithium battery required for temperatures below -4°F (-20°C). See user's manual for battery temperature specifications.
Display	5 Digit LCD
Housing	Shock & water resistant molded urethane
Hot Stick Mounting	Universal chuck adapter (Hot stick not included)
Battery	9V Alkaline or Lithium (One each in Transmitter and Receiver)
Radio	
Frequency, Region(s) 2 & 3	916.48 MHz
Frequency, Region(s) 1	869.85 MHz
Power	1 milliwatt
Range	50 Feet, 15.24 Meters



Radio Ampstik Kit in 7046 Case



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