

ULTRASONIC CABLE HEIGHT METER

General features and functions

This product is applying ultrasonic principle for measurement of cable sag, cable height and overhead earances. The unit emits 16" short bursts of sound which originate from the cone-shaped transmitter. The microprocessor in the instruments calculates the elapsed time for the bursts of sound to be reflected from the cable back to the instrument. The result can be displayed in either feet and inches, or meters format.

The ultrasonic cable height meter light-weight and hand-held portability allows easy transport and multiple measurements. Six-button operation ensures fast, effective measurements with a minimum of operator training. The operator can measure standing directly beneath the cable and haven't physical inrection to cables or wires required to obtain extremely accuracy value, ensure safety and sample in easurement anytime.

1. For measuring the height up to 6 cables together.
2. Convenient to take measurement, easy to aim at the measuring position and to read measuring results.
3. For recording measuring conditions: location, time and temperature.
4. For measuring the distance between wire and wire.
5. Be applicable to the cables of different use.
6. Uses large measuring sensor, higher accuracy than existing cable height meter in market.
7. Compact and easy to take along.
8. For measuring dimension of house and distance between objects.
9. Auto-calibration.(CAL).

High measuring range : 3~23m

Measuring accuracy : 0.5%±2d

Horizontal measuring range : 3~18m

Power supply : 9V Alkaline battery

Application

Electricity / Communication aerial cable: Power substation / Power station cable, Tram / train power supply cable sag status measurement

Technical Specifications:

Resolution	5mm (<10m) 10mm (>10m)
Minimum Gap Between Wires	150mm
Operating Temperature Range	-10°C to 40°C
Bot Mode : Measuring The Height Of The Most Lower 6 Cables	√
Top Mode : Measuring The Height Of The Most Higher 6 Cables	√
Auto Power Shut Off	√
LED Backlight Display Selection	√
Low Battery Indication	√

Packing Information

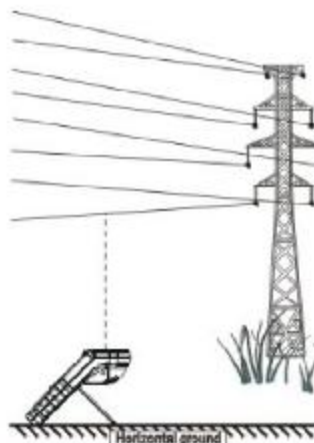
Product Net Weight	205g
Product Size	75*72*200mm
Packing	Gift box
Standard Quantity Per Carton	12
Standard Carton Size	52.5*45.5*34.0cm
Standard Carton Gross Weight	9.24kg

Measurement :

- Hold level and steady the unit with two hands before chest part, press the "HOLD" key for 1-2 seconds the LCD will show the symbol "HOLD", you can measure totally 6 cables height at one time, and measured data and such as W1, W2, W3, W4, W5, W6. Press the "SELECT" key you will read the measured data from W1 to W6 in turn, shown as following

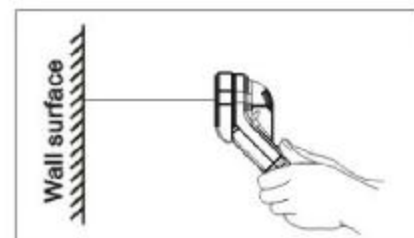
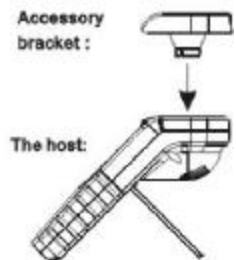


- It can be also put in the ground to make measurement, If ground is neat, here your measured height is the distance between the cable and the unit top, shown as following figure:



- How does the Horizontal distance measure?

1. For your reliable and accurate measuring results, please mount an accessory bracket when taking measurement of horizontal distance.



2. Shown as figure: You can measure the distance between the device and wall surface.



Accessory :

Accessory bracket
(horizontal distance measurement only)

