

8877 CP

utility locator with passive 120Hz cathodic mode

The 8877 CP is a dedicated version of our award-winning 887X Series Locator. This unit not only offers the user a wide range of active locating options, the 8877 can passively locate gas main that are cathodically protected by rectifiers.

The 8875A receiver is rugged, weather resistant, lightweight and simple to operate. All the functions are visible on the LCD display and operated through a touch pad on the faceplate, no hidden buttons or hard to use knobs.

With new features such as a Backlight, Pinpoint Peak, Improved Induction Capabilities, and an Expanded Bar Graph, the 8877CP ensures an accurate locate while maintaining its ease of use.

The 8877CP is ideal for locating all metallic utilities. From telephone to water, the 8877CP is accurate and dependable. Push-button depth, current measurement, and digital display make this unit a highly versatile locator.

This instrument is not only capable of locating cables and pipes, it can also double as a fault locator with the addition of an A-frame. The 8877CP 'D'-cell unit includes the receiver, transmitter, carrying cases, training video, batteries, ground rod and 10-foot test leads. The 8877CP rechargeable unit includes the receiver, transmitter, carrying cases, training video, batteries, ground rod, 10-foot test leads, and comes with both an A/C charger and a D/C charger.

Simple
user-friendly
operation

3 signal application methods
Direct Connection
Coupler Induction
Transmitter Induction

Automatic impedance
matching

Transmits up to
2.6 Watts

Impact and
water resistant

Manual gain
for accuracy

Current
measurement

Peak & null
locating mode

Push-button depth
measurement

Package Includes

Receiver
Transmitter
Red / Black Cords
Ground rod
Batteries
AC Charger*
DC Charger*
Carrying case
Manual
Video

*Included with rechargeable unit

Fault locating
capabilities

Frequencies
815Hz
82kHz
50/60~
CP 120Hz

Frequency-specific
coiled antennas

Manual &
Training Video

Transmitter

Operating Frequency~ 82.315kHz, 815Hz, (simultaneous)
Indicators~ AC load assistance measurement, low battery indicator, low battery warning modulates output every 20 seconds

Loading Matching~ automatic from 5ohms to 2000ohms
Output Power Normal High
815Hz(AF) 0.6W 2.0W
82.315Hz(RF) 0.2W 1.0W
Both (AF+RF) .12W+.06W 1.33W+.67W

Power Source~ Disposable: 8 "D" Duracell Batteries; Rechargeable: 12V 7amp-hour maintenance; free sealed lead acid includes: 120VAC wall mount charger and DC to DC truck charger

Battery Life~ Disposable (depending on load frequency, power setting), continuous: 8-15 hours, intermittent: 40-60 hours 25% duty cycle avg., Rechargeable (depending on load, frequency, power setting) 400 to 1200 rechargeable cycles, continuous: 10-20 hours, intermittent: 50-70 hours 8% duty cycle avg.

Operating Temperature~ -4F to 133F (-20C to 55C)

Size~ 16" (length) x 6.32" (width) x 5-6" (height)

Weight~ 8lbs with disposable, 11.5lbs with rechargeable

Receiver

Operating Frequency ~ 82.315kHz, 815Hz, CP (passive 120Hz) and 50/60Hz~(passive)

Antenna Mode ~ peak, refined peak, and null

Indicators ~ low battery, backlit LCD bar graph, signal strength

Audio Indication ~ variable pitch response

Current Measurement ~ display indicates relative current

Power source ~ disposable: 6 "C" Duracell batteries

Battery Life ~ continuous: 40 hours intermittent: 82 hours

Signal Strength ~ LCD bar graph, absolute signal strength readout 0-999

Gain Control ~ up/down for automatic centering and manual

Dynamic Range ~ 126dB

Depth Measurement ~ automatic: push-button readout to 15 feet, manual: triangulation

Operating Temperature ~ -4F to 133F (-20C to 55C)

Size ~ 30.3" (length) x 9.4" (height)

Weight ~ 3lbs.

Specifications

Warranty ~ One-year warranty from date of delivery against defects in material and workmanship (EXCEPT BATTERIES) on all instruments. This warranty is void if, after having received the instrument in good condition, it is subjected to abuse, unauthorized alteration or casual repair. We will repair or replace products that prove to be defective during warranty period. NO OTHER WARRANTY IS EXPRESSED OR IMPLIED. THE WARRANTY DESCRIBED IN THIS PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. WE ARE NOT LIABLE FOR CONSEQUENTIAL DAMAGES. **Terms** ~ Net 30 days, Missouri sales tax charged where applicable. **Shipping & Delivery** ~ All orders are FOB Raytown, MO.

Specifications subject to change without prior notice.

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