

# CIRCUIT TRACING

## Circuit Tracer Application Guide

FEATURE	CIRCUIT SEEKER CS-8000	CLOSED CIRCUIT 2007
Locate and identify breakers	•	•
Locate and identify fuses	•	•
Locate and identify blown fuses	•	
Trace concealed wiring in walls and floors	•	•
Locate junction box relays and transformers	•	•
Locate switch gear	•	•
Find shorts to ground	•	•
Trace wires in PVC (nonmetallic conduit)	•	•
Find opens in a circuit	•	
Localize power and lighting panels	•	•
Operate on energized circuits	•	•
Operate on low voltage circuits	•	•
Operate on high voltage circuits (600VAC)	•	
Operate on unenergized circuits	•	• <sup>1</sup>
Trace shielded cable	•	
Trace metal conduit	• <sup>2</sup>	•
Sort wires and trace coax cable	•	
Auto gain circuitry for improved accuracy	•	
AC voltage range	0-750V	9-300V
DC voltage range	0-750V	9-300V
Distance – receiver from transmitter	300 ft.-4 mi. <sup>3</sup> (915 m-6.5 km)	3-4 miles (4.9 km-6.5 km)
Transmitter battery	(2) AA	—
Receiver battery	(2) AA	9V

1. For circuits without power, hook-up a 9V battery in series with the circuit and transmitter to power the line.

2. Closed circuit applications only.

3. Depends on application – shorter distances for open circuit tracing, longer distances for closed circuit tracing applications.

## CS-8000 Circuit Seeker™ Circuit Tracer



### Features:

- Advanced patented non-directional sensing technology.
- Superior sensitivity and functionality providing for accurate tracing & locating.
- Ergonomic receiver with information-rich full-color graphical LCD.
- Graphics and audible signal provide quick and easy to understand tracing feedback.
- Traces concealed wiring, locates junction boxes, and finds breakers for live or open circuits.
- Locates and identifies blown fuses.
- Finds shorts and breaks in conductors.
- Low pitch, high volume audible indicator.
- User-selectable automatic or manual gain capability for fast, convenient use.
- Can be used on GFCI protected circuits.
- Automatic backlight on receiver maximizes battery life.
- Supports transmitter-to-receiver distances up to 4 miles for closed circuit tracing.
- Lifetime Limited Warranty.

### SPECIFICATIONS

<b>Capacity</b>	0 to 750V AC/DC
<b>Frequency</b>	15.15 kHz
<b>Receiver Range</b>	up to 20' (6 m) Live Line Mode; up to 10' (3 m) Open Line with metallic connection to ground; 1-3' (.3-.9 m) with capacitive ground reference
<b>Weight</b>	4.3 lbs. (1950 g)



CAT. NO.	UPC NO.	DESCRIPTION
CS-8000	12126	Circuit Seeker
12849	12849	Transmitter
12850	12850	Receiver
10057	10057	Alligator Clips (2)
10054	10054	AC Blade
12852	12852	AC Plug Adapter
12853	12853	Extension Leads (2)
12851	12851	Carrying Case