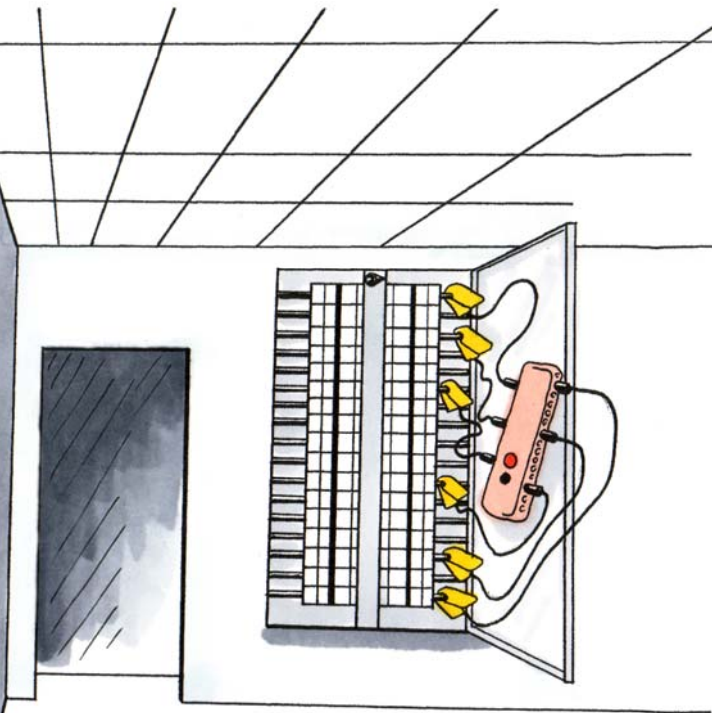


# Circuit Mapper

Model: CMT42S

**Revolutionises  
Electrical  
Circuit  
Identification**



**Live**  
**Non - Contact**  
circuit identification

**identifies up to 42 circuits simultaneously**

- **Easy to Use** No knobs or switches to adjust
- **Determines** Which circuit breakers serve a specific branch in seconds
- **Identifies** Lines on any electrical wiring system
- **No Down Time** Circuits can be tested with or without power
- **Saves Time** Fastest identification available
- **Saves Money** Only requires one person to operate
- **Locates** Up to 42 circuits simultaneously
- **Includes** All accessories, carry case and 42 clamps
- **Reliable** 2 Year Warranty

**One Person Operation**  
**Saving Time & Money**



 **PIC Australia P/L**  
**1300 362 892**  
[www.picaust.com](http://www.picaust.com)

## Benefits & Applications

This unique product uses new technology to perform functions never before offered in an electrical tester. The Circuit Mapper is the first device of its kind that maps branch circuits of wiring systems simultaneously with a single transmitter and receiver. Traditional methods of identifying circuit breakers and wiring are inefficient and expensive, often requiring two people to perform. With sensitive electronic equipment, simply turning breakers off and on is no longer a viable option. Even modern circuit tracers typically trace only one branch circuit at a time. The Circuit Mapper transmitter connects to lines at the panel rather than at the end of the branch circuit. The receiver displays the corresponding circuit number through digital signal processing, with or without direct electrical contact, so you know exactly which breaker is connected to each transmitter lead. There is no time wasted comparing signals or looking for the strongest signal. Using the Circuit Mapper will greatly reduce man-hours spent when locating branch connections of electrical circuits.

## Features

The Circuit Mapper includes Transmitter, Receiver, Carrying Case, 42x Circuit Clamps, Batteries, Circuit Identification Pad and Manual. Comes with a 2 Year Warranty and constructed to withstand years of heavy industrial use. Both the Transmitter and Receiver feature automatic shut-off for longer battery life. The Circuit Mapper is an industry first and has no manual adjustments. Circuit identification is indicated by a large digital LED readout on the Receiver. This product can be used on energized or dead systems.

## Who's Using The Circuit Mapper

Downer EDI, A & F Electrical, MJD Electrical, Menco Electrical, Bond Wilson, TEC Switchboards, Electrical Enterprises, Ace of Clubs Electrical, AB & BW Electrics, University of Technology - Sydney, Royal Adelaide Hospital, Hix Electrical Services, Brunton Testing & Tagging, John Milner Electrical, BSH Electrical, CMP Electrical (Aust), Billett Electrical, Craig Westwood Electrical, Allen & O'Brien, RailCorp, Sam Beauchamp, Emac Electrical Services, Kellyco Electrical Services, Polcom, Bernie Petterson, AJ & RM King, Templestowe Electrics, Alfred Hospital, Taylor Electrical, CSR Gyprock, Spotless Services Australia, Apec Electrical & Communication Services, Reed & Barone, Leahy's Electrical, Tunks Electrical, Swift Electrical, A1 Raylec, MI Electrical, BBSM, South Eastern Electrics, Robin Johnson Engineering, Astarr, JNJ Electrical, KES Electrical, BlueScope Steel, CMP Electrical, Spotless, RJ Engineering, Airservices Australia

Essential Electrics "Circuit Mapper is just great"

Simon Clark Electrical "On first use I did a large site (& by myself) in less than a ¼ of the time - paying for itself!

Gramaz Contracting Services "Paid for itself in first job, doing 700 Circuits without one being wrong"

EDC Systems "Fantastic - will be buying another one"

Nuvo Solutions "The Guys Fight over it"

Monash University "It's a great product"

Moorebank Electrical "An amazing device"

Bettiol Property Services "Worked as promised Identifying two floors of high rise in no time flat"

## Specifications

### Transmitter

Power	9VDC Alkaline Battery (included)
Operating Voltage	0-300V Phase to Neutral
Current Draw	90mA Avg
Output Voltage	0.5V Max (coupled to the line)
Output PMF	166KHz
Operating temp	-18°C - +50°C
Size	229mm x 76mm x 30mm

### Receiver

Power	9VDC Alkaline Battery (included)
Operating Voltage	0-600V AC/DC
Current Draw	35mA Avg
Signal Recognition	Digital Pulse Code
Operating temp	-18°C - +50°C
Size	105mm x 69mm x 23mm

- Also Available -



**Buried Line Locator - Cable Tracers - Power Filters - Power Line Monitors**

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*Test & Measurement Instruments Power Supplies & Protection Pipe & Cable Locators & more...*