

## Circuit Breaker Identifier



### 191 CBI



- 190 CBI and 191 CBI have the same shape but different Specifications.

190 CBI is an easy tool to find the circuit breaker or fuse supplying electrical power to an outlet or lighting fixture. Just plug the transmitter into the outlet.

Use the receiver to scan the circuit breaker panel box. An audible tone will be clearly heard when the right circuit breaker is scanned.

It is not necessary to shut off power to find the right circuit breaker or fuse.

190 CBI is an ideal tool for both automated office environments where disruption of power is not practical, as well as in residential applications.

The plug of transmitter is changeable. The plug of transmitter could be changed for customers' requirement from different countries.

Quickly identifies and locates 110~125 VAC circuit breakers and fuses. It is not necessary to interrupt power.

Audible tone generated when matching breaker is located.

It is an easy way to identify location of circuit breaker on the circuit breaker panel box which is connected to a specific outlet.

### SPECIFICATIONS

	190 CBI	191 CBI
Operation voltage	110~120VAC	220~240VAC
Operation frequency	50 / 60Hz	
Transmitter power	Powered by wall outlet	
Receiver power	9V(6F22) × 1	
Safety standard	EN 61010-1 EN 61326-1	
Accessories	Instruction manual Battery	



### 190 CBI

## Power Meter



Monitor the efficiency of your appliances and equipment, and reduce your power bill with the new Power Meter PM-10 and PM-15.

*The advantages of PM-10 and PM-15 :*

- Determine the running cost your appliances.
- Make informed decisions when purchasing appliances and equipment.
- Reduce your electricity bill.
- Measure Voltage, Current, Power, Volts, Amps, Power Factor, and Greenhouse Gas Emissions.
- Calculate electrical expenses by day, week, month, and even an entire year.
- Can make different kinds of plugs for different countries / areas.

### SPECIFICATIONS

Setting	Range		Units	Accuracy
	PM-10	PM-15		
Volts	100/240V		V Rms	±1%
<b>Amps</b>	<b>10</b>	<b>15</b>	A Rms	±1%
<b>Power</b>	<b>0-2500</b>	<b>0-3750</b>	W	±1%
<b>Apparent Power</b>	<b>0-2500</b>	<b>0-3750</b>	VA	±1%
Power Factor	0.001~1		Watt (Vrms* Arms)	
Frequency	45~65		Hz	±1%
Cost	0-999999		\$	
Energy	0-99999		kWh	
Gas	0-99999		kg	
Cost Setting	0-99.999		kWh, cents/kWh	
Gas Setting	0-9.999		kg/kWh	
Time Duration	1,8,12,24		Hours	
	2,5,7,14,28		Days	
Run-Time Measurement	31:23:59:59		Days:Hours: Mins:Sec.	
<b>Fuse rating</b>	<b>10A/250V</b>			

- Dimensions : 135(L) × 80(W) × 35(D)mm
- Weight : Approx. 200g
- Safety standards : EN 61010-1  
EN 61326-1