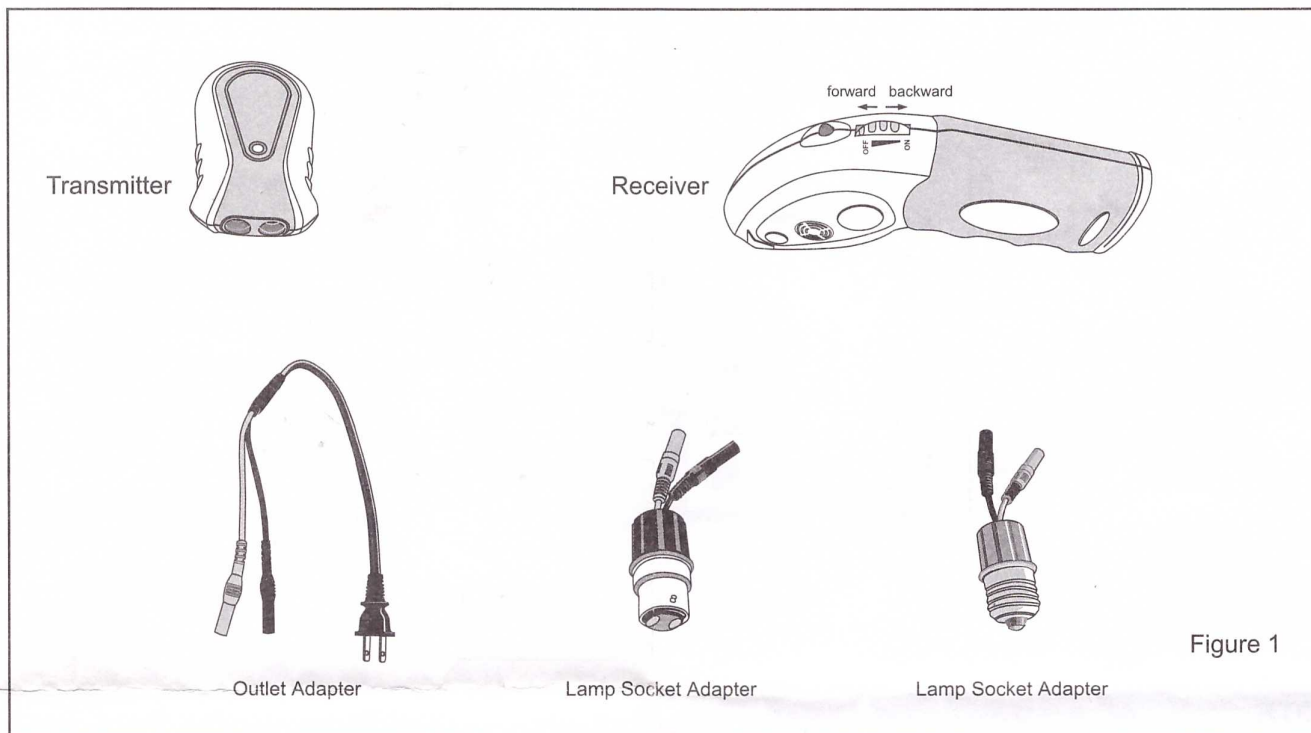


Circuit Breaker Finder Instruction Sheet

The transmitter injects a signal onto the circuit which can be detected by the receiver. The receiver will beep and its green LED will flash when the signal is detected. The sensitivity of the receiver can be adjusted in order to pinpoint the exact circuit breaker or fuse protecting the selected circuit.



OPERATION INSTRUCTION

1. Installing Battery

Remove the receiver's battery cover, install a 9V battery (6F22 or equivalent) into the battery compartment according to the polarity mark.

2. Verifying the Instrument's Operation

a. Insert the two plugs of the outlet adapter into the two jacks of the transmitter, then connect the outlet adapter to the wall outlet with the power on. The transmitter's red LED lights (refer to Figure 2).

Note: The outlet's output voltage must meet the requirement of the transmitter.

b. Wait about 20 seconds, then turn the receiver's rotary switch backwards from OFF position until click is heard and the receiver's green LED lights. This is the maximum sensitivity setting. (Continuing turning rotary switch backwards will decrease the receiver's sensitivity gradually.)

c. Refer to the Figure 3, place the receiver near the transmitter. The receiver will sound and its green LED will flash.

If the instrument operates as mentioned above, it is good and can be used for detection.

3. Locating Circuit Breaker or Fuse

a. Select a suitable adapter and insert its plugs to the two jacks of the transmitter, then connect the adapter to a powered wall outlet or lamp socket. The transmitter's red LED lights.

b. Go to the breaker box, hold the receiver vertically and place the flat surface of the tapered end of the receiver directly on circuit breaker or fuse (refer to Figure 4). Slowly move the receiver up and down over the row of circuit breakers or fuses. The receiver will beep and its green LED will flash when it detects the signal from the transmitter. Reduce the receiver's sensitivity if necessary to pinpoint the circuit breaker (or fuse) protecting the circuit.

c. After you have located the breaker (or fuse), turn off this breaker (or disconnect the fuse). Then use the receiver with high sensitivity to perform detection again around this breaker (or fuse). If the receiver can not detect any signal, the breaker you turned off (or the fuse you disconnected) is the one which protects the circuit selected by the transmitter. If the receiver can still detect the signal around the breaker (or the fuse), the breaker (or the fuse) is not the one protecting the selected circuit.

Figure 2

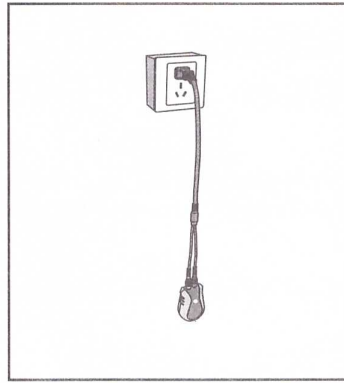


Figure 3

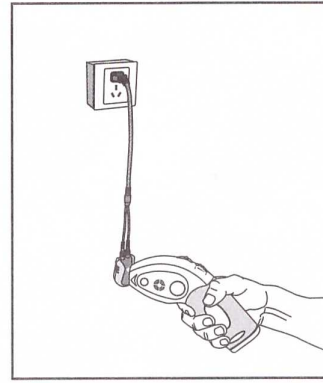
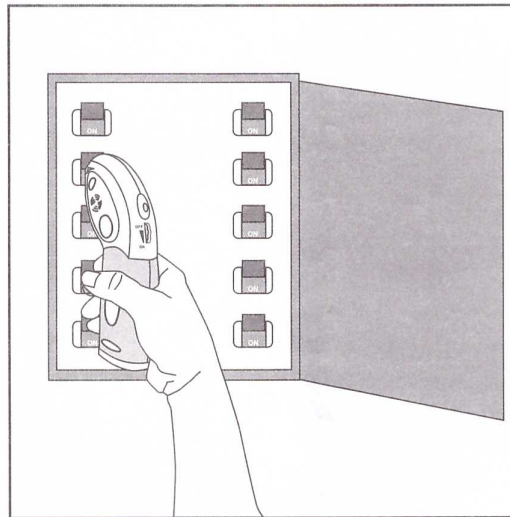


Figure 4



NOTE

1. Before you use the instrument, make sure that there is no mobile telephone or any other noise source nearby.
2. Each time before you use the instrument, always perform the steps specified in " **Verifying the Instrument's Operation** " section.
3. Use caution when working around electrical circuits to avoid electric shock. Follow good electrical practices.
4. Before you touch a wire or conductor, always ensure that this wire or conductor is not live by using a standard test tool.
5. If the receiver's LED is dim or the receiver can not operate normally, you should replace the battery.
6. To avoid electric shock, do not touch any naked conductor with hand or skin. Do ground yourself while using the instrument (or adapter).
7. Do not use the instrument if it is damaged or operates abnormally.
8. Do not operate the instrument in a place where flammable or explosive gas (or dust) is present.
9. The transmitter's input voltage is marked on transmitter.
10. This instrument is only an auxiliary tool. Before you make any change to a circuit or operate a circuit, make sure no injury, damage or loss will be caused or occur.

SPECIFICATION

1. Transmitter:

- a. **Input Voltage:** 1. 200~240V, at 50~60Hz
2. 100~120V, at 50~60Hz

Note: The actual input voltage required is marked on transmitter.

- b. **Size:** 80 x 50 x 31mm
- c. **Weight:** about 55g

2. Receiver:

- a. **Battery:** 9V (6F22 or equivalent), one piece
- b. **Size:** 186 x 90 x 38mm
- c. **Weight:** about 150g

ACCESSORIES

Manual: a piece

Outlet Adapter: a piece

Lamp Socket Adapter: optional

DECLARATION

1. This instruction sheet is subject to change without notice.
2. Our company will not take the other responsibilities for any loss.
3. The contents of this instruction sheet can not be used as the reason to use the instrument for any special application.

DISPOSAL OF THIS ARTICLE

Dear Customer,
If you at some point intend to dispose of this article, then please keep in mind that many of its components consist of valuable materials, which can be recycled. Please do not discharge it in the garbage bin, but check with your local council for recycling facilities in your area.

