

Metal and AC Live Wire Detector

Model: KC091E

Operation Manual



Metal and AC Live Wire Detector

Model: KC-091E

OVERVIEW

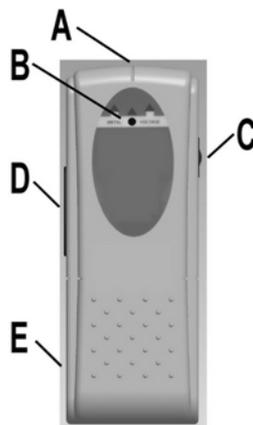
KC-091E Metal and AC Live Wire Detector can detect the location of the metal pipe (such as water pipe) and the AC wire inside the walls through electronic signals. It mainly applies for wires and pipelines distribution on upholstery, installation of electrical equipments (air conditioner and oil smoke extractor)

KC-091E Metal and AC Live Wire Detector can be automatically calibrated with sensitive induction after starting up. Select mode for AC live wires or metal detection through the function selection switcher. Once the edges of AC live wires or metals are detected, the scanner will send out sound and light indication and you can easily mark the central position of the target on the measured surface through the marker slot on top of the tool with pencil.

Battery safe prompting

- Please remove the battery when clean the product.
- Remove the battery when not in use for an extended period of time.
- Please install the batteries properly as the instructions of the positive and negative charges
- Please dispose the batteries properly. High temperature will cause explosions and do not burn the batteries. Strap insulated tape around the battery charges to avoid unsafe contacts with other objects. Please follow the local regulations of battery disposing.

TOOLS COMPONENTS



- Ⓐ Mark position——means the edge of the be detected
- Ⓑ Indicator light (Red) ——remind detect the measured target
- Ⓒ Mode switch——set the mode for AC live wires or metal objects
- Ⓓ Power switch——the scanner connects to power supply when pressing this button.
- Ⓔ Battery cover (black side)

replace the battery.

C、 Please do not operate the detector near strong electric wave situation、 high frequency situation or wet surface.

D、 The detector can't detect AC Live Wire in the following situations:

Wire in metal pipe、 Wire in wrapped metal lines、 Wire in metal or high-density walls.

E、 The detector is not suitable for detecting on metal walls or walls with high-density metal materials.

Cautions

- Operate with care and do not let the tool drop down.
- Do not disassemble the tool in case of damage.
- Do not place the tool with the corrosive gas or other corrosive materials.
- Avoid rain and water.
- Do not exposed the tool to vibration and high or low temperature environment.
- Storage the tool indoor.
- Do not put the tool in the water ,avoid to damage the tool.
- Remove the battery when not in use for an extended period of time in case of damage of tool by deterioration of battery.

TECHNICAL SPECIFICATIONS

Name	Metal and AC Live Wire Detector	
Type	KC-091E	
Object of detection	AC live wires and Metals	
Detection capability	Iron pipe	40mm deep away from the wall
	Copper pipe	20mm deep away from the wall
	AC live wires	80mm deep away from the wall
Power supply	A 9 volt block battery (6F22/6LR61, battery not included)	
Operation current	<25mA	
Operation temperature	+5°C ~ +40°C	
Operation humidity	30% ~ 70%	
Storage environment	-20°C ~ +60°C, ≤85% (battery not included)	
Dimensions	160mm×58mm×35mm	
Weight	About 110g (battery not included)	

● Tips

- Thank you for purchasing our products.
- We hope you to understand that the tool is not a all-purpose tool that can detect all the materials in the wall.
- Please read the instruction manual before operation.
- Keep the tool appropriately after use.

WARRANTY

Within one year from the date of purchase, if any quality problem or non-artificial damage, provide warranty service by the relevant documents.

Notice: The warranty does not apply to the following conditions:

- Disassembling the laser tool will void the warranty.
- Any damage resulting from, but not limited to wear, water, being dropped or repairs attempted by others.

Tips : Most part of the product can be recycled, if you need to deal with this product, please according to local laws and regulations to deal with it, instead of throw it into the dustbin.