



# User Manual

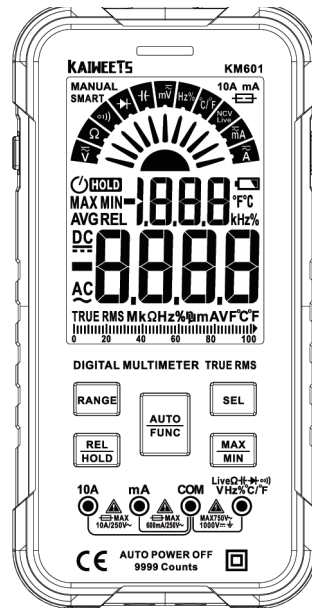
True RMS 10000 Counts **KM601**  
Smart Digital Multimeter

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Specifications are subject to change without notice.

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# Languages

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**Video Instruction**

# EN Instruction manual

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# Safety Information






A Warning identifies conditions and procedures that are dangerous to the user.

## Warnings

- To prevent possible electrical shock, fire, or personal injury:
- Read all safety information before you use the Product.
- Do not alter the Product and use only as specified, or the protection supplied by the Product can be compromised.
- Carefully read all instructions.
- Comply with local and national safety codes. Use personal protective equipment (approved rubber gloves, face protection, and flame-resistant clothes) to prevent shock and arc blast injury where hazardous live conductors are exposed.
- Limit operation to the specified measurement category, voltage, or amperage ratings.
- Use Product-approved measurement category (CAT), voltage, and amperage-rated accessories (probes, test leads, and adapters) for all measurements.
- Do not touch voltages >30 V ac RMS, 42 V ac peak, or 60 V dc.

- Use the correct terminals, function, and range for measurements.
- Do not use the Product around explosive gas, vapor, or in damp or wet environments.
- Do not operate the Product with covers removed or the case open. Hazardous voltage exposure is possible.
- Examine the case before you use the Product. Look for cracks or missing plastic. Carefully look at the insulation around the terminals.
- Disconnect power and discharge all high-voltage capacitors before you measure resistance, continuity, capacitance, or a diode junction.
- Do not apply more than the rated voltage, between the terminals or between each terminal and earth ground.
- Remove circuit power before you connect the Product in the circuit when you measure current. Connect the Product in series with the circuit.
- Measure a known voltage first to make sure that the Product operates correctly.
- Do not use test leads if they are damaged. Examine the test leads for damaged insulation, exposed metal, or if the wear indicator shows. Check test lead continuity.
- Remove the input signals before you clean the Product.

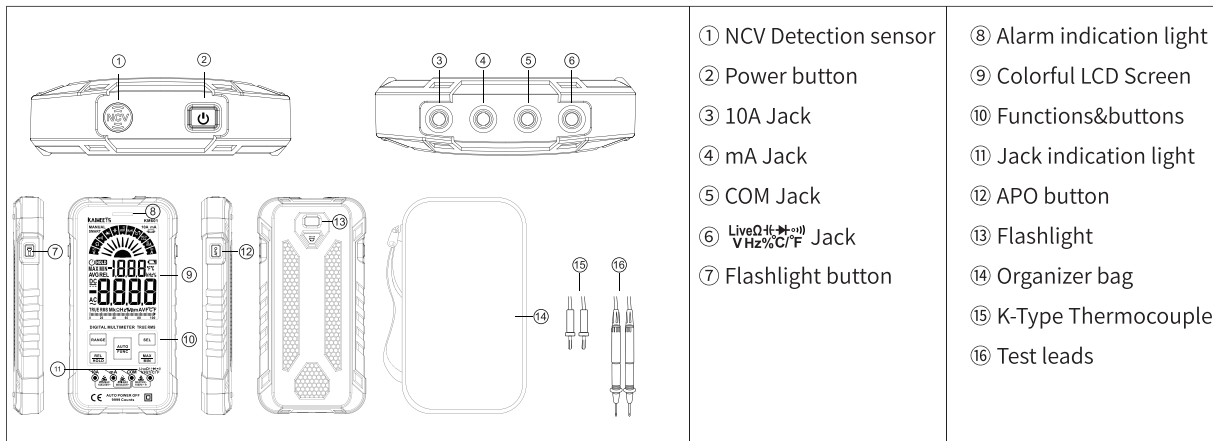
# Symbols

Symbols	Description	Symbols	Description
	WARNING. RISK OF DANGER.		WARNING. HAZARDOUS VOLTAGE. Risk of electric shock.
	Hazardous Voltage		Conforms to European Union directives.
<b>CAT II</b>	Measurement Category II is applicable to test and measuring circuits connected directly to utilization points (socket outlets and similar points) of the low-voltage MAINS installation.		
<b>CAT III</b>	Measurement Category III is applicable to test and measuring circuits connected to the distribution part of the building's low-voltage MAINS installation.		
<b>CAT IV</b>	Measurement Category IV is applicable to test and measuring circuits connected at the source of the building's low-voltage MAINS installation.		
	This product complies with the WEEE Directive marking requirements. The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Product Category: With reference to the equipment types in the WEEE Directive Annex I, this product is classed as category 9 'Monitoring and Control Instrumentation' product. Do not dispose of this product as unsorted municipal waste.		










# Product Familiarization

## Overview



# Features

Button	Function	Button	Function
	Press and hold the '  ' button for about 2 seconds to turn on/off the meter.		Press '  ' button to turn on/off flashlight.
	Press the ' <b>APO</b> ' button to turn on/off Auto Power Off function. Without any operation in about 15 minutes, the meter will automatically turn off. 1 minute before turn off, there will be 5 beeps.		It will be on by default and '  ' symbol will be displayed.
	Power on is in SMART mode by default. Press the ' <b>AUTO</b> / <b>FUNC</b> ' button to manual mode. Then press again to switch measurement modes; Press and hold the ' <b>AUTO</b> / <b>FUNC</b> ' key for about 2 seconds to return to the SMART (auto) mode.		In SMART Mode, the ' AUTO ' signal will be displayed on the screen, and the top left corner will display ' SMART '.

