MASTECH MS8239C Digital Multimeter User Guide

Contents

MASTECH®

MASTECH MS8239C Digital Multimeter

The special attention should be paid when using the test and measurement instrument because the improper usage may cause electric shock and damage the equipment.

- Use proper measurement category (CAT), voltage, and amperage rated probes, test leads, and adapters for the measurement.
- Do not use or store the device around explosive gas, vapor, or under high temperature and humidity.
- When handling the test probes and crocodile clips, keep your fingers behind the physical guard.
- Examine the measuring test leads (if present) before use. Any element of which the insulation is deteriorated (even partially), replace them with proper functional test leads.
- Connect the common test lead before the live test lead and remove the live test lead before the common test lead.
- Before measuring current, make sure the instrument fuses available and disconnect the power supply to the circuit test
- Remove the batteries if the device is not used for an extended period of time, or if stored in temperatures above 45 °C. If the batteries are not removed, battery leakage can damage the device.

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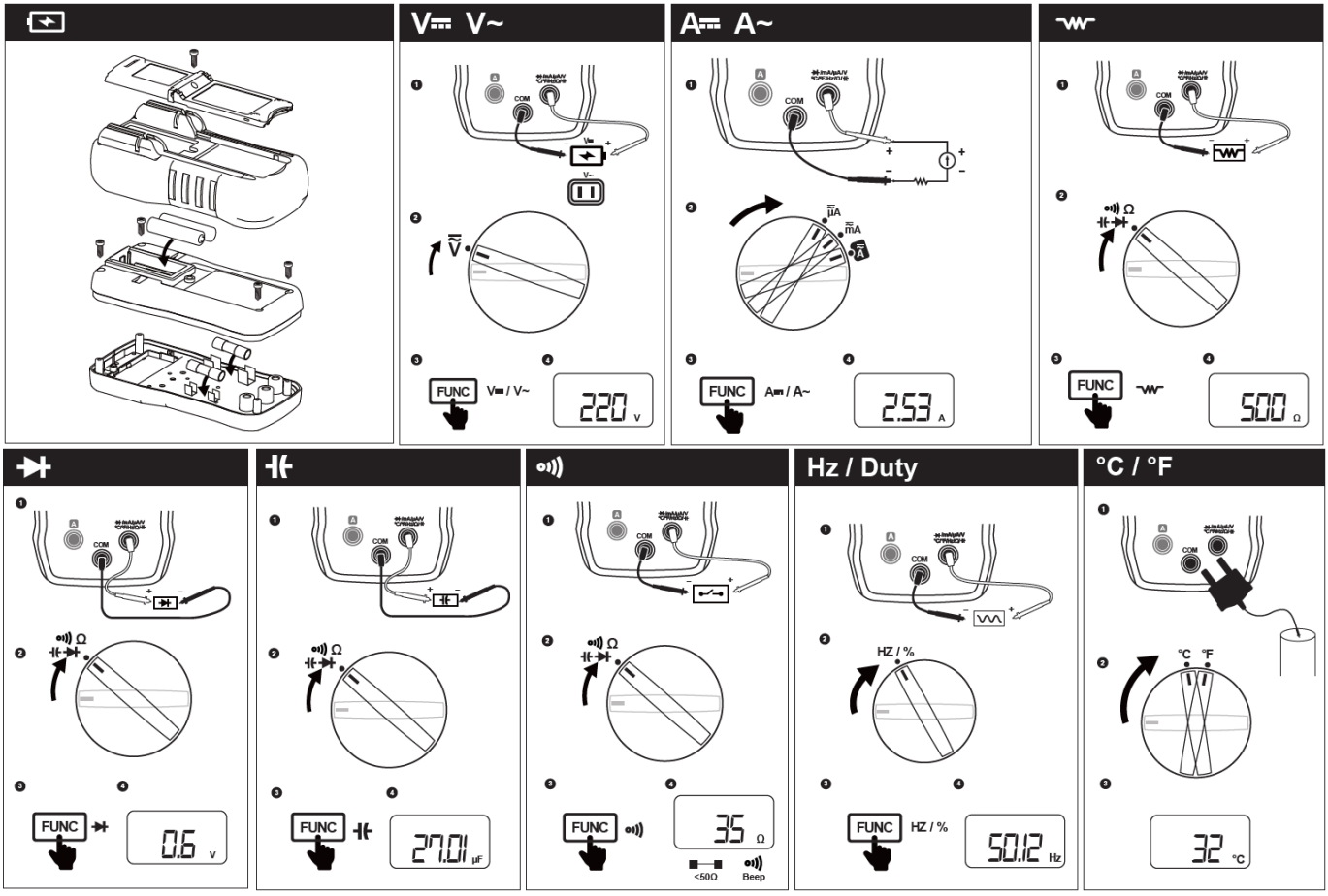
Specifications / Especificaciones

RANGE	RESOLUTION	ACCURAC Y

V~	4V/40V/400V/600V	1mV/10mV/0.1V/1V	±(1.2%+5)
V⎓	400mV/4V/40V/400V/600V	0.1mV/1mV/10mV/0.1V/1V	±(0.5%+3)
A~	400μA/4000μA/40mA/400mA 10A	0.1μA/1μA/0.01mA/0.1mA 0.01A	±(1.2%+5) ±(2.5%+10)
A⎓	400μA/4000μA/40mA/400mA 10A	0.1μA/1μA/0.01mA/0.1mA 0.01A	±(1.0%+5) ±(2.0%+10)
Ω	400Ω/4kΩ/40kΩ 400kΩ/4MΩ/40MΩ	0.1Ω/1Ω/10Ω 0.1kΩ/1kΩ/10kΩ	±(0.8%+5) ±(0.8%+5)
⊣⊢	5nF/50nF/500nF 5μF/50μF/100μF	1pF/10pF/0.1nF 1nA/10nA/0.1μA	±(3.0%+5) ±(3.0%+5)
Hz	100Hz/1000Hz/10kHz	0.01Hz/0.1Hz/1Hz	±(1.5%+5)
Hz%	0.1%~99%	0.1%	±(2.0%+5)
°C/°F	-20℃~1000℃/-4℉~1832℉	1℃/1℉	±(3.0%+3)

INSTALLATION



Documents / Resources

	**MASTECH MS8239C Digital Multimeter** [pdf] User Guide MS8239C Digital Multimeter, MS8239C, Digital Multimeter