



MASTECH MS2128 Digital Clamp Meter User Guide

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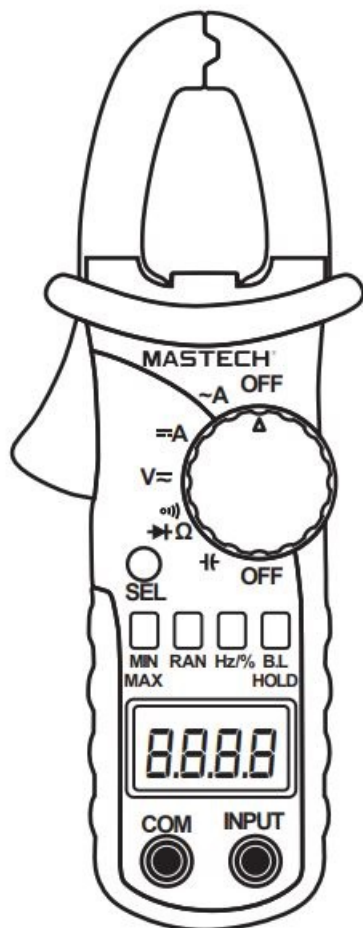
MASTECH MS2128 Digital Clamp Meter User Guide

MASTECH®

Quick Start Guide

MS2128

Digital Clamp Meter

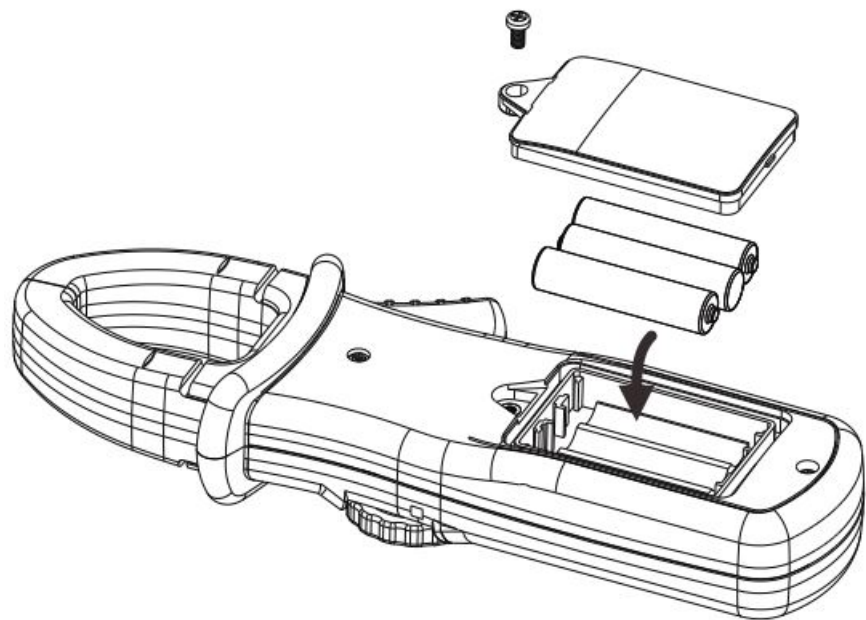


700019210 July 2021 Rev. 1
Specifications are subject to change without notification.

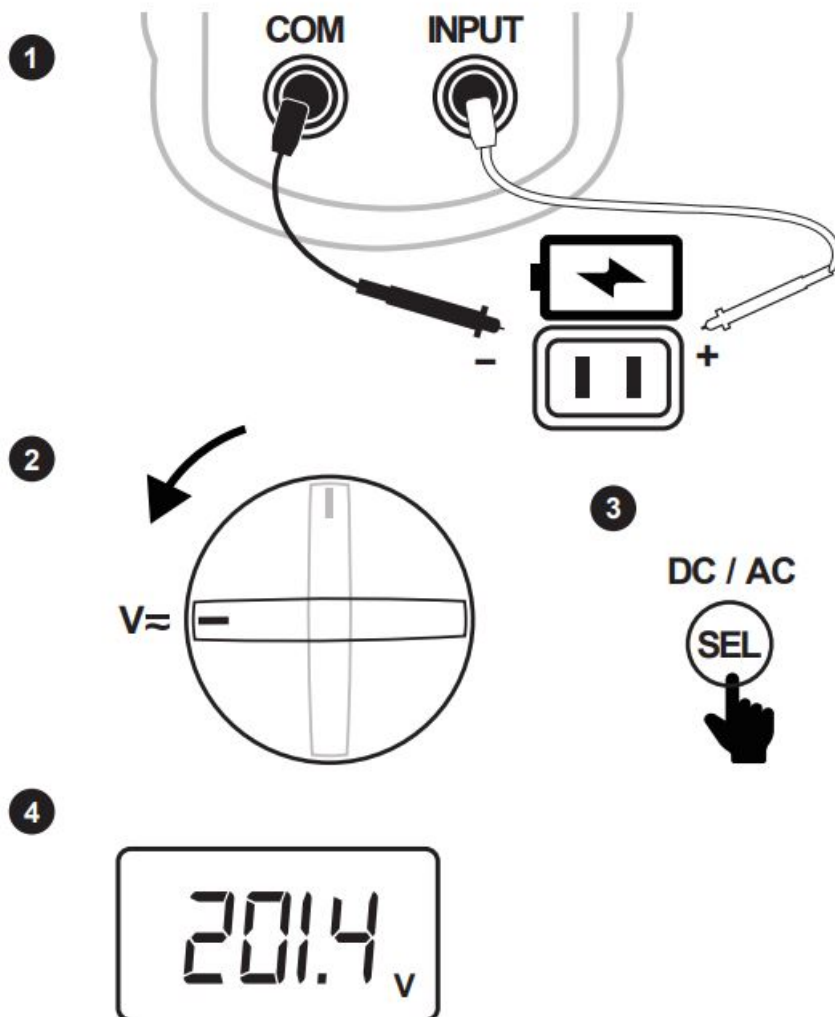
CAT III 600V

1 YEAR
LIMITED WARRANTY



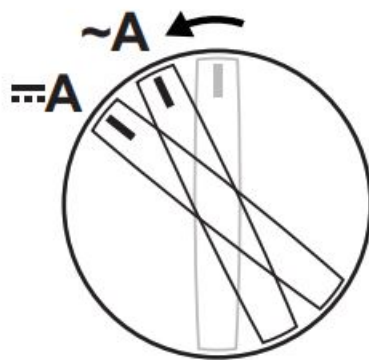


V $\approx$



A~ A=

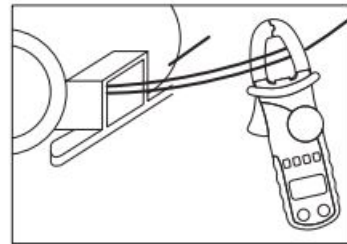
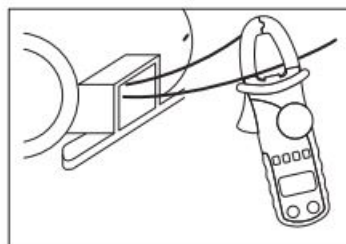
1



2



3

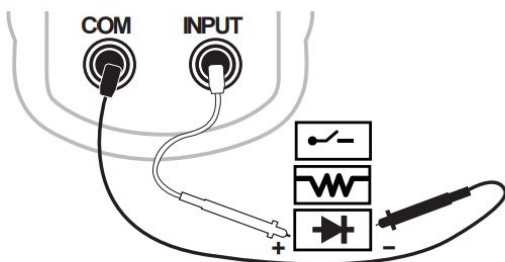


4

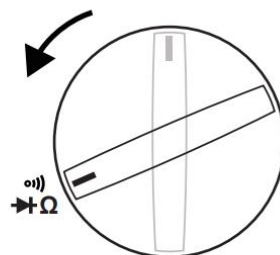


Ω ~V ~V

1



2



3



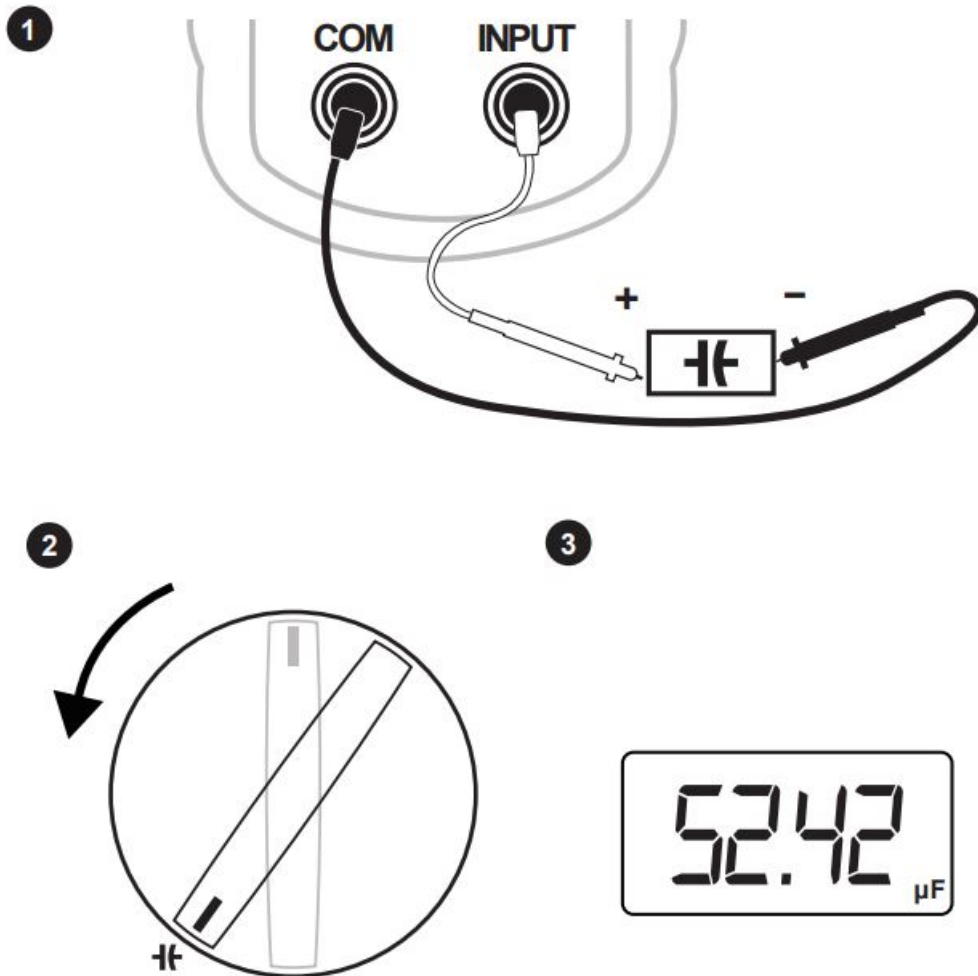
Ω ~V ~V

4



<50±20Ω Beep





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

	Range	Resolution	Accuracy
V~	660mV 6.6V/66V 600V	0.1mV 0.001V/0.01V 0.1V	$\pm(1.5\%+10)$ $\pm(1.2\%+5)$ $\pm(1.5\%+10)$
V=	660mV/6.6V/66V 600V	0.1mV/0.001V/0.01V 0.1V	$\pm(0.8\%+3)$ $\pm(1.0\%+5)$
A~	66A/600A	0.01A/0.1A	$\pm(3.0\%+10)$
A=	66A/600A	0.01A/0.1A	$\pm(3.0\%+10)$
R	660 Ω /6.6k Ω /66k Ω 660k Ω /6.6M Ω 66M Ω	0.1 Ω /0.001k Ω /0.01k Ω 0.1k Ω /0.001M Ω 0.1M Ω	$\pm(1.2\%+2)$ $\pm(1.2\%+2)$ $\pm(2.0\%+5)$
C	6.6 μ F 66 μ F/660 μ F/6.6mF/66mF	0.001 μ F 0.01 μ F/0.1 μ F/0.001mF/0.01mF	$\pm(4.0\%+50)$ $\pm(4.0\%+3)$
Hz	660Hz/1kHz >1kHz	0.1Hz/0.001kHz 0.01kHz	$\pm(1.5\%+5)$ Reference
Hz%	10%~95%	0.1%	$\pm 3.0\%$



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[http://www.mastech-group.com/support.php?
n=0](http://www.mastech-group.com/support.php?n=0)

Documents / Resources



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