



## MASTECH MS6100 Multi-Function Digital Counter User Guide

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**MASTECH MS6100 Multi-Function Digital Counter**



## USA

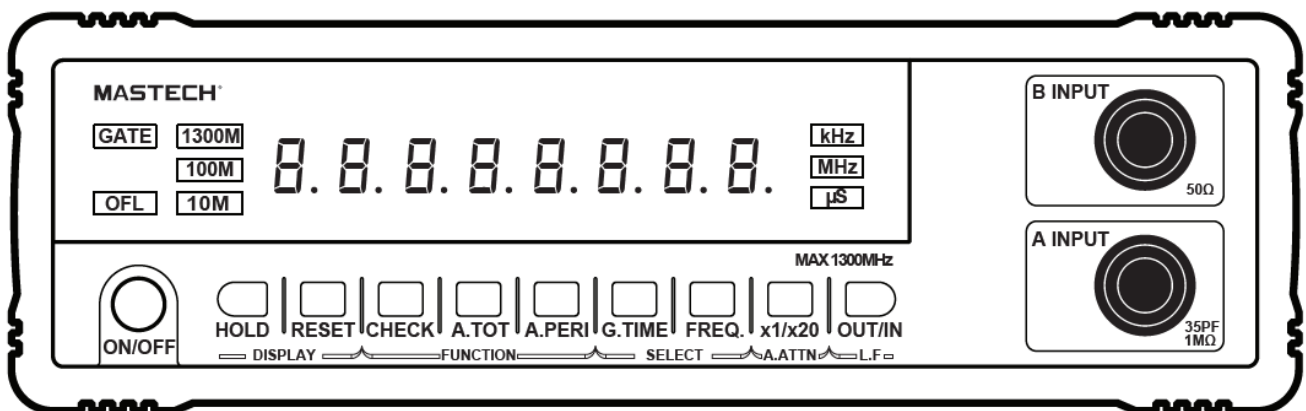
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SKU Number: MS6100CBGLO

## Quick Start Guide MS6100

Multi-Function Digital Counter

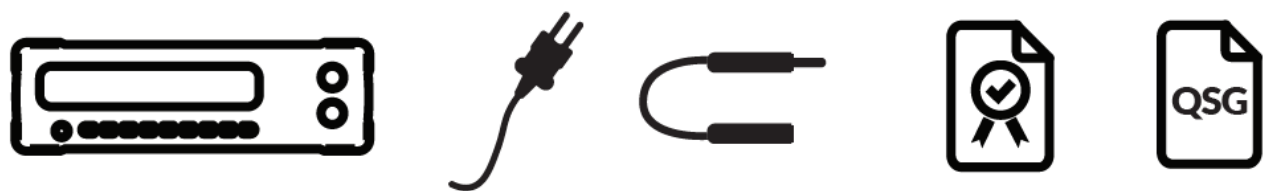


1 YEAR LIMITED WARRANTY

Special attention should be paid when using the test and measurement instrument because 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 deteriorates (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.

Contents



Specifications

Range  
Resolution  
Accuracy

Frequency Measurements

<b>Channel A</b>	10MHz (10Hz~10MHz) 100MHz	1,10,100Hz selectable 10,100,1000Hz
	±1 count ±1×10-5x frequency (month) ±1 count ±5×10-6x frequency (minute)	

<b>Channel B</b>	1300MHz (100MHz~1300MHz)	1300MHz (100MHz~1300MHz)
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Period Measurements

<b>Channel A</b>	0.1S~0.1µS	0.0µS 0.00µS	±1 coun
±1×10-5x frequency (month) ±1 count ±5×10-6x frequency (minute)			
(10Hz~10MHz)	0.000µS selectable		

Total Measurements

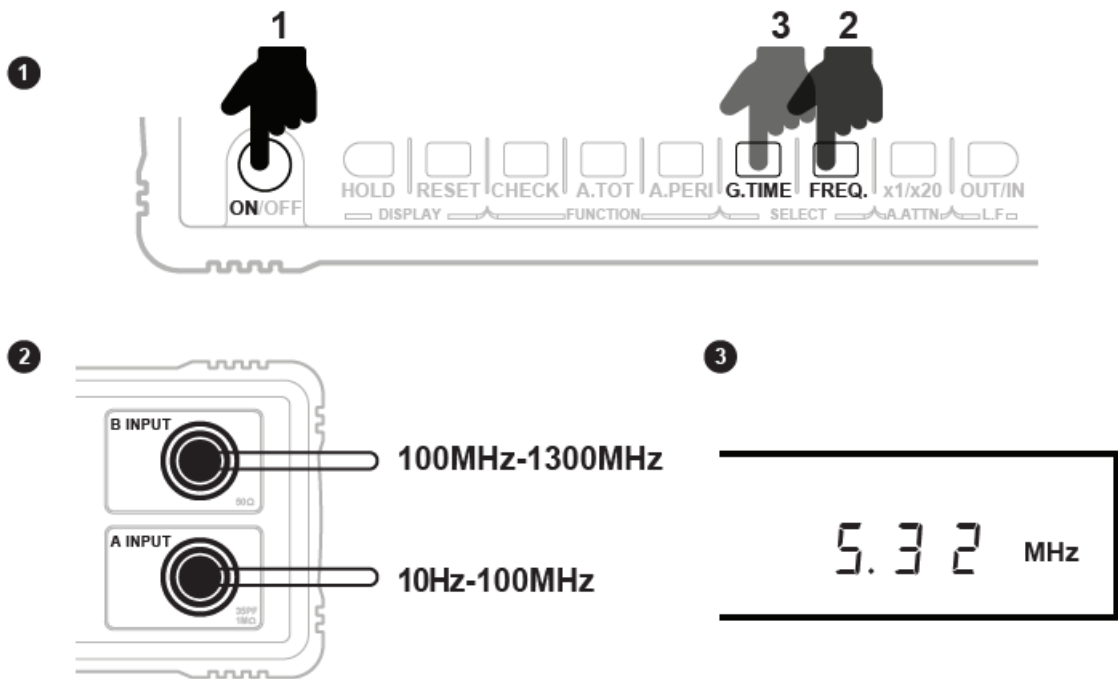
<b>Channel A</b>	10Hz~10MHz	1 count input
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Period Measurements

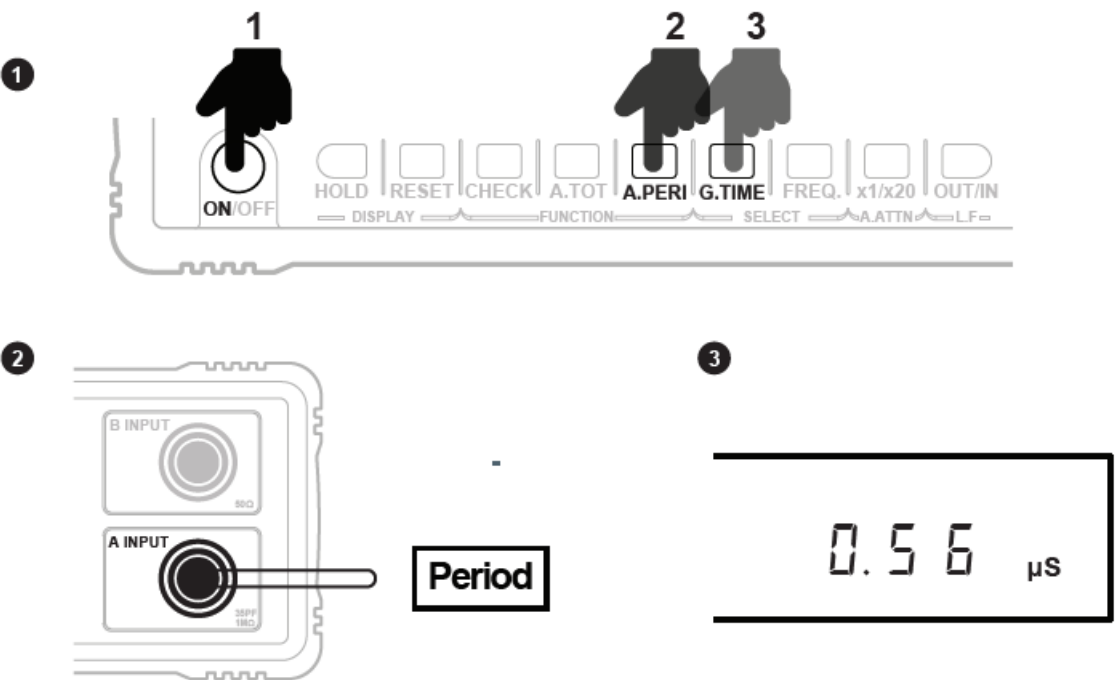
Channel A MAX Input Voltage: 250V RMS / Impedance: 1MΩ less than 35pF

Channel B MAX Input Voltage: 3V RMS / Impedance: 50Ω

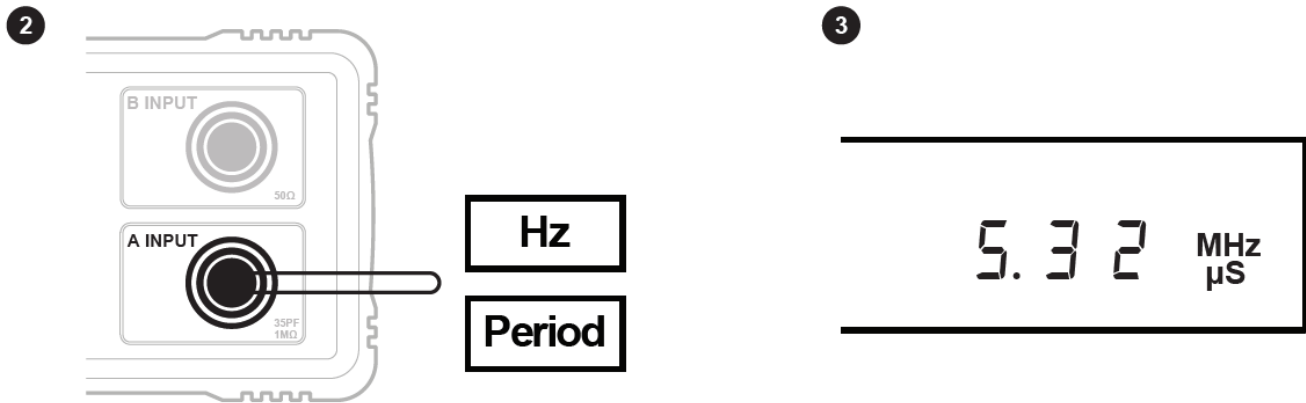
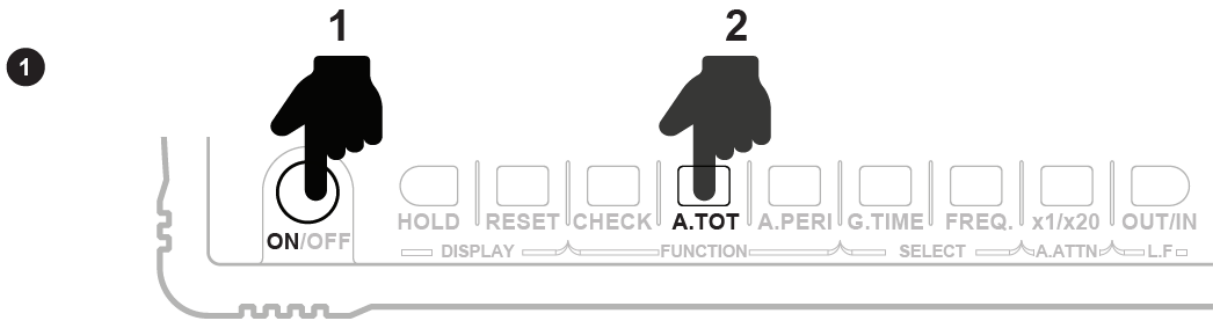
Hz



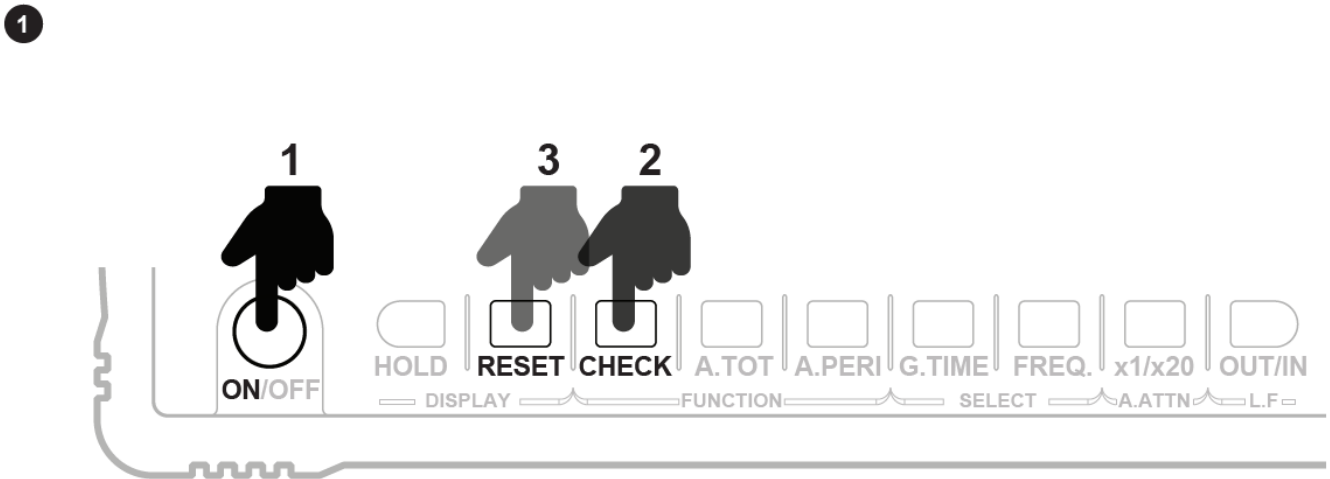
Period Measurement




Total Measurement



Check



Documents / Resources

	<p><a href="#">MASTECH MS6100 Multi-Function Digital Counter</a> [pdf] User Guide</p> <p>MS6100, Multi-Function Digital Counter, MS6100 Multi-Function Digital Counter</p>
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