

TASI

TA806A

DIGITAL MULTIMETER

Users Manual

CE



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Pack #: PB01-9918

Dear customer,

Thank you for choosing **TASI**,

If there are any technical questions, please contact:

<http://www.china-tasi.com>

Introduction

TA806A is a 4000 count auto identification multi-function digital multimeter, powered by AAA 1.5V battery and LCD digital display; It is an ideal tool for laboratories, commerce and electric industry.

Safety Statement


The design and manufacture of the multimeter conform to EN 61010-1 International electrical safety standards, and compliance with EN 61010 CAT.II 600V measurement category and pollution grade 2.

Safety Information

To prevent eye damage and personal injury, please read all safety information carefully before you use the product.

⚠Warning

- Do not alter the Product and use only as specified, or the protection supplied by the Product can be compromised;









- Measure a known voltage first to make sure that the product operates correctly;
- Look for cracks or missing plastic. Carefully look at the insulation around the terminals;
- Replace the batteries when the "  " symbol shows to prevent incorrect measurements;
- Connect the common test lead before the live test lead and remove the live test lead before the common test lead;
- Limit operation to the specified measurement category, voltage, or amperage ratings;
- Do not use test leads if they are damaged. Examine the test leads for damaged insulation;
- To prevent battery leakage, please remove the battery if the product is not used for an extended period of time, or if stored in temperatures above 50°C;
- To prevent the risk of electric shock or product damage that may result from battery leakage, please repair the product before use when the battery is leaking;
- The battery door must be closed and locked before you operate the product;
- Do not put battery cells and battery packs near heat or fire. Do not put in sunlight;
- Do not use the Product around explosive gas, vapor, or in damp or wet environments.

Caution

To avoid possible damage to the Meter or to the equipment under test, follow these guidelines:

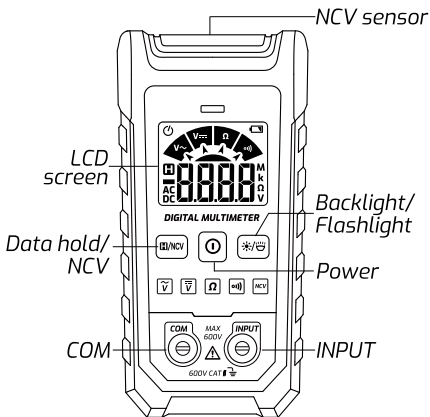
- *Disconnect circuit power and discharge all high-voltage capacitors before testing resistance, continuity, or diodes;*
- *Use the proper terminals, function, and range for all measurements. When measuring current, turn off circuit power before connecting the Meter in the circuit. Remember to place the Meter in series with the circuit;*
- *When making electrical connections, connect the common test lead before connecting the live test lead; when disconnecting, disconnect the live test lead before disconnecting the common test lead;*
- *Never place the probes across (in parallel with) any circuit or component when the leads are plugged into the current terminals;*
- *Do not work with voltages above 600V DC or 600V AC.*

Symbol

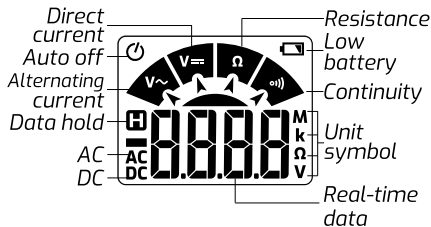
<i>Symbol</i>	<i>Description</i>
	<i>Warning / Risk of danger</i>
	<i>DC (Direct current)</i>
	<i>AC (Alternating current)</i>
	<i>Continuity</i>
	<i>Resistance</i>
	<i>NCV</i>
	<i>Low battery</i>
	<i>Earth</i>

Product

Overview



Display



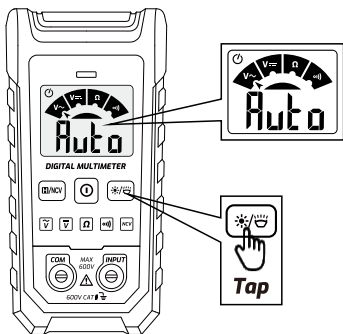
Selecting modes with SMART mode

The below table shows which measuring / testing modes the SMART mode supports. If a mode / range is not supported, you can select it manually.

Mode	Range	SMART mode supported
DC Voltage	0.8V ~ 600V	Yes
AC Voltage	0.8V ~ 600V	Yes
Resistance	1 Ω ~ 40M Ω	Yes
Continuity	1 Ω ~ 50 Ω	Yes
NCV	—	No

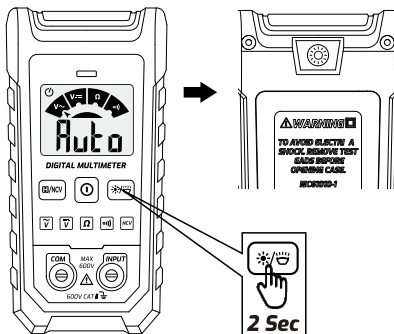
Operation

Backlight

1

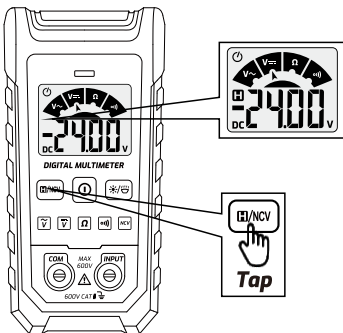
Flashlight

2



Data Hold

3



Auto Power Off

4

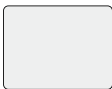


15 min

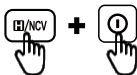
OFF

Disable Auto Power Off

5



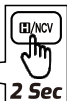
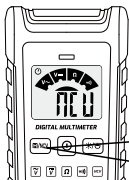
ON

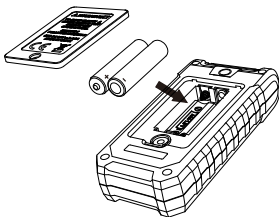


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NCV Tests

6





Detailed Specifications

Resistance

Range	Resolution	Accuracy
4K Ω	0.001K Ω	$\pm(1.2\% \text{ reading} + 5)$
40K Ω	0.01K Ω	
400K Ω	0.1K Ω	
4M Ω	0.001M Ω	
40M Ω	0.01M Ω	

AC / DC Voltage

	Range	Resolution	Accuracy
AC	4V	0.001V	$\pm(1.2\% \text{ reading} + 5)$
	40V	0.01V	
	400V	0.1V	
	600V	1V	
DC	4V	0.001V	$\pm(1.0\% \text{ reading} + 5)$
	40V	0.01V	
	400V	0.1V	
	600V	1V	

General Specifications

LCD screen	B&W screen
Display	4 digits, max 4000
Accuracy	0.1 x accuracy / °C(<18°C/>28°C)
Sampling rate	3 times/s
Overload	"OL"
Auto power off	15 min. (can be disabled)
Working environment	-10 ~ 50°C; max 80%RH, indoor altitude < 2000m
Storage environment	-10 ~ 50°C; max 70%RH (battery removed)
Product size	117 x 58 x 26mm
Screen size	33 x 25mm
Weight	Approx.75g (battery not included)
Power	2 x 1.5V AAA

Warranty:

Each product is warranted in material and workmanship under normal use. The warranty period is one year and begins on the date of purchase.

To obtain warranty service, please contact the dealer or manufacturer to obtain return authorization information, then send the product to the service center.

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Product: DIGITAL MULTIMETER

Model: TA806A

Date: 06/02/2023

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