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YOJOCK YOJOCK-...

# YOJOCK USB C Tester Voltmeter Instruction Manual

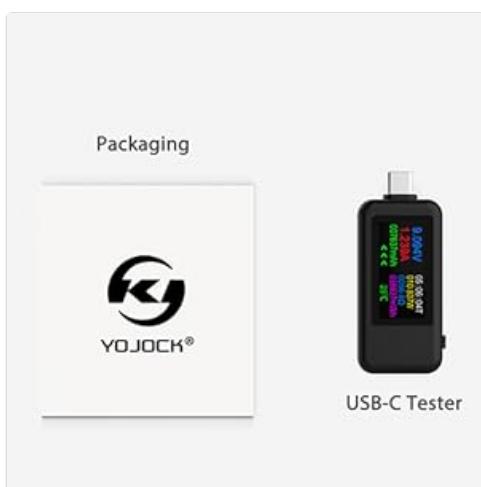
Model: YOJOCK-... | Brand: YOJOCK

## 1. INTRODUCTION AND OVERVIEW

The YOJOCK USB C Tester is a versatile digital multimeter designed for monitoring the charging status and performance of USB-C compatible devices. It provides real-time detection of various electrical parameters, making it an essential tool for digital enthusiasts and professionals.

This device features a 0.96-inch IPS high-definition LCD color screen, offering clear and comprehensive data display. With 4-bit accuracy, it ensures precise measurements for voltage, current, power, capacity, energy, equivalent impedance, and temperature.

## 2. PACKAGE CONTENTS



Upon opening the package, you will find the YOJOCK USB C Tester. Please inspect the device for any visible damage before use. A transparent protective film is applied to the screen; you may choose to remove it for optimal clarity.

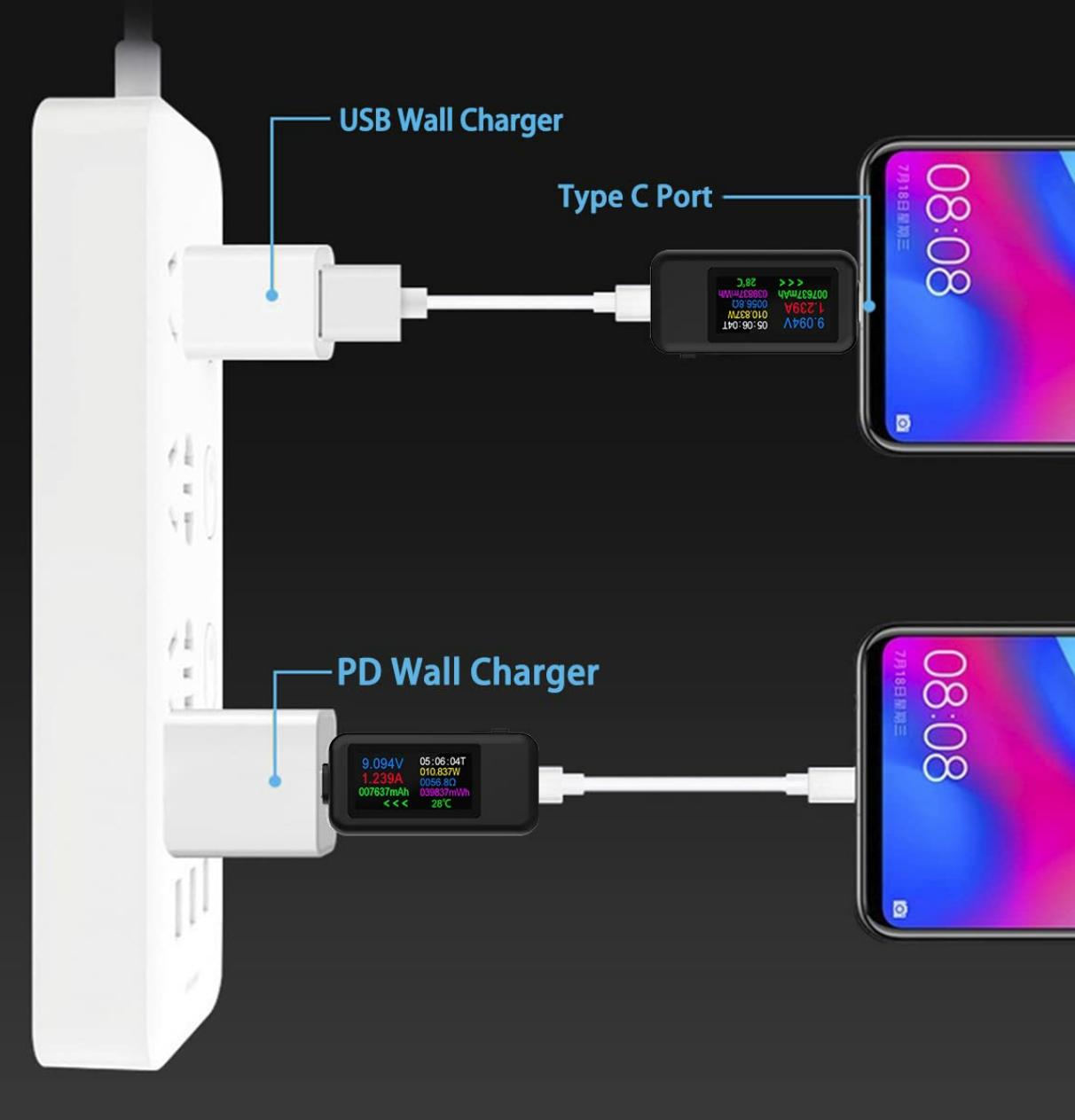
## 3. SETUP AND CONNECTION

To use the YOJOCK USB C Tester, connect it inline between your power source (e.g., wall charger, power bank) and the device you wish to monitor (e.g., smartphone, laptop).



The USB C Tester connected to a laptop, monitoring charging status.

# Allows for Connections in Two Directions



The tester supports connections in two directions, compatible with various USB and PD chargers.

The tester is compatible with a wide range of electronic devices, including smartphones, laptops, cameras, car chargers, and power banks.

## Test Charging Speed & Quality of USB Cable



Wide application of the USB C Tester with various devices.

## 4. OPERATING INSTRUCTIONS

### 4.1 Display Information

The 0.96-inch IPS high-definition LCD color screen displays various parameters in real-time. The 4-bit accuracy ensures precise readings.

## 2-IN-1 USB Tester



Display layout showing key measurement parameters.

## USB C Tester



Another display view, including data wire voltage.

The screen typically shows:

- **Voltage (V):** The electrical potential difference.
- **Current (A):** The flow rate of electric charge.
- **Power (W):** The rate at which electrical energy is transferred.
- **Capacity (mAh):** The total charge stored or delivered.
- **Energy (mWh):** The total electrical energy consumed or delivered.
- **Resistor ( $\Omega$ ):** Equivalent impedance.
- **Temperature ( $^{\circ}\text{C}$ ):** Internal temperature of the tester.
- **Current Direction:** Indicated by arrows.
- **Current Time:** Elapsed time of the measurement.

## 4.2 Button Functions

The single button on the device controls various display and data functions:

- **Single Click:** Cycles through different display screens, showing various combinations of measurement data.
- **Double Click:** Rotates the displayed content, allowing for easier viewing from different angles.
- **Long Press (3 seconds):** Clears all accumulated capacity (mAh), energy (mWh), and time data. This is useful for starting new measurements.

### 4.3 Power-Off Storage

The tester includes a power-off storage function. This feature automatically saves capacity and energy data even when the mobile power source is disconnected. This allows for convenient review of past measurements and helps in assessing the capacity and energy of mobile power devices.

## Wide Application

Compatible with various electronic devices



Testing charging speed and cable quality with the USB C Tester.

## 5. MAINTENANCE

- **General Care:** Keep the device dry and clean. Avoid exposure to extreme temperatures, direct sunlight, or corrosive substances.
- **Button Sound:** The button on this product may produce a slight rattling sound when shaken. This is a normal characteristic designed to facilitate quick double-clicking and is not indicative of a product defect.
- **Screen Protection:** A transparent protective film is applied to the screen. You may choose to remove it based on your preference.

## 6. TROUBLESHOOTING

- **Erratic Readings:** If the screen displays erratic data or incorrect readings, try disconnecting and

reconnecting the tester. A long press (3 seconds) on the button to clear data may also resolve minor display issues.

- **Loose Connector:** To prevent the USB-C connector from becoming loose, always handle the tester carefully when plugging and unplugging. Avoid applying excessive force or strain to the ports.
- **No Display:** Ensure the tester is properly connected between a functioning power source and a device. The tester draws power from the connection to operate its display.

## 7. SPECIFICATIONS

Feature	Specification
Brand	YOJOCK
Model Number	YOJOCK-...
Voltage Measurement Range	4V - 30V
Current Measurement Range	0 - 5.1A
Display Type	0.96-inch IPS High-Definition LCD Color Screen
Measurement Accuracy	4-bit
Data Storage	Power-off storage for capacity and energy data
Dimensions (Package)	8.31 x 7.39 x 1.9 cm
Weight	30 g
Country of Origin	China

## 8. WARRANTY AND SUPPORT

Specific warranty information for the YOJOCK USB C Tester is not provided in this manual. Please refer to the product packaging, the seller's website, or contact YOJOCK customer support directly for details regarding warranty coverage and technical assistance.

For further support or inquiries, please visit the official YOJOCK website or contact your retailer.