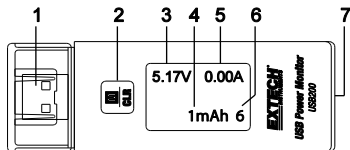# USB200 - USB Power Monitor

INTRODUCTION

Thank you for selecting the Extech USB200 USB Power Monitor. The USB200 monitors voltage, current, and charge capacity to determine the quality and stability of chargers, power banks, and cables.

1. USB plug with protective cover
2. Button: Memory location/Mem Clear
3. Voltage reading
4. Capacity reading
5. Current reading
6. Memory location
7. USB cable jack

OPERATION

Check USB Charger Voltage

Plug the USB200 into the charger port and read the voltage (V). If the voltage is outside the normal 5V (±5%) USB charging range, 'H' will appear (>5.3V) or 'L' will appear (< 4.70V).

Check Capacity on Electronic Devices

Plug the USB200 into the charger, connect a cable to the USB200 input jack, and connect an electronic device to the cable. Read the current draw in Amps (A) and transfer capacity in milli-amp hours (mAh).

Compare Charging Cables

Use the same test setup as described in 'Check Capacity…' and compare cables. Read the displayed current (A) for each cable. Higher current = better quality cable.

Record Memory for Charge Capacity

The USB200 records charge capacity over time in mAh units. Insert the USB200 into a charging port and short press the **M** button to select a storage bank (0-9). Recording begins automatically. To erase data in the selected bank, long press the **CLR** button.

SPECIFICATIONS

Voltage: 3.00 ~ 9.00 VDC

Current: 0.00 ~ 3.00 ADC

Charge Capacity: 0 to 9999 mAh

Memory: 10 storage banks (0 ~ 9)

Out-of-Range indication: 'H' >5.3V or 'L' <4.7V

NOTE: Compatible only with USB-A type connector/input devices

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