手机电压表使用说明书 v4.0

VoltOTG 是一款直流电压表，基于 USB OTG 接口 android 手机的电压表，必须通过配套的 APP 使用，通过转接头也可以连接电脑 USB 口使用。

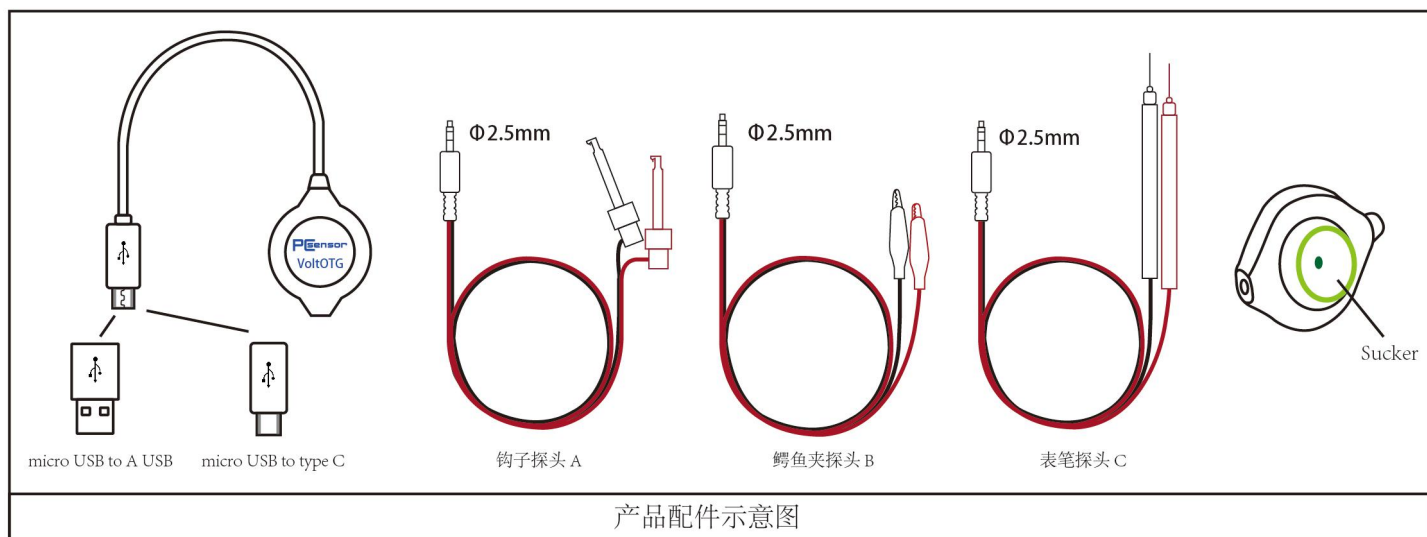VoltOTG 探头到 USB 没有隔离，因此不建议测量高压。

测量范围:-40~+40V(注意：探头和 USB 之间没有电性隔离，因此不建议测量带高压的信号)；

AD 转换精度:16bitAD （IC: ADS1110）

采集速度:115200bps

USB 通讯模式:USB to COM port

通过 android 手机软件可以看到测量到的信号的实时数据，波形,最大值，最小值,平均值,数据保存到文件等功能。

产品配件示意图

序号	规格型号	数量	备注
1	主体 VoltOTG	1	带标签，吸盘，2.5mm 音频插座
2	钩子探头 A /0.5m	1	
3	鳄鱼夹探头 B /0.5m	1	
4	表笔探头 C /0.5m	1	
5	micro USB 转 A USB	1	
6	micro USB 转 type C	1	
7	安卓软件下载地址	1	http://software.PCsensor.com

VoltOTG is a DC voltage meter, it's a voltage meter which was based on USB OTG interface and use on Android mobile phone , it must be used with the matching APP, it can also connect with the computer USB port by adapter.

There is no isolated between VoltOTG probe and USB , so it's not recommended for measuring high voltage.
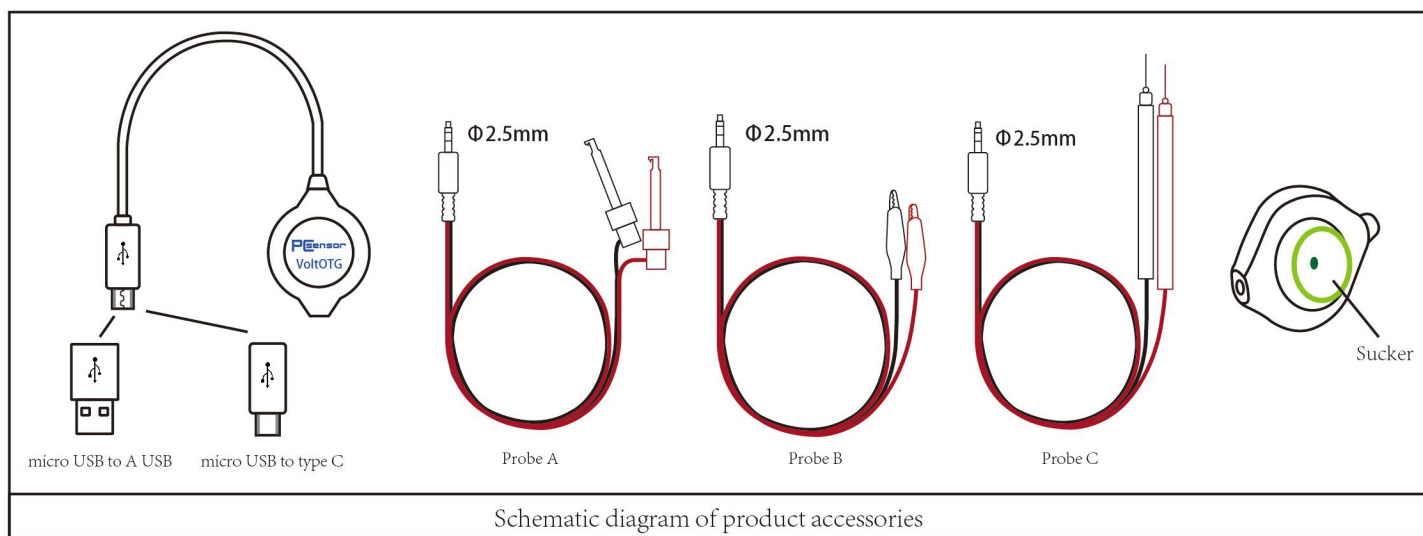
Measuring range：-40~+40V(Attention:There is no electrical isolation between the probe and the USB, so it is not recommended to measure the signal with high voltage)；

AD Conversion accuracy：16 bit AD （IC: ADS1110）

Baud Rate：115200bps

USB COM mode：USB to COM port

It can be seen on Android mobile phone software about the measure real-time data ,curve, maximum, minimum, average, data stored in files ,etc.

Schematic diagram of product accessories

No	Specifications Model	quantity	Remarks
1	Main device/ VoltOTG	1	With label, sucker, 2.5mm audio jack
2	Probe A /0.5m	1	
3	Probe B /0.5m	1	
4	Probe C /0.5m	1	
5	micro USB to A USB	1	
6	micro USB to type C	1	
7	Android APP software website	1	http://software.PCsensor.com