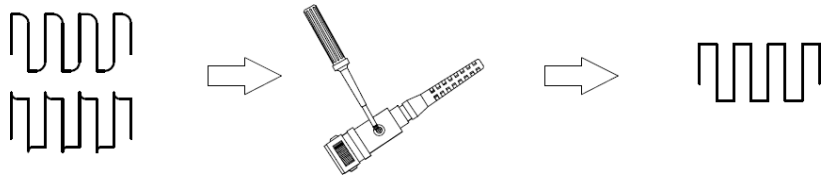


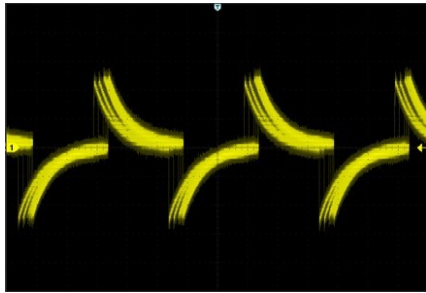
Automotive Oscilloscope VATO Series

Quick Guide

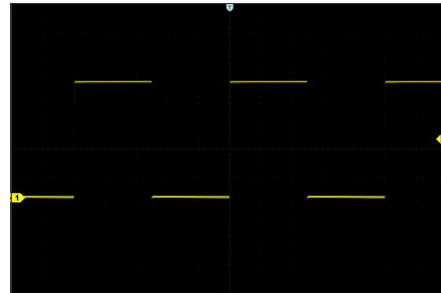
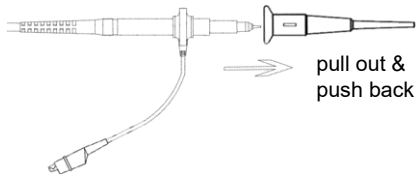
The edges of the square waveform will exhibit overshoot or undershoot when excessive/insufficient compensation is applied, respectively. The various waveforms involved are shown below. **Use the trimmer to adjust the waveform.**



Possible Abnormal:



Possibly caused by probe hook cap loose, need to push the cap back to normal



Low visibility: adjust waveform brightness on oscilloscope: Drop-down menu => Display
=> Waveform

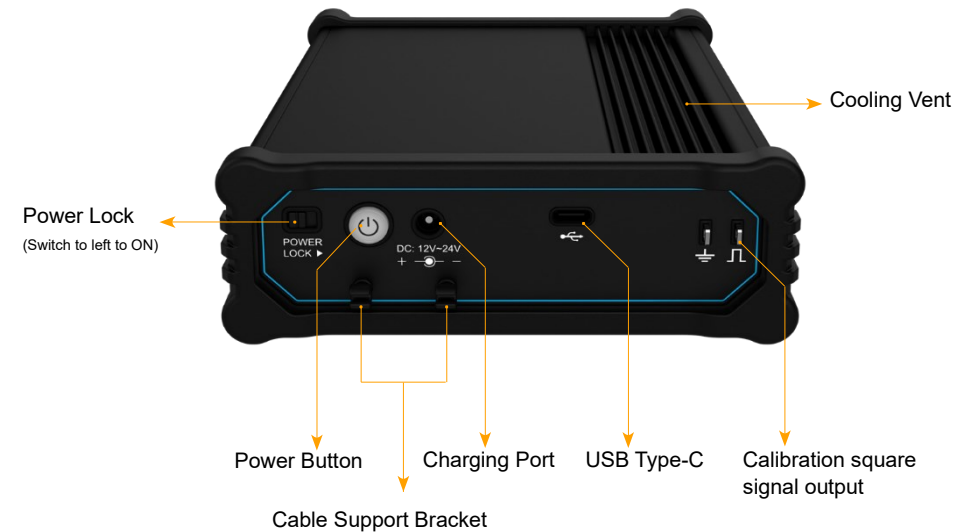
6. Contact Information

Shenzhen Micsig Technology Co., Ltd.

Tel: +86-755-88600880

Email: sales@micsig.com

Website: www.micsig.com



1. General Inspection

Please check package status when received the goods:

■ Check Transport Damage

If you find serious damage to the packing box or foam plastic, please keep them until the equipment passed electrical and mechanical performance tests.

■ Check The Accessory

A packing list is included in the box. Please check if the accessories are complete. If accessories are missing or damaged, please contact the seller.

■ Check The Instrument

If the appearance of the oscilloscope is damaged or fails to pass the performance test, please contact the seller or Micsig.

2. Power On

Please make sure the power lock is switched left to "ON".

If you need to go out, after the oscilloscope is turned off, please switch the lock to "OFF", make sure the oscilloscope will not turn on accidentally.

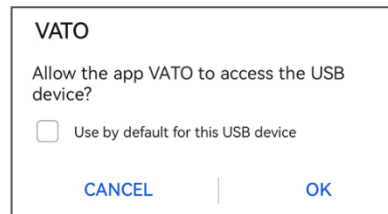
 **Note: Please use Micsig standard power adapter to charge the oscilloscope.**

3. Installation

Visit <https://www.micsig.com/VATO/> to download the Oscilloscope Apk. and install on your **Android (only)** devices.



VATO Apk.



Main steps: Power on VATO oscilloscope => Open App => Connect VATO to Android device with USB type-C => Confirm to open

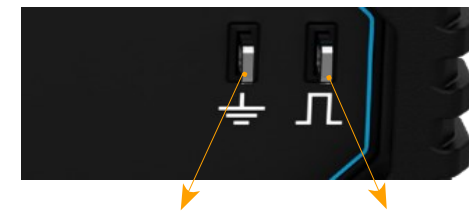
4. Connections

Piercing probes and alligator clips are the most commonly used accessories in automotive diagnosis. Connect the BNC end of the BNC to banana cable to the oscilloscope, connect the red banana tip to the piercing probe, connect the black banana tip to the alligator clip. Insert the piercing probe into the signal wire, and clamp the crocodile clip to the Ground end.



5. Probe compensation

The calibration signal port is on the side of the oscilloscope, connect the signal output with probe hook, and connect the Ground end with alligator clip. Use the AUTO function on oscilloscope to check if the waveform is a standard square wave.



Ground

Square waveform output