# LAUNCH

## X-431 *GDS* *Sensorbox*

### SENSOR SIMULATOR

Turn your PAD II into a unique Sensor Simulator with the GDS Sensorbox!  Not sure if you have a faulty sensor?  Simply simulate that sensor with a known good waveform via the Sensorbox and know right away!  Need a "different" or variation of a waveform? No worries , with your finger, simply hand draw your desired wave form on the  GDS and click start to have the Sensorbox begin generating that very waveform.

The GDS Sensorbox also allows you to create and modify all kinds of signal parameters such as Coolant Temperature, Mass Air Flow, Throttle Position and more, saving wasted time replicating driveability issues.

With the built-in digital Multimeter function, you can display voltage, resistance and frequency and print out results via the GDS.

### FEATURES & BENEFITS

— Allows The Technician To Substitute Known Good Waveforms For Intermittent Components That Cannot Be Verified

— Contains A Library Of Standard Reference Waveforms That Can Be Modified By The Stroke Of A Finger

— Generate Hand Drawn Waveforms Right On The Screen

— Sensor Simulations:
- DC Voltage
- Fixed Frequency
- Predefined Waveform
- Hand Drawn Waveform

— Integrated Multimeter Test Functions:
- Voltage
- Resistance
- Frequency

### TEST CABLES & ACCESSORIES

### TECHNICAL SPECIFICATIONS

**SENSORBOX**

| PARAMETER | RANGE |
|---|---|
| PRECISION | ±5% |
| AMPLITUDE RANGE | -12V ~ +12V |
| MAXIMUM OUTPUT CURRENT | 70mA |
| PREDEFINED FREQUENCY RANGE | 0~150Hz |
| SQUARE WAVE SIGNAL PULSE FREQUENCY | 0~15KHz |

**MULTIMETER**

| PARAMETER | | RANGE |
|---|---|---|
| PRECISION | | ±5% |
| VOLTAGE TEST | TEST RANGE | DC-400V~+400V |
| | INPUT RESISTANCE | 10Mohm |
| RESISTANCE TEST | TEST RANGE | 0~40Mohm |
| FREQUENCY TEST | TEST RANGE | 0~25KHz |
| | INPUT RESISTANCE | 1000Gohm |
| | INPUT AMPLITUDE | 1~12V |

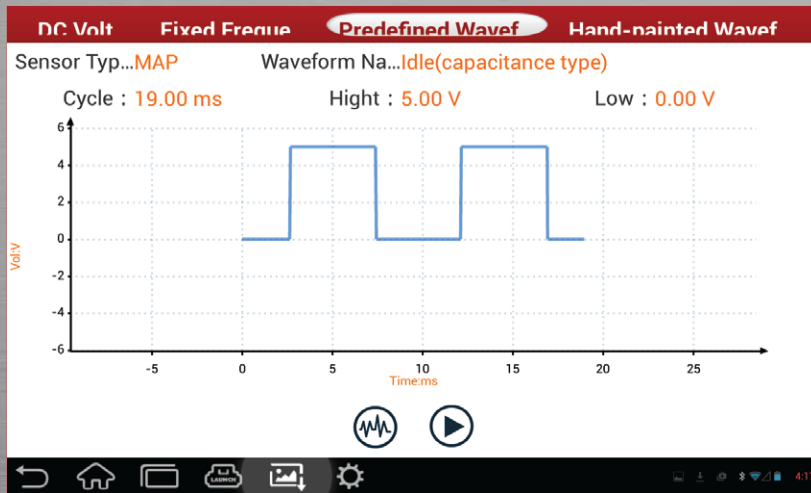*X-431 GDS Not Included*
*Must Be Purchased Separately*
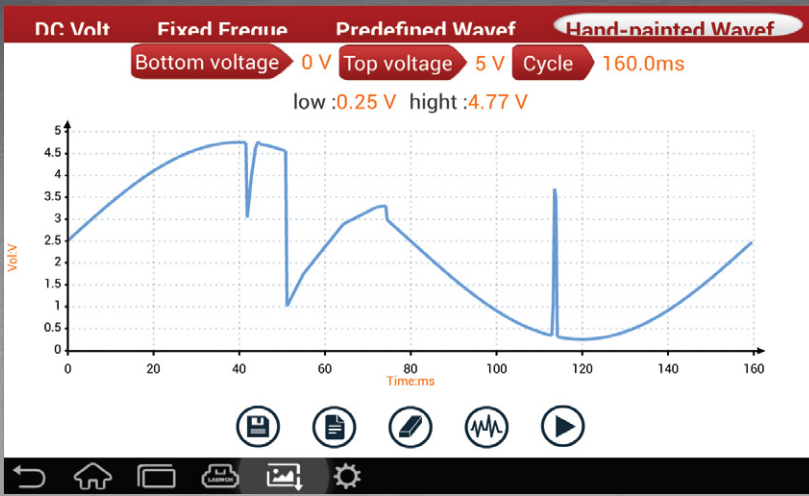
**Hand-Drawn Waveform**
See what you have drawn in Datastream graphs on the PAD II.
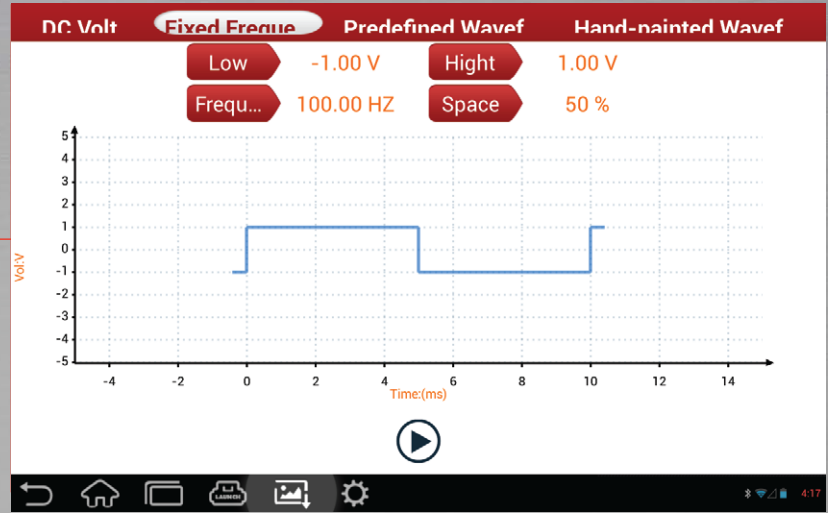


**Fixed Frequency Data Stream**
See what you have drawn in Datastream graphs on the PAD II.



**Predefinition Waveform Simulation**
Choose from an array of common sensors that are already drawn.

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