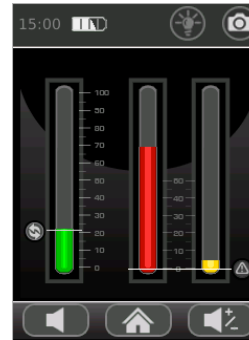


Quick Start Guide

This card is intended to familiarize the user with some of the basic ORION HX functions and capabilities. Minimal explanation is provided. Detailed explanations of ORION HX functions and procedures are provided in the User's Manual.



When the ORION HX first powers up, the initial screen will be the Home Screen. Press the Bar Graph icon to access the Bar Graph screen.



To Test with 2nd or 3rd Harmonic Test Tag:

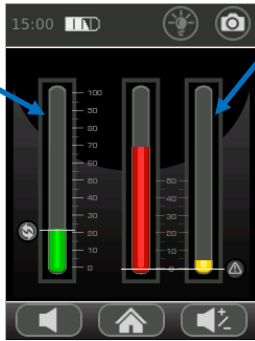
1. Press the **Power Button** at the top left of the Touchscreen Display to power on the unit.
2. From the Home Screen, press the Bar Graph Icon to access the Bar Graph Screen.
3. On the Bar Graph Screen, repeatedly tap the top half of the Power Level indicator (the green bar) to increase transmit power to 100%
4. Press the **Power Button** again to select Manual Transmit Mode. The Auto Transmit Mode indicator will disappear from beside the Power Level indicator.
5. Hold the ORION HX head just above the provided 2nd Harmonic Test Tag. The LED inside the enclosed test tag will light verifying that the ORION HX is transmitting. Notice the bar graphs are maxed out.
6. Press the **Power Button** again to select Auto Transmit Mode. The Auto Transmit Mode indicator will reappear.
7. Hold the ORION HX head just above the 2nd or 3rd Harmonic Test Tag. After settling, the bar graphs and display will indicate either a “semiconductor” or “corrosive” junction.



Auto Transmit
Mode Indicator

ORION HX Display Screens

Transmit Power Indicator
(Tap the top half of indicator to increase transmit power. Tap the bottom half to decrease transmit power.)



Bar Graph Screen

2nd/3rd Harmonic Indicators
A strong 2nd (red bar graph) indicates semiconductor. A strong 3rd (yellow bar graph) indicates corrosion.

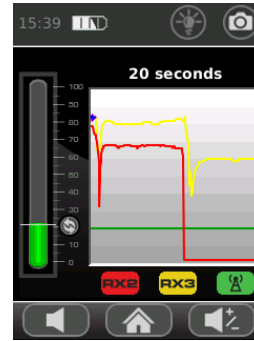
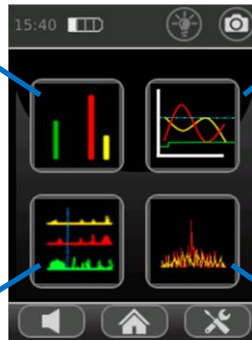


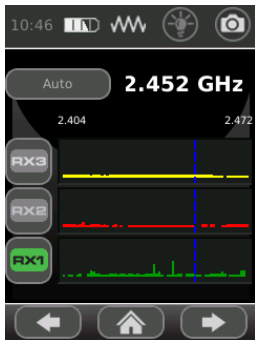
Chart Screen

Provides time-based history of transmit power level (green trace), 2nd harmonic level (red trace), and 3rd harmonic level (yellow trace)

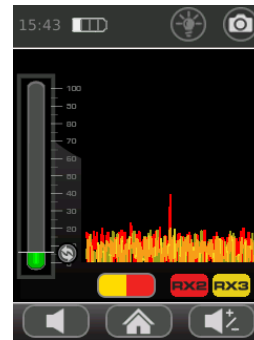


Home Screen

Tap the chart to change the transmit frequency. Use the arrows at the bottom of the screen for fine adjustment.



Frequency Adjust Screen



Spectrum View

Provides an FFT-based spectral representation of the 2nd harmonic (red trace) and 3rd harmonic (yellow trace) receivers