



SODERA™

WIDEBAND BLUETOOTH® PROTOCOL ANALYZER



ComProbe Sodera is a highly portable, wideband *Bluetooth* protocol analyzer that captures ALL *Bluetooth* traffic.

Key Features and Benefits

- Capture ALL over-the-air *Bluetooth* packets
- Every *Bluetooth* channel captured concurrently for decryption and analysis at any time
- With the Audio Expert System, quickly pinpoint *Bluetooth* protocol-related audio issues
- All profiles and protocols supported through *Bluetooth* 4.2.
- Frontline's ComProbe software and familiar data views
- Intuitive analysis of multiple wireless devices and connections
- User-replaceable battery and small footprint lets you work when and where you need to
- Software defined radio architecture is ready for future *Bluetooth* updates

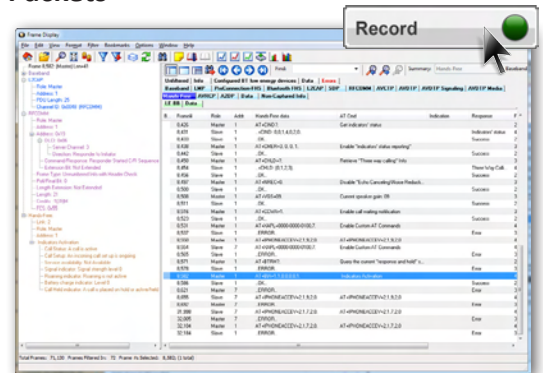


Frontline has redefined protocol analysis with a tool that makes it easier for professional developers and engineers to get great new wireless products to market faster. Simply turn on the ComProbe Sodera analyzer to capture all *Bluetooth* packets, including discovery/connection traffic and SSP pairing in lab, automotive and other remote settings. Information is collected and recorded for decryption and analysis live or at any time after capture. Select the conversation you care about

for those packets to be analyzed by the industry-best ComProbe software for the most reliable, complete and mature packet analysis in the world today, featuring full *Bluetooth* 4.2 support.

One Click Capture of All Bluetooth Packets

ComProbe Sodera concurrently captures all *Bluetooth* packets (BR/EDR/LE) across all channels, including paging, inquiry, secure connections, secure simple pairing, and data exchange packets.



Post-Capture Decryption and Debugging

Start the analyzer and begin capturing - the raw data can be decrypted, decoded and filtered later.



Identify Root Cause of Bluetooth Audio Problems

ComProbe Sodera works with Frontline's Audio Expert System software module to quickly pinpoint *Bluetooth* protocol-related issues by synchronizing audio, codec, and *Bluetooth* protocol events directly back to the protocol trace.

The Ultimate in Portability

ComProbe Sodera's compact size and quick-change battery allow easy, on-the-go testing in automobiles and other power-sparse environments.

Future-Ready

Bluetooth wireless technology is ever-changing. ComProbe Sodera's software-defined radio architecture means that it fully supports *Bluetooth* 4.2, and is ready to grow with updates to the *Bluetooth* specification.



ComProbe is a registered trademark of Frontline Test Equipment, Inc.



Hardware Specifications

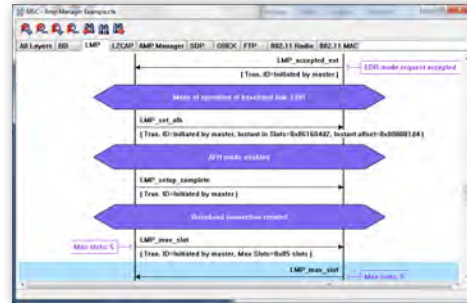
- **Power:**
9-17 VDC
- **Dimensions:**
6.25" wide X 2.125 tall" X 6.5 deep"
158.75 mm X 53.975 mm X 165.1 mm
- **Weight:**
2.2 lbs
- **Bus Type:**
USB Standard Type-B
- **Operating Frequencies:**
2402 MHz – 2480 MHz
- **Sensitivity Range**
-85.0 dBm to +10 dBm
- **Supported Demodulators**
BR/EDR and LE (GFSK, $\pi/4$ DQPSK, 8DPSK)
- **Operating Temperature:**
5° to 35° Celsius (41° to 95° Fahrenheit)
- **Humidity:**
Operating: 10% to 90% RH
(noncondensing)
- **Regulatory Compliance**
PSE FCC part 15 B
CE NRTL
ARIB T-66 EMC
EN 60950

ComProbe Sodera is fully Bluetooth 4.2 compliant, as well as all previous Bluetooth specifications (1.0, 1.1, 2.0+EDR, 2.1+EDR, 3.0, 4.0, 4.1).



The ComProbe Software You Already Use

ComProbe Sodera works seamlessly with Frontline's ComProbe Protocol Analysis Software; "Frame Display" for packets in tabular format based on profiles and protocols; "Timeline View" to see packets displayed sequentially in a clear graphical timeline; Message Sequence Charts; and Packet Error Rate Statistics - all views are synchronized right down to the packet.

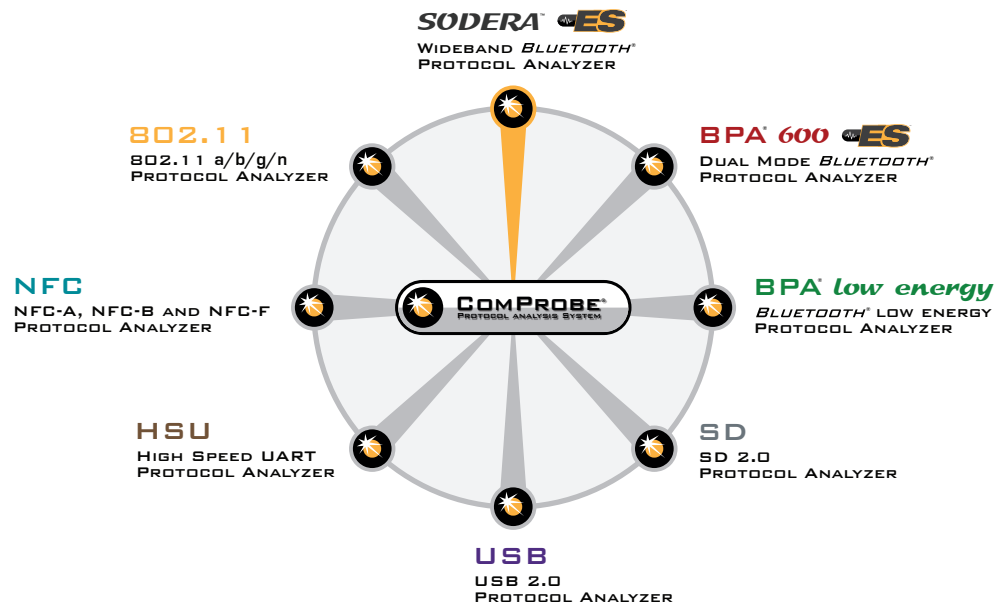


Supported Configurations

- OS Supported: Win 7 and Win 8
- USB Port: USB 2.0 or USB 3.0 High-Speed

Minimum System Requirements

- Processor: Core i5 processor at 2.7 GHz
- RAM: 4 GB
- Free Hard Disk Space: 20 GB



The ComProbe Modular Approach

ComProbe software is at the core of Frontline protocol analysis, allowing technology-specific hardware interfaces to work individually or in combination with other hardware interfaces. This modular approach gives the developer or analyst the widest possible range of scenarios for debugging complex communications.

To order or for more information:

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