

BLUETOOTH LOCATOR BLUE SLEUTH

QUICK START USER GUIDE

Options menu

Blacklist device ID (moves that device ID to bottom of list). Press trash can icon followed by device ID followed by trash can again to quickly remove (move to bottom of list) known bluetooth devices on your person from the list of unknown devices being scanned and sorted.

MAC address (top line) and device ID (name) of detected bluetooth device (bottom line). White indicates standard (BT) bluetooth device while blue text indicates (BLE) bluetooth low energy device. Red text indicates a suspicious BT device from a list of known skimmers.

Displays only bluetooth devices

Battery power remaining

Suspicious bluetooth device alert that triggers when known skimmer devices such as 'FREE2MOVE' and 'HC-05' are detected.

RSSI realtime signal strength in dBm column

Scroll up or down list by page (4 devices listed per page). Trashed (trash can icon) device IDs appear at the bottom of list. This list can be cleared in the options menu.

Displays only bluetooth low energy devices

Displays both standard bluetooth and bluetooth low energy devices. Thicker icon indicates current selection

MAC / ID	RSSI (dBm)
18:65:90:0E:1B:23 FREE2MOVE	-43
C0:CE:CD:E6:00:26 APPLE WATCH	-69
18:00:DB:0D:A1:17 FITBIT FLEX	-78
00:16:AD:8E:71:15	-100

BT ONLY BLE ONLY BT & BLE PAGE

DEVICE ID LIST SCREEN



UNPACKING

BlueSleuth ships with a charging dock, AC adapter, omni-directional and direction finding SMA antenna and receiver all in a hard carrying case.



POWERING UP/DOWN

BlueSleuth only has one physical button on the front of unit. Press this white button to power up and hold it down for 3 seconds to power down.



CHARGING

BlueSleuth ships with an AC powered charging dock. Place unit in charging dock and be sure the red LED on top of unit is ON. If red LED is not ON, Yorkie is not being charged. Try adjusting BlueSleuth in dock until red LED is ON. Charging takes approximately 4-5 hours. BlueSleuth runs approximately 16 hours on a full charge. BlueSleuth may also be operated while it is charging. BlueSleuth has smart trickle charging circuitry that is always calibrating the battery but if your battery runtime is noticeably short after a full charge, you may need to manually calibrate the battery. Go to BATTERY under MAIN MENU for more details and consult BVS support.



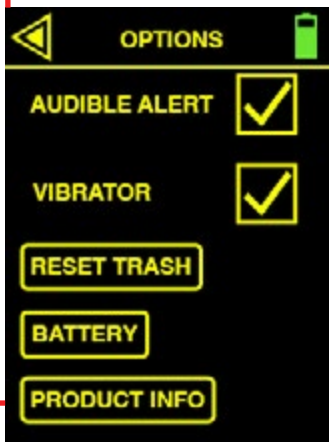
OPERATION

BlueSleuth contains 2 independent modules constantly scanning for all nearby bluetooth and bluetooth low energy devices. When BlueSleuth pairs to a BT device, the unit may begin to perform true direction finding of that device. For BLE devices that do not allow for full connection or pairing, BlueSleuth allows for basic signal strength measurement. When first scanning an area for all nearby bluetooth devices, the included omni-directional antenna is recommended. Once all nearby bluetooth devices have been detected, direction finding can be performed by replacing the omni-directional antenna with the directional antenna. For more information on typical detection ranges and environments, see included BlueSleuth data sheet or consult your BVS sales engineer.

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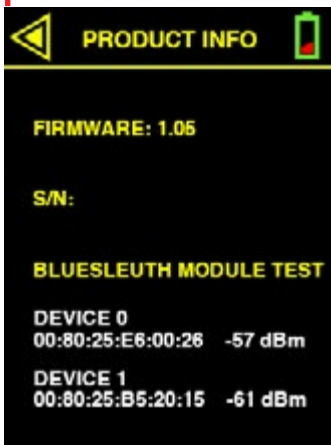
DEVICE ID LIST

Displays all BT and BLE devices and corresponding signal strength. Strongest signals move to top of list. Magnifying glass icons below sort through entire list of devices already detected. Red text and alert icon indicate suspicious BT skimmer device.



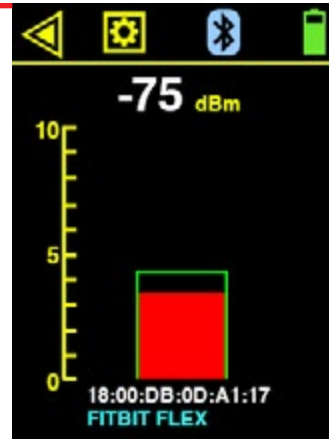
OPTIONS

Allows toggling of audible and vibrating alerts. Also allows users to reset trash (blacklisted devices) and also access to battery calibration and BlueSleuth unit information.



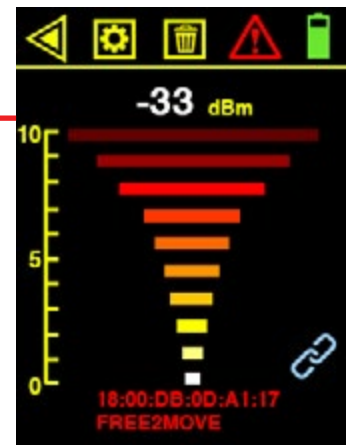
PRODUCT INFO

BlueSleuth firmware, serial number and real time internal BT/ BLE module test to verify unit operation.



BLE SIGNAL STRENGTH

Indicates signal strength of nearby bluetooth low energy devices to verify activity and approximate location of device. Vibration and audible beeping alerts increase with signal strength. Since this screen only indicates BLE measurement, it is not truly paired to BLE device making true direction finding more challenging but not impossible.



BLUETOOTH DIRECTION FINDING

Once paired with a nearby active bluetooth device, this screen allows for true direction finding of hidden devices with range up to 125 feet. Vibration and audible beeping alerts increase with signal strength. Pairing chain icon (lower right) blinks to indicate pairing in process. Audible beeps only occur when there is a change in measurement. Chain link icon stops blinking once pairing is successful enabling fast RSSI measurements for true direction finding. Be sure to only use included direction finding antenna while in this screen.



CALIBRATION

View remaining battery power in this screen. Tap screen to begin battery calibration procedures.