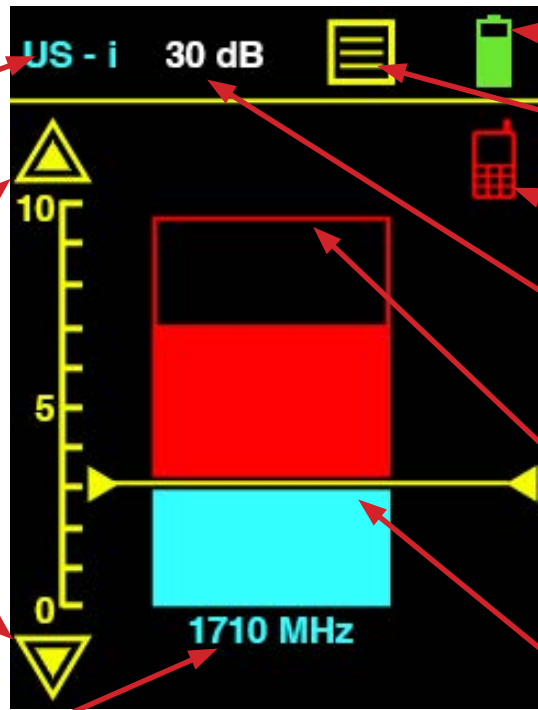
YORKIE QUICK START USER GUIDE

CELL PHONE DETECTOR



Current country's RF band being detected - see page 2

Battery power remaining - see page 2

Navigate to main menu - see page 2

Icon indicates cell phone detected over threshold setting

Tap threshold up / down arrows to raise / lower the level at which cell phone RSSI level trigger Yorkie

Current attenuation setting - see page 2

Watermark peak level detected - see page 2

Radio frequency of phone detection

Real time signal strength bar. Blue appears under threshold while red appears over threshold

SINGLE MEASUREMENT SCREEN

UNPACKING

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

POWERING UP/DOWN

Yorkie 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

Yorkie ships with an AC powered charging dock. Place unit in charging dock and be sure the red LED on top of unit in ON. If red LED is not ON, Yorkie is not being charged. Try adjusting Yorkie in dock until red LED is ON. Charging takes approximately 4-5 hours. Yorkie runs approximately 4 hours from a full charge. Yorkie may be operated while it is charging but this will heat up the unit and increase charging time substantially so it is not recommended for regular use. If you prefer to operate Yorkie while it is also being charged, be sure to turn on the dual cooling fans using the power switch on the rear of charging dock. Yorkie has smart trickle charging circuity 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

Yorkie chooses the strongest cell phone signal nearby and "locks" onto that phone as it continues to scan the remaining RF bands. As the signal strength increases (or you approach the signal source), Yorkie will vibrate more frequently. If you are using Yorkie in a "noisy" RF environment, try raising the threshold level to decrease the amount of detection triggers and vibrations. If you are not detecting anything, try lowering the ATTENUATION in the OPTIONS menu. You should see a blue bar on the left rise as you lower the attenuation further. Always start measurements with attenuation set at 0 dBm. For more information on typical detection ranges and environments, see included Yorkie data sheet or consult your BVS sales engineer.

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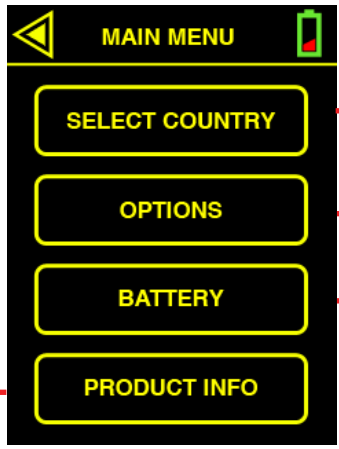
Berkeley Varitronics Systems
Wireless Detection



MAIN MENU

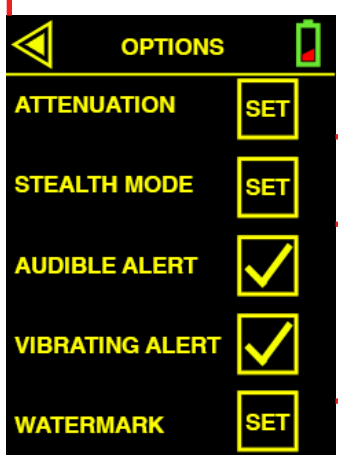
Choose sub-menus from this screen. The yellow arrow on the top left of every screen will return to the previous screen.

SELECT COUNTRY

Yorkie is factory configured for the country it ships to but users can change that country anytime by choosing the country of origin for devices they are trying to detect. For U.S. customers, Yorkie includes an option to turn off iDEN bands (helps to avoid false triggers from nearby emergency units) or turn on FirstNet bands in addition to standard U.S. bands.

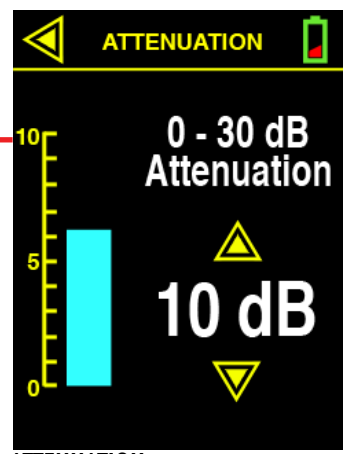
PRODUCT INFO

View firmware version installed and your unit's serial number.



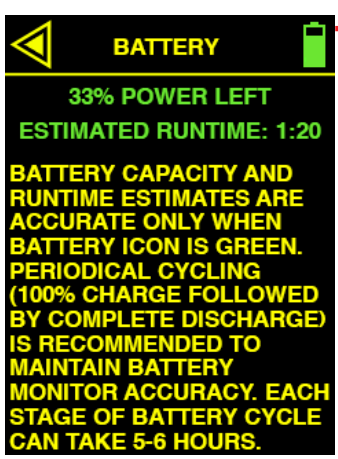
OPTIONS

All measurement options with 'SET' choices will take you to additional screens except for 'VIBRATOR' which is toggled ON by default.



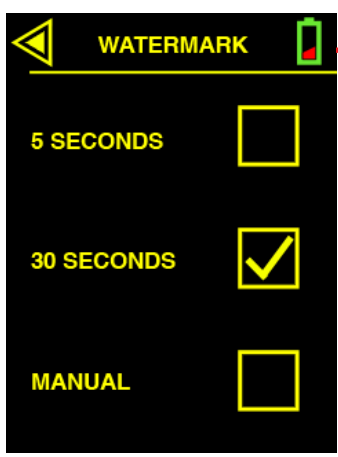
ATTENUATION

Tap up / down on yellow arrow to raise / lower attenuation from 0 to 30 dB. Lower the attenuation (increases sensitivity) to detect faint signals and raise attenuation to lower sensitivity of overly strong RF signals.



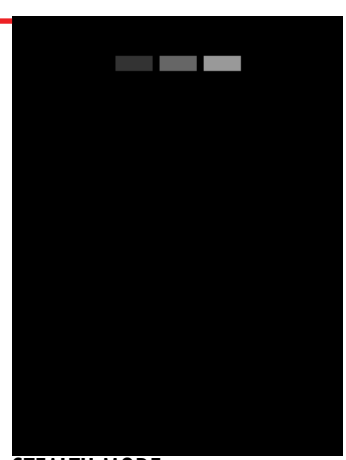
BATTERY

View remaining battery power in this screen.



WATERMARK

SET reset time for watermark peak level or 'MANUAL' which resets when users tap on main measurement screen.



STEALTH MODE

This mode keeps the screen minimized and dim for covert operations. Vibration is ON by default. Tap screen anytime to exit mode.