

What's NEW

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Larry Van Horn, New Products Editor

Is My Cell Phone Bugged?

By Kevin D. Murray

Kevin Murray, author of a new book *Is My Cell Phone Bugged?*, is a top surveillance countermeasures expert. His organization, Murray Associates, in Oldwick, NJ, is internationally recognized for its cutting edge technologies in revealing covert spying.

Murray recognizes that most of us think of electronic spying in terms of hidden transmitters, recorders, and microphones. Movies popularize bugging done by suspicious spouses, unscrupulous business competitors, crime investigators, or government entities.

The truth is that some models of cell phones sitting on your side table, or dangling from your belt, are just waiting for a silent signal to open them up for listening.

Murray's easy-reading style describes the many ways that nefarious intruders can commandeer your phone electronically, loading it with vulnerable software and downloading your private information.

Fortunately, there are many ways to prevent such an easy intrusion into your personal life, as well as to detect the attempt from someone accessing your cell phone and all its records. Have you noticed a sudden decrease in battery life? Does the display occasionally light up on its own? Does the phone feel warm even though you haven't been using it? Has your phone been displaying unaccountable error messages?

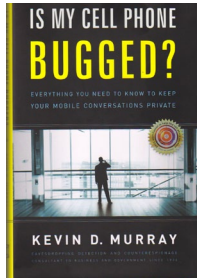
These are just a few of the 19 warning signs that your cell phone may be infected.

Murray's new book is packed with over 150 fact-filled pages describing how to choose the right cell phone, monitor its access by others, lists of spyware sources and anti-spyware techniques, legal issues, and the vulnerability of other wireless devices like cordless phones, baby monitors, and Bluetooth headsets.

Lists of resources are included as well, and if you order your copy directly from the author (www.IsMyCellPhoneBugged.com) for \$17.95 plus shipping, Murray will include at no additional charge his SpyWarn Mobile™ flasher module. This dandy little RF detector, set next to your cell phone or cordless phone, will brightly signal any activation of the phone with its six-LED ring chaser.

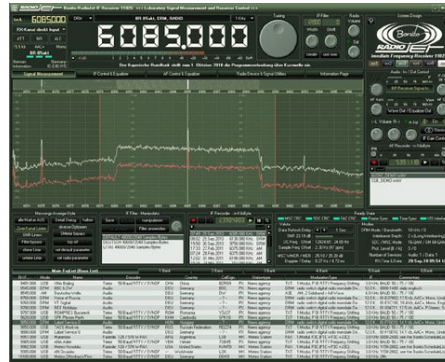
Is My Cell Phone Bugged? May be ordered from your favorite book seller: Amazon (<http://tinyurl.com/IsMyCellPhoneBugged>); Borders Books (<http://tinyurl.com/IsMyCellPhoneBugged-2>); or Barnes and Noble (<http://tinyurl.com/IsMyCellPhoneBugged-3>).

— Review by Bob Grove, W8JHD.



Bonito IF-Receiver RadioJet 1102S Debuts in Europe

Bonito has debuted a new receiver at the Hamradio Exhibition in Friedrichshafen, Germany earlier this year. The new Bonito shortwave receiver RadioJet 1102S combines innovative design with the advantages of modern computer technology. It has a frequency range of 40 kHz to 30 MHz.



According to Bonito, the 1102S has excellent sensitivity .03 mV at a noise level of -137 dBm with an extreme resolution of 144 dB at a bandwidth of 24 kHz. The noise floor is extremely low, because there are no active parts between the antenna and the analog-to-digital converter (ADC).

Strictly speaking, this radio is not a software defined radio (SDR), although it is exclusively controlled by computer. The Bonito RadioJet is a shortwave receiver with a built-in USB audio device and a 24-kHz multi-channel IM jack.

This new receiver sports a high level of electronic component integration density. To the average electronic enthusiast it may seem as if some elements are missing which have defined traditional receivers. For example, there is no AGC, instead there are three digital output channels with different signal levels. Each of these channels has -15dB ATT and can amplify or attenuate the input from -16 to +45 dB continuously.

The complete large signal is scaled in 144 dB and can be read at the same time on a scale of 48 dB via the high resolution DX-channel. This receiver can process an extremely weak signal without another signal being attenuated in its neighborhood. In this way, no strong transmitter can suppress a weaker one or can over-modulate the receiver to such a degree that the signal becomes unintelligible.

This is just a brief look at very interesting product that we hope to review in a future edition of *Monitoring Times*. You can get more details on the Bonito website at www.bonito.net/radiojet/infos/en_rj10_home.htm.

2011 Pirate Radio Annual

Andrew Yoder, pirate expert of the decades, admits his *Pirate Radio Annual* won't appear in Barnes and Noble, and despite his prediction of minimal success last year, Andrew has released a 2011 edition. Yoder credits magazine reviews and sales on eBay for capturing the interest of new listeners as well as pirate fans and operators.

This year's edition begins with Yoder's explanation of the basics about shortwave radio for newbies that also includes an explanation of the FCC's view on pirate broadcasting.

The chapter on "Tuning in Pirates" reminds the reader that one basic key to the pirate world is "listening," whether by radio or the Internet. Will you hear pirate stations on an aging boat-anchor or the latest communications receiver? This chapter also gives the reader an insight on receivers and antennas.

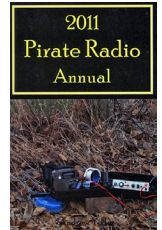
Keeping up to date on the pirate scene is another key component to the world of free radio. You'll find information about message boards, about the most popular ways to track pirate radio, and where to find email and web addresses. Additional updates include pirate web sites, how to QSL pirates, maildrops, QSL card reproductions and other tips. The chapter titled "What is Listening in the 21st Century?" is an informative look at how much receiving and transmitting have changed in the pirate hobby.

A chapter on "Classifying the Stations" is followed by "Tuning in Unlicensed Beacons" for pirate beacon fans. It may surprise the beginner to learn that pirate activity has been logged on the AM bands for years. Find out more about the new "pirate transmitting zone" in the "1710 Review" chapter. There is a chapter on stations that were active in 2010 that includes 118 pages of station descriptions.

In addition to this year's printed edition, an audio CD is included, which features 84 pirate stations taken from on-the-air recordings.

New listeners, the merely curious and seasoned pirate fans will find the *2011 Pirate Radio Annual* an asset to their radio reference library. This is an excellent guide to assist your chase of the bizarre and quirky side of radio.

The *2011 Pirate Radio Annual* is available for \$16.00 plus shipping (\$2.50 to US, \$4.00 to Canada and \$10.00 to the rest of the world, from Cabinet Communications, P.O. Box 109, Blue Ridge Summit, PA 17214 USA. — Review by Gayle Van Horn, W4GVH



Books and equipment for announcement or review should be sent to What's New, c/o Monitoring Times, 7540 Highway 64 West, Brassstown, NC 28902. Press releases may be faxed to 828-837-2216 or emailed to Larry Van Horn, larryvanhorn@monitoring-times.com.

When ordering or inquiring about the products mentioned in this column, be sure to tell them that you saw it in the pages of *Monitoring Times* magazine.