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FOR PRINT AND ONLINE RELEASE: October 21, 2025



Signal Hound Releases the PCR4200 4-Channel Phase Coherent Receiver Now in Stock and Available to Order

Battle Ground, WA – December 3, 2025 – Today [Signal Hound](https://www.signalhound.com) – manufacturer of accessible, versatile, precision test equipment – announced the release of its next innovative product, the PCR4200. This versatile, multi-channel receiver opens vast possibilities in signal capture and analysis. It operates from 45 MHz to 20 GHz and possesses the high-performance specifications Signal Hound is known for.

The PCR4200 enables full spectral awareness through a combination of high dynamic range and ultra-fast measurement speeds to enable users deep insight into the swept bandwidth. With four channels of powerful analysis capabilities, the PCR4200 is configured to perform exceptionally well in diverse signal environments. This dynamic receiver expands its functional capacities with the included PCR Series API, allowing the device to seamlessly integrate with multiple 3rd-party software applications.



PRESS RELEASE

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"This multi-channel receiver can be adapted to many uses. It can sweep incredibly fast with independently tuned channels, up to 200 GHz per second, to capture any signal of interest within the bandwidth," said Justin Crooks, senior hardware engineer at Signal Hound. "Each channel of the PCR4200 can also be configured as a phase coherent channel, making this product that much more versatile to the user. It really is an all-in-one solution for multi-channel, wide-band spectrum monitoring."

The addition of the PCR4200 to the Signal Hound portfolio aligns with an ongoing initiative to offer practical test and measurement tools that give RF professionals reliable and accurate options to complete their work and advance research. Like many other Signal Hound products, this multi-channel receiver was designed with input from customers and users with specific parameters in regard to specifications.

"We continue to provide the kinds of tools that users throughout the world have a need for. Access to quality, feature-rich instruments is a commitment Signal Hound has made when it comes to the types of products we are developing," said Harrison Osbourn, CEO. "Users of test and measurement equipment will find the PCR4200 fills numerous needs and performs to the level our customers expect. At just 16 lbs. and measuring 12" x 11.5" x 3", this dynamic new product offers a combination of precision and power in a portable form factor that is equally suited to the benchtop, lab or out in the field.

PCR4200 Applications:

- Simultaneous Multi-Band Spectrum Monitoring
- Multi-Channel Transmitter Testing
- Drone Detection
- SIGINT/COMINT/ELINT
- Emitter Detection and Geolocation
- MIMO channel testing

The PCR4200 4-channel, phase coherent receiver operates at a frequency range of 45 MHz to 20 GHz, streams 40 MHz bandwidth per channel over 10 GbE SFP+ and features internal GPS. With a standard operating temperature range of 32°F to 122°F (0°C to +50°C), the PCR4200 weighs 16.2 lbs. (7.34 kg) and measures 12" x 11.5" x 3" (304mm x 292mm x 76mm), it can be utilized in a diverse range of scenarios.

Visit **PRODUCT PAGE LINK HERE** to learn more and order the PCR4200.



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About Signal Hound

Signal Hound is a manufacturer of accessible, versatile, precision test equipment based in Battle Ground, WA. Starting out as Test Equipment Plus in 1996 and offering used test equipment and repair services, Signal Hound expanded its offerings in 2010 with the introduction of the USB-SA44 USB-powered spectrum analyzer. Signal Hound has since added several award-winning RF spectrum analyzers and signal generators, now sold globally. Visit www.signalhound.com for more information.