



Channel Power Monitor

- Channel Power Monitor
 - Inexpensive system monitor that installs in minutes and provides instant status of all the components of your RF delivery system on your PC's web browser or even your phone!
 - Get alerted when there is a problem but don't let the truck roll unless you know exactly what is required to get your station back up an running properly.



- Channel Power Monitor Display
 - Continuously monitor all components of your radio system
 - 16 channels with expansion to cover the largest systems
 - Built-in web server hosts webpage for setup and monitoring of all connected devices
 - Multiple Alarm functions – can even send an email
 - Data recording allows identification of degraded performance
 - List price of \$ 1,800
 - Available Now



- Channel Power Monitor Sensors
 - Non-directional power sensors for individual radio monitoring
 - Economical
 - Accuracy of 5% (NIST Traceable)
 - List price of \$ 195
 - Directional power sensors for reporting on combiner, feed line and antenna
 - Reports Forward, Reflected and VSWR
 - 500 W maximum
 - List price of \$ 550
 - Available Now!



Channel Power Monitor

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Monitor all aspects of your land mobile radio system with the Bird Channel Power Monitor. Continuously monitor radio performance, combiner loss and antenna/feedline characteristics to identify and alarm on critical changes. With the data logging function, long term performance monitoring can be used to identify performance changes before they negatively impact system performance – enabling your preventative maintenance team to address problems before they occur. Solutions are available for the entire range of Land Mobile Radio frequencies from 140 MHz to 960 MHz.

Features include:

- Data logging
- Slim 1RU package
- Built-in web Server provides SNMP messaging
- Push-to-talk (PTT) compatibility is standard
- Full control of alarm and data logging settings
- 16 channels with expansion modules to cover your largest radio systems
- Software and hard contact alarms



*Setup and monitoring is simple with the **BUILT-IN WEB SERVER**. Available anywhere there is an internet connection and a web browser, so it is as close as the computer on your desk or the phone in your pocket. Receive SNMP alerts or just check up on your system at your convenience. Also comes with an **ANDROID APP**.*



MODEL 3141
Channel Power Monitor display is a 1RU central processor that consolidates and communicates information from a variety of sensors. This display hosts its own webpage for setup and display of all measurement parameters and alarm functions.

*Directly measure the power output of each **RADIO** simultaneously. Alarm on failure and record measurements for later analysis.*

RADIO 1

RADIO 2

RADIO 15

MODEL 4044 POWER SENSOR
is an economical sensor capable of measuring the output power of either analog or digitally modulated radios, at power levels up to 100 watts. The Model 4044 is accurate to within +/-5% of reading with traceability to NIST. This sensor is a non-directional sensor that is ideal for use at the input to each channel of the transmit combiner where the VSWR is well controlled.



COMBINER

*Sensors on both the input and output side of the **COMBINER** enable combiner performance to be measured continuously.*



*Utilizing the forward and reflected power measurements of the 4045 sensor, determine the VSWR of your **ANTENNA** and cable feedline. Know immediately when your antenna is damaged and your transmission is compromised.*

MODEL 4045 DIRECTIONAL POWER SENSOR
provides both forward and reflected composite power measurements with +/-5% of full scale accuracy, at power levels of up to 500 watts and is also NIST traceable. This sensor is intended for use at the transmit combiner output, in order to provide both composite output from the combiner power, as well as antenna VSWR information.

