

**BIRD'S MOST SOPHISTICATED
THRULINE® SENSOR SYSTEM
IS THE HEART OF THE MODEL 5000**

- **Dual-Element THRULINE® Design for Simultaneous Forward and Reflected Power Readings.**
- **Measures True Average Power.**
- **±5% of Reading Accuracy Rivals Thermal Wattmeters in Actual Field Use.**
- **Small, Easily-Remoted Sensor Facilitates Convenient Hand-held Operation.**



The Model 5010 Dual-Socket THRULINE® Power Sensor is a precision 50-ohm 7/8-inch "Smart" Line Section which accepts Bird digital-ready Plug-in Elements. The Model 5010 Sensor provides true average power readings for digital as well as traditional analog RF systems.



The Model 5010 Power Sensor is compatible with many existing Bird accessories for 7/8" line, including field strength, signal samplers, and over 20 types of QC connectors. QC Connectors can rapidly and conveniently be changed in the field by removing four screws from the connector.



Use of an external sensor design makes the Model 5000 Digital Power Meter a perfect platform for sensor enhancements and cross-platform compatibility with other Bird product lines. Contact us concerning new developments.



DIGITALLY-MODULATED RF

- PCS and Other Digital Wireless Communication Services
- DAB, DTV, and HDTV Pre- and Post-Combiner Power Measurements
- Handles Peak-to-Average Power Ratios up to 10 dB

CW, AM, AND FM

- Cellular Communication
- Analog Wireless Applications
- Television Video and Audio Power
- Aeronautical, Military, Public Service, and Mobile Radio Systems

AVAILABLE ACCESSORIES

- Non-Directional Samplers and Directional Coupler Elements
- 4030 Field Strength Element
- Quick-Change Connectors
- Handset output verification
- Waveform capture

5010 SENSOR SYSTEM