



 Bird Technologies®

# Hand-Held Digital Power Meter

5000-XT

The hand-held digital power meter has been completely redesigned with the new Bird® 5000-XT. Ideally suited for field techs and engineers who need to make power measurements anywhere they go, the 5000-XT's new user interface has an intuitive, menu-driven design, making it the easiest to use on the market. It's operable even with one hand and compatible with all our field and legacy sensors.

- ▶ Rugged field meter tested to military standards
- ▶ Works with most Bird field sensors
- ▶ Up to 60 hours of continuous battery life
- ▶ Automatically detects sensor and displays appropriate screen
- ▶ Data logging with up to 7 days of onboard memory

## PROBLEMS ▶ SOLUTIONS

Poor lighting or bright light

- ▶ Indoor/outdoor viewable monochrome VGA display with backlight.

Lack of access to AC

- ▶ Up to 60 hours of continuous use battery life.

Physically demanding environments

- ▶ Single key allows one-hand toggling through operations.
- ▶ Locking mechanism prevents unintentional sensor disconnects.
- ▶ Compliant with MIL spec drop test.
- ▶ Light weight at only 1.4 lbs.

Varying field tech skill levels

- ▶ Multiple measures to identify failure mode.

Need for power measurement comparison

- ▶ Data logging capability with 1 GB of memory, storing and transfer of up to 7 days of data.

## APPLICATIONS

**Signals Measured:** WiMAX, (IEEE 802.16), GSM/EDGE, W-CDMA, LTE, WiFi (802.11), HSPA/HSDPA, TD-SCDMA, TETRA, P25, Zigbee (IEEE 802.15), Bluetooth, RFID, DVB, DMB and MediaFlo.

**Measurements performed:** VSWR, peak power, true average power, crest factor, CCDF and burst power.

**Sensors supported:** 14

**Display languages:** English, Spanish and Chinese

BEHIN MEDIA ELECTRONIC CO.

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# Hand-Held Digital Power Monitor

5000-XT

## SPECIFICATIONS

<b>Display</b>	Indoor/Outdoor Viewable Monochrome VGA Display with Backlight
<b>Functions (Sensor Limited)</b>	VSWR Peak Power True Average Power Crest Factor CCDF Burst Power Data Logging
<b>Sensor Detection</b>	Automatic
<b>Battery</b>	Rechargeable, Field Replaceable, Lithium Ion Batteries
<b>AC Adapter/Charger</b>	115/230 VAC, 50/60 Hz
<b>Battery Life</b>	20 Hours Continuous Usage with WPS Series Sensors 60 Hours Continuous Usage with All Other Sensors
<b>Calibration Interval</b>	No calibration required
<b>Languages</b>	English, Mandarin, Spanish
<b>Dimensions</b>	6.6"x4.0"x1.95" (168 mm x 102 mm x 50 mm)
<b>Interface</b>	
<b>Sensor</b>	DB9 USB 2.0 SeaLatch Type A
<b>PC</b>	USB 2.0 SeaLatch Type B
<b>Weight with battery</b>	1.4 lbs
<b>Operating Temp.</b>	0 to +50 °C
<b>Storage Temp.</b>	-20 to +50 °C
<b>Drop Tested</b>	EN 61010-1, MIL-STD-810F, MIL-PRF-28800F, Class 2
<b>International Certs.</b>	CE, RoHS

## ACCESSORIES

<b>5A5001-1</b>	Battery, Installed
<b>5A5002-1</b>	Power Supply, Includes Brick, cord, 3 Intl Adaptors
<b>5A2238-4</b>	Cigarette adaptor
<b>5A2653-6L2</b>	USB SeaLatch Cable, 6'
<b>5A2264-09-MF-10</b>	DB9 Cable, 10'
<b>920-5000-XT</b>	Operations Manual , Multilanguage
<b>5A5000-1</b>	Soft Case

## COMPATIBLE SENSORS

<b>5010</b>	Direction Power Sensor, Legacy
<b>5010B</b>	Direction Power Sensor, DB9
<b>5011</b>	Terminating Power Sensor, 4 GHz, DB9
<b>5011-EF</b>	Terminating Power Sensor, 12 GHz, DB9
<b>5012</b>	Wideband Power Sensor, Legacy
<b>5012A</b>	Wideband Power Sensor, Legacy
<b>5012B</b>	Wideband Power Sensor
<b>5014</b>	Direction Power Sensor, USB
<b>5015</b>	Terminating Power Sensor, 4GHz, USB
<b>5015-EF</b>	Terminating Power Sensor, 12GHz, USB
<b>5016</b>	Wideband Power Sensor, Legacy
<b>5016B</b>	Wideband Power Sensor
<b>5017</b>	Wideband Power Sensor, Legacy
<b>5017B</b>	Wideband Power Sensor
<b>5018</b>	Wideband Power Sensor, Legacy
<b>5018B</b>	Wideband Power Sensor
<b>5019</b>	Wideband Power Sensor, Legacy
<b>5019B</b>	Wideband Power Sensor
<b>7020-1-0101</b>	Wideband Power Sensor

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