

Bird® Model 5000-XT

Hand-Held Digital Power Meter

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.

PROBLEMS

Poor lighting or bright light

Lack of access to AC

Physically demanding environments

Varying field tech skill levels

Need for power measurement comparisons

SOLUTIONS

- Indoor/outdoor viewable monochrome VGA display with backlight

- Up to 60 hours of continuous use battery life

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

- Automatically detects sensor and displays appropriate power measurement screen

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



Applications

Signals measured: WiMAX (IEEE 802.16), GSM/EDGE, W-CDMA, 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: 11

Display languages: English, Spanish, or Mandarin Chinese

Bird® Model 5000-XT

Hand-Held Digital Power Meter



SPECIFICATIONS

Display	Indoor/Outdoor Viewable Monochrome VGA Display with Backlight
Functions (Sensor Limited)	VSWR Peak Power True Average Power Crest Factor CCDF Burst Power Data Logging
Sensor Detection	Automatic
Battery	Rechargeable, Field Replaceable, Lithium Ion Batteries
AC Adapter/Charger	115/230 VAC, 50/60 Hz
Battery Life	20 Hours Continuous Usage with WPS Series Sensors 60 Hours Continuous Usage with All Other Sensors
Calibration Interval	No calibration required
Languages	English, Mandarin, Spanish
Dimensions	6.5" x 4.0" x 1.7" (165 mm x 102 mm x 43 mm)
Interface	Sensor DB9 USB 2.0 SeaLatch Type A PC USB 2.0 SeaLatch Type B
Weight with battery	1.4 lbs
Operating Temp.	0 to +50 °C
Storage Temp.	-20 to +50 °C
Drop Tested	EN 61010-1, MIL-STD-810F, MIL-PRF-28800F, Class 2
International Certs	CE, RoHS

ACCESSORIES

5A5001-1	Battery, Installed
5A5002-1	Power Supply, Includes Brick, Cord, 3 Intl Adaptors
5A2238-4	Cigarette adaptor
5A2653-10L2	USB SeaLatch Cable, 10'
5A2264-09-MF-10	DB9 Cable, 10'
920-5000-XT	Operations Manual, Multilanguage
5A5000-1	Soft Case
5A5000-2	Lanyard
5A5000-3	Carabiner

COMPATIBLE SENSORS

5010	Direction Power Sensor, Legacy
5010B	Direction Power Sensor, DB9
5011	Terminating Power Sensor, 4GHz, DB9
5011-EF	Terminating Power Sensor, 12GHz, DB9
5012	Wideband Power Sensor, Legacy
5012A	Wideband Power Sensor
5014	Direction Power Sensor, USB
5015	Terminating Power Sensor, 4GHz, USB
5015-EF	Terminating Power Sensor, 12GHz, USB
5016	Wideband Power Sensor, Low Power Version
5017	Wideband Power Sensor, Low Frequency Version



You're heard, loud and clear.

30303 Aurora Rd. :: Solon, OH 44139 :: 866.695.4569 :: www.bird-technologies.com

Bird® Technologies Group combines the industry leading brands of both Bird Electronic and TX RX Systems and is a global, innovative supplier of RF products, systems, services and educational solutions. Bird® Technologies Group reserved the right to modify specifications or discontinue any product without notice.