



Hand-Held Cable & Antenna Analyzer

SiteHawk™ SK-200-TC, SK-4500TC, SK-6000-TC

The **SiteHawk™** Cable and Antenna analyzers are the fastest, most cost cost effective solution to quickly identify failing RF cables, connectors and antennas. The handheld testers offer measurements that include precision return loss voltage standing wave ratio (VSWR), cable loss and distance-to-fault (DTF) measurements.

SiteHawk™ analyzers help novice and expert users alike find problems before they become expensive, time-consuming, repairs.

Features

- FDR (Frequency Domain Reflectometry) measurement method results in a highly reliable assessment of the health of critical components in your system; ultimately providing a “heads-up” before a failure occurs
- Fault location or DTF mode indicates VSWR or Return Loss levels at each point along the cable & antenna system length
- Cable Loss function measures insertion loss of the cable system over a given frequency range
- USB communication port for connection to storage device
- Three Year Warranty
- Includes Bird RF Meter App



Locate RF cable, connector & antenna problems at the source.

Advantages of FDR:

- Frequency Domain Reflectometry (FDR) measurements are sensitive to RF problems and accurately identifies the return loss of the RF systems antenna.
- Using Return Loss, identify problems, such as moisture collection or damaged antennas at the top of the tower.
- Fault location or DTF mode indicates VSWR or Return Loss levels at each point along the cable and antenna system length.
- FDR technology is used to identify very small changes in RF impedance versus distance.

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Frequency Range	300 kHz - 200 MHz
SK-200-TC	1 MHz - 4500 MHz
SK-4500-TC	1 MHz - 6000 MHz
SK-6000-TC	
Frequency Accuracy	±2.5×10 ⁻⁶ @25 °C
Frequency Resolution	1 kHz
Output Power	-10dBm ±.5 dB
Reflect Amplitude Accuracy	
-15 dB to 0 dB	0.4 dB
-25 dB to -15 dB	1.5 dB
-35 dB to -25 dB	4.0 dB
Trace Noise Magnitude (IFBW 1kHz)	0.05 dB rms
Measurement Speed	1ms / data point
Measurement Points	51 to 3201
Measure Bandwidth	100 Hz to 30kHz
Temperature Stability	0.01 dB/°F 0.02 dB/°C
Return Loss Measurement Range	0 dB to -60 dB
Resolution	0.01 dB
VSWR Measurement Range	1.0 to 65.0
Cable Loss Measurement Range	0 dB to 30 dB
DTF Range	0 to 5000 (ft) 0 to 1500 (m)
Test Port Connector Impedance	N-type, Female 50 ohms
Connector	
SK-200-TC	Micro USB B, USB 2.0
SK-4500-TC, SK-6000-TC	USB Type-C, USB 3.0
Languages	English, Chinese, Spanish
Recommended Calibration Interval	3 years

Dimensions (LxWxH)	
SK-200-TC	7.2 x 3.8 x 1.9 (in) 182 x 95 x 46.5 (mm)
SK-4500-TC, SK-6000-TC	7.7 x 3.6 x 2.4 (in) 195 x 90 x 60 (mm)
Weight	1.98 (lbs) 0.9 (kg)
Screen Size & Resolution	5.5", 720p
Corrected Directivity	> 38 dB
Maximum Input Voltage	50V
Operation Temperature	14°F to 131°F -10°C to +55°C
Storage Temperature	-40°F to 176°F -40°C to +80°C
Battery Charging Temperature	32°F to 95°F 0°C to +35°C
Storage Compacity	Thousands of Trace and Setups
Immunity to Interfering Signals	+13dBm
CE EMC Safety	Standard EN 61326-1:2006 Standard EN 71010-1:2001
Battery SK-200-TC	Lithium-ion rechargeable 4 Hrs Typical Operating Time
SK-4500-TC, SK-6000-TC	10 Hrs Typical Operating Time
Battery Charge Time	5 Hrs Full Charge
Power Measurement	Yes
Compatible With	See Bird's RF Meter Page http://bit.ly/rfmeterapp2

STANDARD ACCESSORIES PROVIDED - SK-200-TC

SK-CAL-MN-C	Calibration Combo
SK-TP-112	Stylus
5B2229-510H-3	AC ADAPTER (5 Vdc Ouput)
7002A218-2	Hard Carrying Case
5A2653-3R5NL4	USB Interface Cable, Power, 1 meter long
SK-TC-MNFN-1M	RF Cable, 1.0 meter long
920-SK-4000	Instruction Manual
7002A219-1	Soft Carrying Case
5A2745-1	USB Drive
5A2653-0R5NL5	Micro USB male to USB female OTG, 15 cm long
BIRD-BTY-TMI3C	Battery

STANDARD ACCESSORIES PROVIDED - SK-4500-TC, SK-6000-TC

SK-CAL-MN-C6	Calibration Combo
SK-TP-112	Stylus
SK05T-1200300Z	AC Adapter (12 Vdc Ouput)
7002A218-2	Hard Carrying Case
SK-TC-MNFN-1M	RF Cable, 1.0 meter long
920-SK-4500	Instruction Manual (SK-4500-TC)
920-SK-6000	Instruction Manual (SK-6000-TC)
7002A219-1	Soft Carrying Case
5A2745-1	USB Drive
SK-CONN-OTG-2	USB Adapter
SK-BTY-7468	Battery

OPTIONAL ACCESSORIES

PA-MNFE	Adapter, N(m) to 7-16 DIN(f)
5A5002-6	International Adapter



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Bird is not responsible for omissions or errors. Specifications subject to change without notice.

Analyzer-SiteHawk-SK200TC-SK4500TC-SK6000TC-DS-06052019

