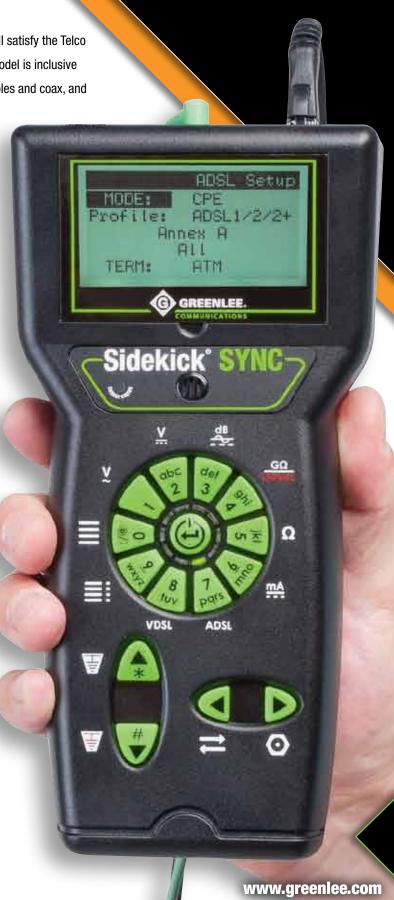# Sidekick® SYNC

Designed with the Technician in mind...

The Sidekick® Sync is designed to be a cost effective test meter that will satisfy the Telco Technicians' Outside Plant and Customer Premise testing needs. This model is inclusive of all Sidekick® T&ND features for testing Outside Plant twisted-pair cables and coax, and includes a ADSL2+/VDSL2 modem for gathering necessary data. Auto Test can perform multiple diagnostic tests and displays test results in an easy-to-read manner. Sidekick® Sync also includes the industry standard "Stress Test," reducing repeats and improving the customer's experience.

xDSL sync testing is as simple as pushing a button. Results are displayed in easy to navigate menus and may be saved for future review. Not only does the modem sync with the central office (CO), it can also emulate the central office equipment for testing the customer premise. This allows the user to test a dry cable pair, ensuring quality of service before the xDSL circuit is activated.

- *Simulates Central Office to Premise connection*
- *Isolates problems anywhere along the network*
- *Simple one-button testing for quick deployment*
- *Performs multiple diagnostic tests with only one instrument*
- *Auto Test makes testing customizable and consistent*
- *Easy-to-read digital display reduces meter interpretation errors*
- *Easily determines if the fault is inside or outside the premise*
- *Finds faults other test sets miss*
- *Simplifies troubleshooting*
- *Increase technician productivity*
- *Reduces repeat trouble calls*

Features

Analog Functions
- Stress Test
- DC Volts - Twisted Pair/COAX
- AC Volts - Twisted Pair/COAX
- Leakage - Twisted Pair/COAX
- Resistance - Twisted Pair/COAX
- Loop Current- Twisted Pair/COAX
- Load Coils
- Longitudinal Balance
- Circuit Loss/Noise
- Power influence (C message)
- Ground Resistance (3 wire)
- Open Meter - Twisted Pair/COAX
- DTMF Tone generation
- 977Hz Tone generation

xDSL Functions
- Universal Modem Compatibility
- ADSL 2+ (RT and CO emulate)
- VDSL2 (RT and CO emulate)
- Link establishing
- Resync counter
- Showtime (Sync)
- Maximum/actual bit rate
- Capacity
- Noise margin
- Attenuation
- Bits per tone graph
- SNR graph
- Sync, frame, power, margin alarms
- One button xDSL testing
- Optional HPNA Testing
- Upper Layer testing:
    - PPPoE, PPPoA status
    - Ping
    - HTTP
    - FTP
    - Traceroute

Ordering Information

CAT NO.	UPC NO.	DESCRIPTION	QTY.
1160-5000	00720	SIDEKICK SYNC (1160-5000)	1
1160-0100	00721	MANUAL, SIDEKICK SYNC ENGLISH	1
1160-0101	00722	SOFTCASE, SIDEKICK SYNC	1
1160-0102	00723	CORD, RJ11 TO RING TIP POPPER CLIP	1
1160-0103	00724	ADAPTER USB 2.0 A TO MICRO B FEMALE	1
1160-0104	00725	BATTERY, LI-ION, 3 CELL SMBUS	1
1160-0105	00726	ADAPTER VEHICLE 6FT 5.5 OD, 2.5MM	1
1160-0106	00728	PWR 100-250VAC 2.5MM 15V 1.2A	1
1160-0107	00729	ADAPTER, COAX FEMALE TO FEMALE	1
1160-0108	00733	ASSY, DOOR, SIDEKICK SYNC	1
1160-1000	00734	TOP ASSY, SIDEKICK SYNC	1

Buttons
- 10 buttons replace the traditional Sidekick® rotary switch
- LEDs around center button indicate the current function
- Center button doubles as the power/enter function
- Up/down and left/right buttons function as ring/tip/rev in analog functions and screen navigation in xDSL and Auto Test functions

User Interface - LCD
- Large three-digit numerical in analog functions
- 7 lines of text in xDSL, Auto Test, and Menu functions
- LED backlight with automatic brightness adjustment
- Transreflective direct sunlight readability
- Forward facing speaker
- Forward facing battery charge indication