

# Lil' Buttie PRO™ Telephone Test Set


**Key Features**

- Detects and displays caller ID and call waiting caller ID
- Scrolling list of stored numbers
- Alphanumeric LCD with icon flags
- Automatic disconnect in overcurrent condition
- Inhibits connection on low voltage circuits
- Hands-free operation even with hard hat on
- Eliminates popping and clicking when attaching to a line


**Applications**

- POTS installation and service
- Temporary communication handset
- Telephone and data line installation and service

The Lil' Buttie PRO™ Telephone Test Set is designed for use by datacom, telecom, and cable installers and technicians. The compact test set is small enough to wear on a belt or fit in a pocket and features a shape that is comfortable to hold. The LCD shows on-hook voltage, off-hook current, and polarity as well as caller ID, call waiting caller ID, number dialed, setup, stored numbers, battery condition, and other information.

Advanced features of the Lil' Buttie PRO include scrolling recall of stored numbers, full display of caller ID and call waiting data and faults, and amplified speaker with simultaneous intercom capability for talking while testing. The unit will not go off-hook if it detects low voltage and automatically displays and disconnects when high current is detected.

Lil' Buttie PRO also offers standard features such as tone and pulse operation, battery life display, last number redial, continuous polarity indication, PBX pause button, redial memory, and others. This telephone test set is the choice for technicians worldwide.



**Specifications**
**Electrical**

Battery current consumption (typical)	
Bell (timed out)	15 $\mu$ A
Talk	
– CWCID off	2 mA
– CWCID on	12 mA
– MON	25 mA
Battery life (alkaline, 450 mA-hr, included)	
Operating	18 hrs (min); 225 hrs (max)
Standby	3.4 yrs
Typical	30–50 hrs
Return loss	14 dB at 600 $\Omega$
Line current range	15 to 120 mA
Apparent line resistance	275 $\Omega$ at 20 mA
Monitor mode impedance	>130 k $\Omega$

**General**
**Pulse Dialing**

Pulse rate	10 pps $\pm$ 10%
Make/break ratio	60/40% $\pm$ 2%
Interdigit interval	820 ms
Resistance in break	120 k $\Omega$

**DTMF Output** (into 600  $\Omega$ )

Tone frequency error	$\pm$ 1.5%
Tone Level	
– High group	–6 dBm $\pm$ 2 dB
– Low group	–8 dBm $\pm$ 2 dB
High vs low difference	2 dBm $\pm$ 1 dB

**Memory Dialing**

Type	5 programmed and last number redial
Memory capacity	19 digits
Memory retention w/battery	>2 yrs
Flash duration	600 ms $\pm$ 50 ms
Pause duration	
– Tone	3.0 s
– Pulse	3.4 s
Ringer equivalent (Bell mode)	0.0 (no ringer load)

**Measurement**

Voltage	0 to 128 V DC $\pm$ 5%
Current	10 to 140 mA $\pm$ 5%

**Environmental**

Temperature	
– Operating	0 to 50°C;
– Storage	–20 to 60°C

**Physical**

Length (w/o lanyard)	18.4 cm (7.25 in)
Width	6.4 cm (2.50 in)
Height	4.3 cm (1.68 in)
Weight (with cord set)	<284 gm (10 oz)

**Ordering Information**

<b>Lil' Buttie PRO Telephone Test Set</b>	<b>LB220</b>
– Includes 1.22 m (4 ft) RJ11 to angled bed-of-nails cord set (LB35), headset with boom microphone (LB40B), and 9-volt battery.	
<b>Lil' Buttie PRO Telephone Test Set with protective boot</b>	<b>LB220-BT</b>
– Includes protective boot (LB81), 1.22 m (4 ft) RJ11 to angled bed-of-nails cord set (LB35), headset with boom microphone (LB40B), and 9-volt battery.	
<b>Lil' Buttie PRO Telephone Test Set with hook-type belt clip</b>	<b>LB230</b>
– Includes hook-type belt clip (LB70B), 1.22 m (4 ft) RJ11 to angled bed-of-nails cord set (LB35), headset with boom microphone (LB40B), and 9-volt battery.	
<b>Lil' Buttie PRO Telephone Test Set for use outside North America</b>	<b>LB220UK/AUS</b>
– 100 ms hook flash, 37/63 make/break ratio	
– Includes 1.22 m (4 ft) RJ11 to angled bed-of-nails cord set (LB35), and 9-volt battery.	

**Accessories**

RJ11 to piercing pin clips, 1.22 m (4 ft) with strain relief	LB20B
RJ11 to angled bed-of-nails cord set, 1.22 m (4 ft) with strain relief	LB35
RJ11 to alligator clips, 1.22 m (4 ft) with strain relief	LB10B
Headset with boom microphone, mini over-the-ear	LB40B
Headset with cushioned earpiece, full over-the-head	LB45B
Modular adapter, 4-position	LB64
Modular adapter, 6-position	LB66
Modular adapter, 8-position	LB68
Belt clip, rugged hook type on battery door	LB70B
Protective rubber boot	LB81
Nylon pouch	LB80

**Warranty**

JDSU guarantees that its products will be free of all defects in material and workmanship. This warranty extends for the period of 12 months for test instruments and 3 months for cables from date of manufacture or purchase (proof of purchase required).

All products deemed defective under this warranty will be repaired or replaced at the discretion of JDSU. No further warranties, either implied or expressed, will apply, nor will JDSU assume responsibility for operation of this device.

**Test & Measurement Regional Sales**

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