



Enabling Australia's Field Technicians to build, troubleshoot and maintain better communications networks.



This reference material is provided by TMG Test Equipment, VIAVI's **only** Master Distributor for Contractors in Australia



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Short to Medium Project-Based Rental Solutions



Dedicated Technical & After-Sales Support



In-house Diagnostics, Repair & NATA Calibration Laboratory



FREECALL 1800 680 680



Home and Business Telephone Test Sets

LB100, LB110, LB115

Overview

Lightweight and hands-free, the telephone test sets for home and business networks are packed with functionality to make your testing straightforward, efficient, and thorough.

Features

- Tone & pulse dialing
- Microphone mute
- Last number redial—32 digits
- Continuous line polarity indication (TALK or MONITOR)
- Electronic ringer
- Amplified line monitor for volume levels comparable to “off hook” operation
- Modular cordset attachment
- Low battery indicator
- Headset jack
- Battery-powered monitor mode with auto power-off on dead lines or when disconnected

Technical Specifications

Electrical

- *Return Loss @ 600 ohms* >14dB
- *Line Current Range* 15 to 120 mA
- *Apparent Line Resistance* 275 ohms at 20mA

Rotary Dial Output

- *Pulse Rate* 10 pps \pm 10%
- *Make/Break Ratio* 60/40% \pm 2%
- *Interdigit Interval* 820 mSec
- *Leakage During Break* >120 Kohms

DTMF Output (into 600 ohms)

- *Tone Frequency Error* \pm 1.5%
- *Tone Level*
 - *High Group* –6dBm \pm 2dB
 - *Low Group* –8dBm \pm 2dB
- *High vs Low Tone Difference* 2dB \pm 1dB

Memory Dialing

- *Type* Last Number Redial
- *Mode* Tone and Pulse
- *Retention*
 - *with battery* >2 yrs
 - *without battery* 8 min. nom
- *Capacity* 32 digits



Ringer

Electronic dual tone

Environmental

- *Operating Temperature* 14°F to 140°F (–10°C to 60°C)
- *Storage Temperature* –40°F to 150.8°F (–40°C to 66°C)

Physical

- *Length without lanyard* 7.25 in (18.4 cm)
- *Width* 2.50 in (6.4 cm)
- *Height* 1.68 in (4.3 cm)
- *Weight with cord set* 8 oz (227 g)

LB100 Includes:

Lil' Buttie™ • Piercing clip set LB25
• Mini headset LB40 • Metal belt clip
Order Number: LB100
VIAS Number: LB100

LB110 Includes:

Lil' Buttie™ • Bed of nails cord set LB35
• Mini headset LB40 • Metal belt clip
Order Number: LB110
VIAS Number: LB110

LB115 Includes:

Lil' Buttie™ • Bed of nails cord set LB35
• Mini headset LB40 • AT&T hook/clip assembly, yellow LB70
Order Number: LB115
VIAS Number: LB115



LB220, LB230, LB220-BT

Overview

The 200 series of our telephone test sets offers the additional functionality of LCD readouts and voltmeters, while still maintaining its lightweight and hands-free features.

Features

- Five-number memory
- Technical support number programmed into memory dial
- Tone and pulse dialing
- Microphone mute
- Last number redial—19 digits
- Electronic ringer
- Amplified line monitor for volume levels comparable to “off hook” operation
- Modular cord set attachment
- Headset for hands-free use
- Auto power off
- LCD display shows—
 - On-hook voltage
 - Number dialed
 - Off-hook current
 - Set-up information
 - Stored numbers
 - Battery condition
 - Continuous polarity indication
 - Caller ID
 - Call waiting/caller ID
 - Caller ID errors

Technical Specifications

Electrical

- *Battery current consumption (typical)*
 - BELL (timed out) 15 μ A
 - TALK, CWCID off 2mA
 - CWCID on 12mA
 - MON 25mA
- *Battery life* 30–50 hrs typical
- *Return Loss* 14db @ 600 ohms
- *Line Current Range* 15 to 120 mA
- *Apparent Line Resistance* 275 ohms at 20mA
- *Monitor Mode Impedance* >130 Kohms

Pulse Dialing

- *Pulse Rate* 10 pps \pm 10%
- *Make/Break Ratio* 60/40% \pm 2%
- *Interdigit Interval* 820 mSec
- *Resistance in break* 120 Kohms

DTMF Output (into 600 ohms)

- *Tone Frequency Error* \pm 1.5%
- *Tone Level, High Group* –6dBm \pm 2dB
- *Low Group* –8dBm \pm 2dB
- *High vs Low Tone Difference* 2dB \pm 1dB

Memory Dialing

- *Type*, 5 programmed and Last Number Redial
- *Memory Capacity* 19 digits
- *Memory Retention with battery* >2 years
- *Flash Duration* 600 mSec \pm 50mSec
- *Pause Duration, Tone* 3.0 sec
- *Pulse* 3.4 sec



Measurement

- *Voltage* 0 to 128 VDC \pm 5%
- *Current* 10 to 140 mA \pm 5%

Environmental

- *Operating Temperature* 32°F to 122°F (0°C to 50°C)
- *Storage Temperature* –4°F to 140°F (–20°C to 60°C)

Physical

- *Length without lanyard* 7.25 in (18.4 cm)
- *Width* 2.50 in (6.4 cm)
- *Height* 1.68 in (4.3 cm)
- *Weight with cord set* <10 oz (284 g)

LB220 Includes:

Lil' Buttie Pro™ • Bed of nails cord set LB35 • Mini headset LB40 • Two-piece belt clip LB60
Order Number: LB220
VIAS Number: LB220

LB230 Includes:

Lil' Buttie Pro™ • Bed of nails cord set LB35 • Mini headset LB40 • AT&T hook/clip assembly, yellow LB70
Order Number: LB230
VIAS Number: LB230

LB220-BT Includes:

Lil' Buttie Pro™ • Bed of nails cord set LB35 • Mini headset LB40 • Two-piece belt clip LB60 • Protective boot LB81
Order Number: LB220-BT
VIAS Number: LB220-BT