

# TestPhone 295B

## Features

- Digital Line Compatible (Integral ADSL Filter)
- Tone/Pulse Dial Selection with Indication
- Ultra Hi-Z on/off-hook Line Polarity Indication
- Hi-Z Monitoring
- Ultra Low Line Current with Over Current Protection
- Three Ringer Melody's ( 3 x 3- Tone)
- Five Level Volume Control
- Microphone Mute
- 12 x 21 Digit Memories
- Quick Change Battery
- Quick Change Cords or RJ11 Lead
- High Impact Resistance
- Fully Sealed to IP67
- CE & Rohs Approved
- Rugged Belt Clip
- Two Year Warranty



## Description

The Testphone 295B, which is a State of the Art Testphone with a 12 Number Memory Store, and an Integral ADSL Filter which ensures that the Phone will not cause interference when connected to ADSL/Broadband Lines. (Not Loudspeaker). This Testphone 295B has an advantage over other Testphone's which detect an ADSL/Broadband line and Lock the phones out, whilst our 295B can be connected to an ADSL/Broadband Line and it will not cause any interference or corrupt the data on the line.

## Specifications

### DC Electrical Characteristics

PSTN idle current (on-hook)	< 40uA @ 50Vline
PSTN operational current (off-hook)	13 – 60mA nominal (60mA limited)
	5 – 13mA reduced performance
	0 – 5mA power-down
PSTN line protection	200V SAD + Dual 130mA PTC
Battery voltage	3V nominal (CR2032 type)
Battery supply current	5uA typical [no line connected]

### AC Electrical Characteristics

PSTN transmit gain	36.6dB typical
PSTN transmit soft clip level	2V typical
PSTN transmit soft clip attach	30uS/6dB
PSTN transmit soft clip decay	20mS/6dB
PSTN transmit mute attenuation	60dB
PSTN receive gain	3dB typical
PSTN receive volume range	-5.4/+8.1dB in 5 steps
PSTN receive soft clip level	1V typical
PSTN receive soft clip attach	30uS/6dB
PSTN receive soft clip decay	20mS/6dB

### Default parameters

Earth Recall duration	ER button press time
Auto on-hook timer	30 minutes
Button de-bounce time	20mS
Pulse [LD] Make period	33mS
Pulse [LD] Break period	66mS
Pulse [LD] dial rate	10pps
Inter-digit pause (Pulse [LD])	790mS
Tone [DTMF] tone duration	82mS
Tone [DTMF] tone pause	82mS
TBR duration	101mS
Pause duration	2 S
Pre-digit pause (Pulse [LD])	35mS
Post TBR pause	274mS
Line Loss Compensation (LLC)	Off default, 20-50mA
DTMF level (low group)	-4dBm
Tone [DTMF] comfort tone	-30dB

### Operating Environment

temperature -25°C - +70°C;  
humidity up to 80% non-condensing

### Dimensions (cm)

24.5 x 8.0 x 6.5

### Weight (g)

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