

# Telephone Product Tester

## Model 201 Telephone Line Checker



201

The 201 detects digital/analog phone lines before a modem is connected, thereby protecting an analog modem from damage caused by a digital line. Just insert the phone line into the 201 or plug the 201 with attached adapter cable to the wall jack, then you may easily identify if the line is safe by checking polarity and line current. The 201 has a line noise filter to block radio frequency interference (RFI) that can corrupt data received over modems and interrupt internet and e-mail connections. With the 201, the modem on your notebook computer will be completely protected and can reduce the headache of Internet, E-mail, and fax interruptions caused by RFI.

- Quickly checks if the phone line is digital or analog, protecting your modem from damages
- Detects over currents
- Identify safe line, polarity, or open line
- Line noise filter protection from RFI
- Easy operation
- Compact design for portability



1045B

## Model 1045B Telephone Product Tester

- Provides basic operation tests for corded and cordless telephones, answering machines, fax machines and automatic dialers
- Checks line and handset cord for continuity, shorts and intermittents
- Verifies number dialed or redialed (pulse or Touch Tone®)
- Verifies that voice and DTMF levels are above minimum required level
- Provides low and normal ring tests
- Tests two-line phones
- Tests automatic polarity circuit in telephone, assuring that telephone will work if polarity of telephone is reversed

U.S. Patent Number 4,577,072

### Specifications

model

201

|                      |   |
|----------------------|---|
| Analog line voltage  |   |
| On line voltage      | 6-8V  |
| Off line voltage     | 50V   |
| Digital line voltage |   |
| On line voltage      | 50V   |
| Off line voltage     | 50V   |
| Input connector      | RJ11 6p4c Jack                              |
| Output connector     | RJ11 6p4c Jack                              |
| LED display          | Normal, polarity reversed, and Over current |
| Switch               | Reversed switch and Test                    |
| Dimensions (HxWxD)   | 70 x 30 x 27 mm (2.76 x 1.18 x 1.06")       |
| Weight               | 1.06oz. (30g)                               |

**One Year Warranty**

### Specifications

model

1045B

|   |  |
|---|--|
| Telephone Line Simulation                     | Single or two telephone operation  |
| DC Line Voltage                               | 52V ± 15%, 1.5kΩ source impedance  |
| Current                                       | 28 mA nominal (off hook)   |
| Auxiliary Line Voltage                        | 5 to 7 VAC, 60 Hz to operate light in telephone  |
| Polarity Test Switch                          | Reverses telephone line polarity with momentary switch   |
| Single/Aux (Two-Line) Switch                  | Permits testing two-line telephones  |
| Voice/Dial Level Indicator                    | Illuminates for levels greater than 0.1V   |
| Ring Source                                   | Frequency: 20Hz, Accuracy: ± 1%<br>Voltage (2 select level):<br>Low - 45Vrms ± 5%, Normal - 100Vrms ± 5% |
| Cord Tests                                    | Tests both telephone line and handset 2-wire and 4-wire modular cords for shorts or continuity           |
| Reset   | Sets display to "0" and removes dial tone when activated<br>Shuts off ring signal when activated         |
| Operating Temperature                         | 32° to 113°F (0° to 45°C)  |
| Power   | 100/120/220/240 VAC ± 10%, 50/60 Hz, 25W   |
| Dimensions (HxWxD)                            | 3.7 x 9.6 x 11.0" (95 x 245 x 280 mm)<br>including handle at rest position                               |
| Weight  | 4.4 lbs. (2 kg)  |
| Touch Tone® is a registered trademark of AT&T |  |

**One Year Warranty**