

TelCheck Instruction Manual

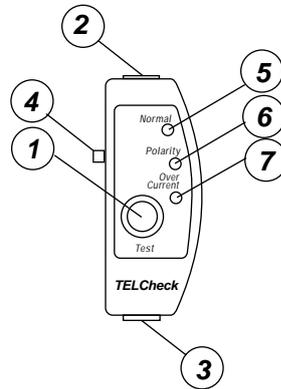
Introduction

It's very convenient to use a notebook with a fax or modem to communicate with your office or customers. Normally, a modem is designed to connect to an analog telephone line. Most new telephone systems being installed in hotels and businesses are digital system. The digital phone line jack is identical to an analog jack, but the digital phone line has excessive current (90mA), that can destroy modem circuits.

The TelCheck is a small device containing a telecommunications circuit that detects dangerous telephone line conditions before a modem is connected thereby protecting the modem from damage. The use of the TelCheck and adapter cable will easily identify over current, reversed, polarity and open lines.

Product Profile

1. TEST KEY
2. INPUT LINE JACK
3. OUTPUT LINE JACK
4. REVERSED SWITCH
5. NORMAL INDICATOR
6. POLARITY INDICATOR
7. OVER CURRENT INDICATOR



Operation

Test at the telephone if the wall plate is inaccessible

1. Unplug the phone cord from the input jack at the telephone.
2. Plug the phone cord into the input jack of the TelCheck.
3. Press the TEST button
4. The LEDs will display the test results as shown on the next page
5. Release the TEST button after reading test results.

Test form the wall plate

1. Unplug the phone cord from the jack at the wall plate
2. Plug the supplied short RJ11 adapter cable into the TelCheck input jack and into the wall plate jack
3. Press the TEST button
4. The LEDs will display the test results as shown on the next page
5. Release the TEST button after reading test results

Reversed polarity

When the polarity of the line is reversed, slide the reversed switch to it's opposite position
The LED indicating reversed polarity should extinguish. Afterwards the modem can be connected to the output jack of the TelCheck. Now the modem may be used in normal operation in conjunction with the TelCheck.

Specification

- **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 Switch
- **Size**
70x30x27 mm
- **Weight**
30gm

LEDs Display Explanation

LEDs Display	status	Explanation
Normal <input checked="" type="radio"/>	Normal condition	The line is OK to be connected.
Polarity <input type="radio"/>		
Over Current <input type="radio"/>		
Normal <input checked="" type="radio"/>	The current is OK but modem CAN NOT open because the	Wiring in the modular jack or in the Tip/Ring leads are reversed
Polarity <input type="radio"/>	line polarity is reversed	
Over Current <input type="radio"/>		
Normal <input type="radio"/>	Modem could be damaged if connected as current is	Before connecting, check modem specification for compatibility and verify the line type is analog or digital
Polarity <input type="radio"/>	over 90mA	
Over Current <input checked="" type="radio"/>		
Normal <input type="radio"/>	Modem could be damaged If connected. Line current	Not recommended for use
Polarity <input type="radio"/>	is over 90mA and polarity is Reversed.	May be a digital line or an unusually configured analog line
Over Current <input checked="" type="radio"/>		
Normal <input type="radio"/>	No light glow means no current flow. Do not connect	Line is open, or not connected to modular jack
Polarity <input type="radio"/>	a Modem	
Over Current <input type="radio"/>		