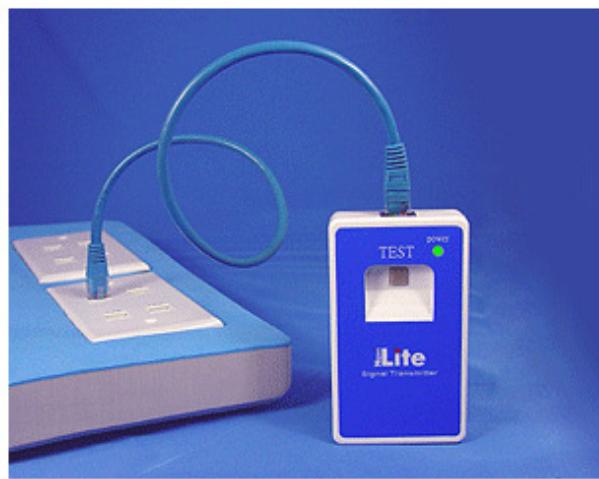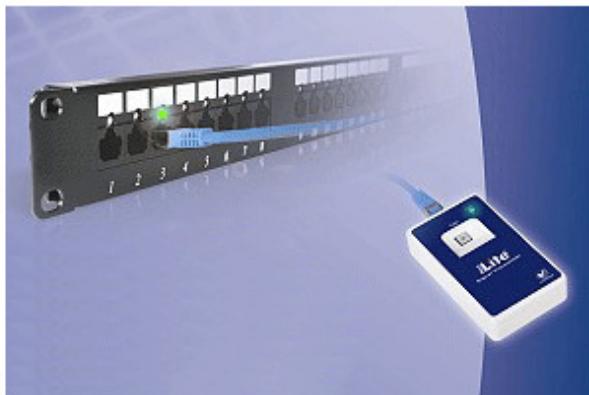# Product Description

This Light Identification Patch Panel, in which LED's are embedded above each port, allows you to identify ports and troubleshoot your network.

This particular technology includes a Patch Panel with dual color LED above each port, and by injecting a signal with a handheld transmitter at the wall plate end, port paths are immediately identified, and cabling faults exposed.

Guesswork caused by hard-to hear tones is a thing of the past. Tracing ports, finding faults, especially with two people, makes port identification lightning fast.

To troubleshoot a port:

1 - Go to the wall plate

2 - Plug in the signal transmitter with a patch cable

3 - Select either continuous or blink mode

4 - Go back to the Patch Panel and find your port which will now be illuminated

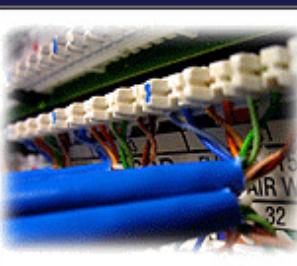With two people, identifying ports becomes a snap. The LED conditions are:

LED	Condition
🟢	Placing the transmitter in the Wallplate port, creates a GREEN light on the Panel, and indicates the cabling path from Wallplate to Panel is OK. If the lit Panel port is connected successfully to a network device, the light will become RED. If the Panel port is connected to a known good network device, and the light is GREEN, an open connection exists upstream from the Panel.
🔴	Placing the transmitter in the Wallplate port, creates a RED light on the Panel if the path is from Wallplate - Panel - Network Device. If the light is GREEN, and a known good network device is upstream from the Panel port, an open connection exists upstream from the Panel.
⚪	Placing the transmitter in the Wallplate port, and a DARK light on the Patch Panel port, indicates the path from Wallplate to Patch Panel port is open.

Wiring Configurations

T568B (ATT)				T568A (EIA)		
Color Code	IDC Terminal	RJ45 Jack		Color Code	IDC Terminal	RJ45 Jack
White/Blue	Pin 5	Pin 5		White/Blue	Pin 5	Pin 5
Blue	Pin 4	Pin 4		Blue	Pin 4	Pin 4
White/Orange	Pin 1	Pin 1		White/Green	Pin 1	Pin 1
Orange	Pin 2	Pin 2		Green	Pin 2	Pin 2
White/Green	Pin 3	Pin 3		White/Orange	Pin 3	Pin 3
Green	Pin 6	Pin 6		Orange	Pin 6	Pin 6
White/Brown	Pin 7	Pin 7		White/Brown	Pin 7	Pin 7
Brown	Pin 8	Pin 8		Brown	Pin 8	Pin 8