

Our LAN tester with combined POE function was developed with the advent of the huge increase of Power-over-Ethernet and the need for Engineers to ascertain the presence of live Ethernet Cabling in buildings at the Port or Wall Socket. Most LED based checkers on the market only have two lights . This new model has advanced 4 X LED indication so that the **exact** status can be confirmed with no ambiguity.

- Dual function tester with built in advanced POE checker
- Test Pin Out status on structured wiring systems
- Determine presence of live Ethernet cabling

Advanced POE function

- Detects Midspan or Endspan
- Detects Pin outs - 1235 or 4578
- Detects over Data or over Spare
- Detects standard being used , 802.3af or 803.3at and therefore inferred power rating

4 X LED matrix evaluation

Led 1(green)	Led 2(blue)	Led 3(green)	Led 4(blue)	Result
√	X	X	X	Endspan (1236) 802.3af (over Data)
√	√	X	X	Endspan (1236) 802.3at (over Data)
X	X	√	X	Midspan (4578) 802.3af (over Spare)
X	X	√	√	Midspan (4578) 802.3at (over Spare)
√	X	√	X	802.3af (4 pairs)
√	√	√	√	802.3at (4 pairs)

Test result 1:

When the Led1 turns green as below, it means Endspan (12/36) is providing power, and it is 802.3af standard, the output power is 15.4W. (PD Max 12.95W)

Test result 2:

When the led1 turns green and Led2 turns blue as below, it means Endspan (12/36) is providing power, and it is 802.3at standard, the output power is 30W. PD Max 25.5W)

Test result 3:

When the Led3 turns green as below, it means Midspan(45/78) is providing power. And it is 802.3af standard, the output power is 15.4W.(PD Max 12.95W)

Test result 4:

When the led3 turns green and Led4 turns blue as below, it means Midspan (45/78) is providing power, and it is 802.3at standard, the output power is 30W. PD Max 25.5W)

Test result 5:

When the led1 & led3 both turn green, it means Midspan & Endspan (4 pairs) are both providing power, and it is 802.3af standard, the output power is 30W.

Test result 6:

When the 4 leds are on, it means Midspan & Endspan (4 pairs) are both providing power, and it is 802.3at standard, the output power is 60W.

Structured Wiring Cable Tester function

For confirmation of wiring connection status on RJ45 based networks. Includes master and remote i. Sometimes known as a LAN tester in the trade. Will locate short circuit , open circuit and wrong connection using the attached remote. Has two speeds for testing.

Confirms connection and pin out status on RJ45 based systems like CAT5e , CAT6 and CAT6A ,
RJ45 to RJ45
RJ45 to RJ11
RJ11 to RJ11

@ Covering both UTP and FTP

Please Note ; 9Volt PP3 Battery not included. We advise Alkaline MN1604

Specification

Environmental Conditions Operating Ambient Temperature: 32° to 104°F (0° to 40°C)
 Operating Humidity: Maximum 90%,non-condensing
 Storage Humidity: Maximum 95%,Non-condensing
 Operating Altitude: -1000 to 10,000 ft.(-304.8 to 3048 m)

Certification

REACH

CE complies EMC and RoSH2