

LT-19P Six-Circuit Multi-Cable Tester User Manual

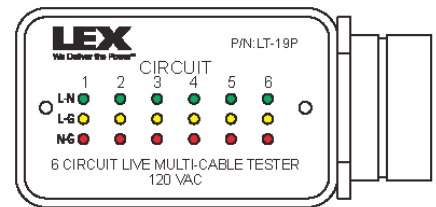
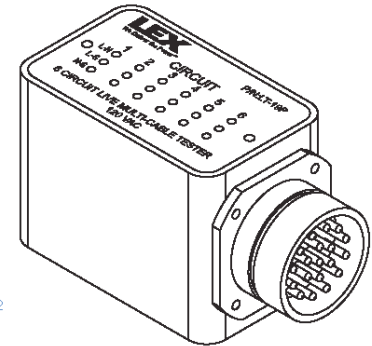


CAUTION: The Lex Products LT-19P 6-Circuit Multi-Cable Tester is a diagnostic tool designed for the Entertainment market. It is intended for troubleshooting purposes and must be used by qualified personnel. The use of a multi-meter is recommended for voltage sensitive testing. The Tester will not verify mechanical wire bonding methods.

Quick Safety Test:

- Step 1: Plug the Tester in the multi-cable or break-in (fan-in) being diagnosed
- Step 2: Apply power to all six circuits. If dimmed, bring the circuits to full intensity
- Step 3: LEDs should illuminate, indicating the presence of power

- Green 'L-N' LEDs illuminated - voltage between line and neutral
 - This indicates a correct state
- Yellow 'L-G' LEDs illuminated - voltage between line and ground
 - This indicates a correct state
- Red 'N-G' LEDs illuminated - voltage between neutral and ground
 - This indicates a fault state, where there is voltage between the neutral and ground pins



- Step 4: If the LEDs do not illuminate as indicated or faults are detected, the Individual Circuit Test can be useful in determining the nature of the fault

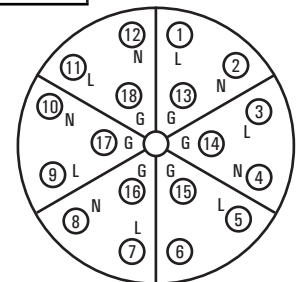
Individual Circuit Test:

- Step 1: Plug the tester into the cable being diagnosed
- Step 2: Power up circuit 1. If dimmed, bring it to full
- Step 3: Compare the illuminated LEDs in column #1 against the chart at right
- Step 4: Deactivate circuit #1 and power up circuit #2
- Step 5: Repeat Step 3 as above, viewing column #2 indicators
- Step 6: Repeat Step 4 for each of the remaining circuits

N-G	L-G	L-N	
○	●	○	OPEN GROUND
○	○	●	OPEN NEUTRAL
○	○	○	OPEN HOT
●	○	○	HOT/GROUND REVERSE
●	●	○	HOT/NEUTRAL REVERSE
○	●	●	CORRECT
RED	YELLOW	GREEN	

PLEASE NOTE:

- If the red 'N-G' LED is illuminated, this may cause a neutral error on the equipment being energized. Possible causes for faults may be mis-wired connector(s) or shorted cable conductors
- It is possible for the 'N-G' and another LED indicator to be illuminated, which would help to determine the fault location



Lex Products Corporation
11 Forest Parkway
Shelton CT 06484
203.363.3738
203.363.3742 Fax

Lex West
12701 Van Nuys Bld.
Suite 0
Pacoima, CA 91331
818.768.4474
818.768.4040 Fax

Lex South
15751 SW 41st Street
Davie, FL 33331
954.888.1024
954.888.1026 Fax

www.lexproducts.com
info@lexproducts.com
800.643.4460

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