We Deliver the Power™

LEX LSC 6 Circuit Multi-Cable Tester Operating Instructions

CAUTION: The Lex LSC 6 Circuit Live Multi-Cable Tester is a testing tool designed for the entertainment industry only and must be used by qualified personnel. It is a diagnostic tool to be used for troubleshooting purposes only. The use of a multi-meter is recommended for voltage-sensitive testing. The Lex 6 Circuit Live Multi-Cable Tester will not verify mechanical wire bonding methods.

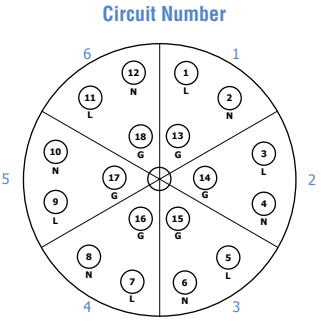
Quick Safety Test

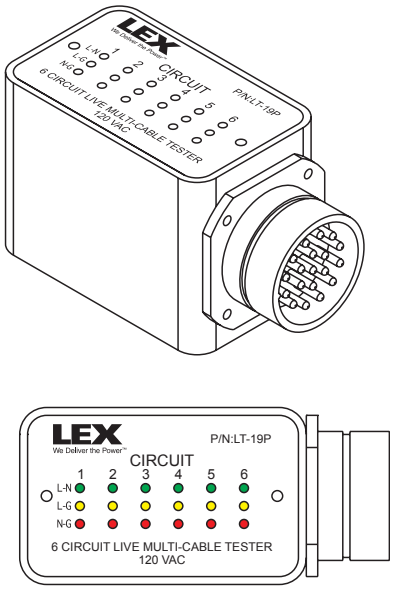
Step 1: Plug the tester into the cable being diagnosed.

Step 2: Power up all 6 circuits. If dimmed, bring them to full.

Step 3: LEDs should illuminate, indicating the presence of power. Ideally, the Green LEDs for L - N and L - G will be illuminated on all six circuits, indicating the presence of voltage between the line and neutral pins and line voltage between live and ground. Verify that the N - G indicator is NOT illuminated. If N-G IS illuminated this indicates a fault, specifically the presence of line voltage between neutral and ground pins.

-If faults are detected, the Individual Circuit Test can be useful in determining the nature of the fault.





NOTE: If N - G is illuminated, this may cause a neutral error on equipment being energized. Possible causes for faults may be miswired connector(s) or shorted cable conductors.

It is possible for N - G and another indicator to be illuminated, which would help to determine the fault location.

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: Verify that the green LEDs for circuit 1 L-N are illuminated. This indicates the presence of line voltage between live & neutral on circuit #1 and line voltage between live & ground on circuit #1. Also verify that the N - G indicator is NOT illuminated. This would indicate the presence of line potential voltage between neutral & ground on circuit #1.

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.

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