6550 & 6555 Megohmmeter – Lead Compensation Feature

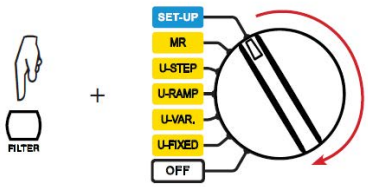
The Red Lead in our set of 3 leads (Cat. #2151.36, shown at right) currently supplied with the Models 6550 and 6555 includes 1 resistor of 22kΩ on each end to limit the peak short circuit current.

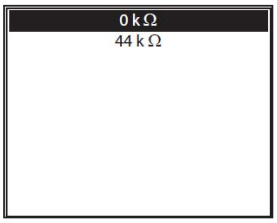
To identify the lead type, the Red Lead is marked with a black section near one end of the lead that indicates the test lead resistance equals 44kΩ. Older leads were marked with K22 at each end to indicate the 44kΩ test lead resistance.

NOTE: When troubleshooting issues and checking lead continuity, these leads will not pass a straight continuity test. They will measure 44kΩ.

All 6550 and 6555 Models with firmware version 2.1 or later allow you to select 0kΩ or 44kΩ lead compensation before using the meter. Users with 44kΩ marked leads should enable 44kΩ lead compensation on their 6550/6555. By default, all new products are shipped with 44kΩ leads and 44kΩ lead compensation selected.

To enter the lead compensation selection menu, press the “Filter” button and hold it down while turning the switch from the OFF position to the SET-UP position.





Use the ▲ and ▼ arrow keys to select 44kΩ or 0kΩ. Use the ► arrow key to select the highlighted entry. After a few seconds, the meter will reboot and the value is permanently saved until changed again.

If you are using older leads with no 44kΩ or K22 markings, like our Hippo Clips, the compensation selection should be set to 0kΩ.

Cat. #2151.36

Please visit our YouTube channel for a video showing the above configuration process. Thank you.

Chauvin Arnoux®, Inc. d.b.a. AEMC® Instruments
15 Faraday Drive • Dover, NH 03820 USA • Phone: (603) 749-6434 • Fax: (603) 742-2346
www.aemc.com
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