

MODELS 6550 & 6555 MEGOHMMETER - Lead Compensation Feature

The Red lead in our set of 3 leads (Cat. # 2151.14, shown at right) currently supplied with the Models 6550 and 6555, includes 1 resistor of 22 k Ω on each end to limit the peak short circuit current.



The Red lead is marked with K22 at each end to identify the lead type (shown at right). This creates a 44 k Ω lead resistance that needs to be compensated for in the instrument.

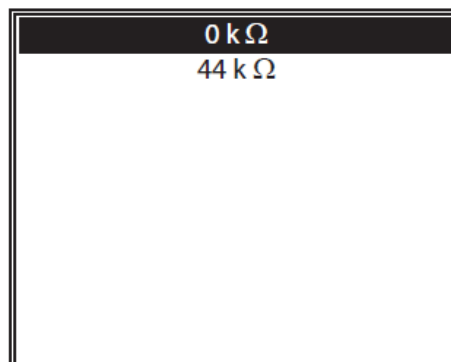
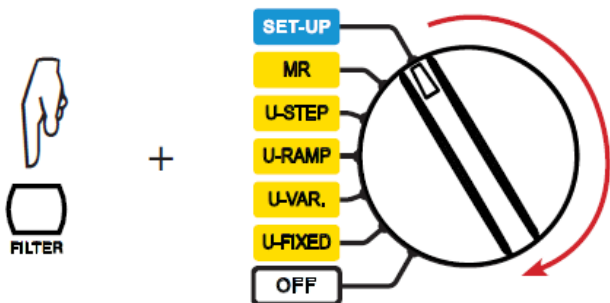


NOTE: When troubleshooting issues and checking lead continuity, these leads will not pass a straight continuity test. They will measure 44 k Ω .



All 6550 and 6555 Models with firmware version 2.1/2.1 or later allow you to select **0 k Ω** or **44 k Ω** lead compensation before using the meter. Users with K22 marked leads should enable 44 k Ω lead compensation on their 6550/6555. By default, all new products are shipped with K22 leads and 44 k Ω 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 44 k Ω or 0 k Ω . 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 a Red lead **with no K22 markings**, as provided with our Hippo Clips, the compensation selection should be set to **0 kΩ**. The below table shows our currently offered leads and the related compensation needed in the instrument.

	Cat. #2151.14 Replacement Leads	Cat. #2151.17 Optional Hippo Clip Leads	Cat. #2151.20 (25 ft) Cat. #2151.23 (45 ft) Optional Hippo Clip Lead
Image			
Lead Compensation	44 kΩ	0 kΩ	0 kΩ

If you have any questions, contact AEMC® Technical Support at 1-800-343-1391 x351 or email techsupport@aemc.com.

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