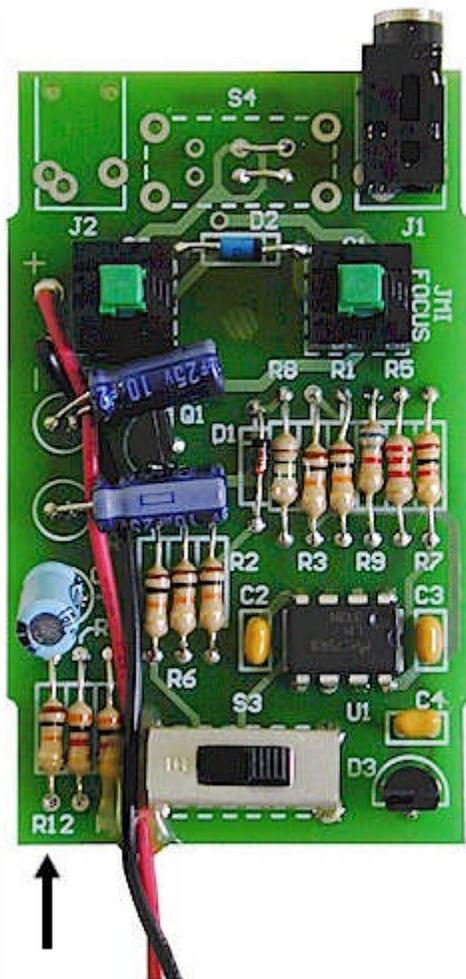


JMI Hand Unit Speed Modification

How to Adjust the Speed of the Standard JMI Hand Unit by Modifying the Circuit Board

If you find that the slow speed of the standard JMI hand unit is too fast for your preference, you can slow it down by changing one of the resistors on the electronic circuitry board. For anyone with any experience in soldering, this should be an extremely easy job. However, it should be noted that this will void the warranty on the hand unit.

All that needs to be done is to swap out the R12 resistor (see picture). The factory standard is a 10k ohm resistor. This should be replaced with a 4.7k resistor. The color bands for a 4.7k resistor will be yellow-violet-red-(gold). The result will usually be at least a 50% reduction in speed. This may vary, however, due to several parameters including which motor is being used.



If the result is not what you expect, simply increase the resistance for a faster speed or decrease the resistance for a slower speed. Remember that this modification only affects the slow ("pre-ramp-up") speed. See the hand unit instructions for more information on speed and operation.

JMI Telescopes