

Function Generators (8:33)

ATTENTION: Do not just passively watch this lecture. Get in lab and actively replicate the exercise using a function generator and DMM.

Determine the peak, peak to peak, and period for a sinusoidal waveform with an effective value of 4.5V and a frequency of 50Hz. Express this as a time variant function.

Identify the three different types of output for the B&K Precision 4010A function generator

Identify the modifiers for the B&K Precision 4010A function generator. Identify the button position that disables the modifiers.

Identify the method used to adjust output voltage magnitude. Identify the output range for the B&K Precision 4010A function generator.

Identify the method used to adjust output frequency. Identify the frequency ranges for the B&K Precision 4010A function generator.

Identify the range and knob position for 50Hz.

Identify where to obtain an output signal from the B&K Precision 4010A function generator.

Identify why it is important to verify the output of the function generator in the loaded condition.