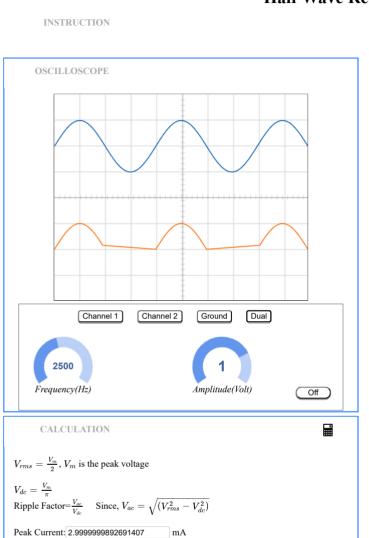
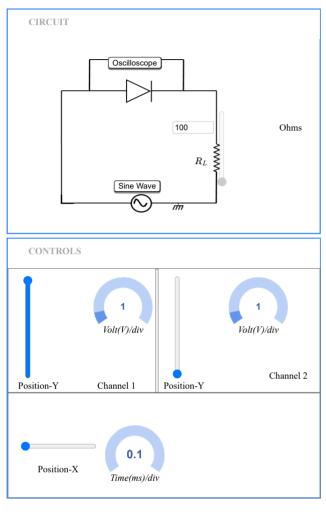




Half Wave Rectifier





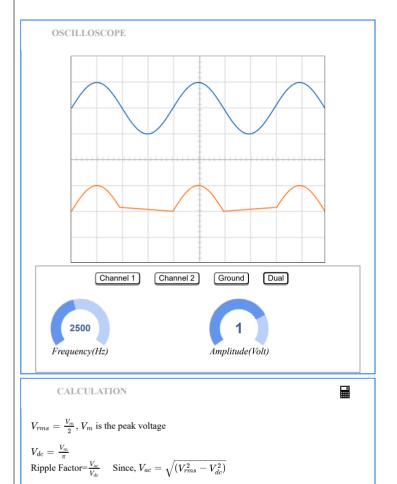


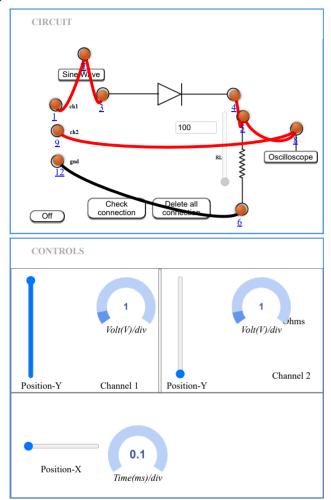


Half Wave Rectifier



Peak Current: 2.999999892691407





Stale 5-1 upit = 1 vert/dix

Half wave Rectifier

calculation

peak voltage (Vm) = 1 V pois

$$=\sqrt{(0.5)^2-(0.3183)^2}$$

= 1.21 Therefore, Ripple factor = 1.21