

Activity 6 A

Changing the Light Signal



FOR YOU TO DO

If you have neither speaker/amplifier nor oscilloscope, have the students wire the circuit with a $100\ \Omega$ resistor in the place of the $47\ \Omega$ resistor. Have one group observe the LED while another group's radio is tuned to the same station, with the sound coming out of the radio's speaker. The students can observe how the light output varies with the sound of the broadcast.