

## Modulate

- A steady flow of electrical energy (“DC”) can be modulated (caused to pulse stronger and weaker).
- If we use an audio signal to modulate a DC electrical signal, we will have in effect amplified the audio signal.
- It’s also possible to modulate at rather low frequencies electrical signals that are pulsing at rather high frequencies.
- The result is a composite wave, where you can detect the high frequency by counting the individual pulses, and you can detect the low frequency by paying attention to the regular strengthening and weakening of the high frequency pulses.
- The low frequency is contained in the overall shape (envelope) of the high frequency wave.