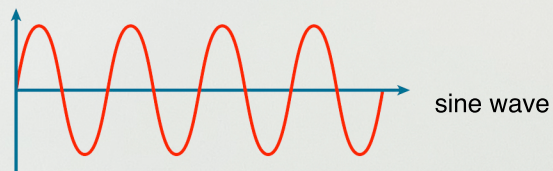**Patch 1**

The Siren Patch

Using one sound source (**VCO**, or Voltage Controlled Oscillator) with the pitch being controlled (modulated) by a slow repeating waveform from the **LFO** (Low Frequency Oscillator).

LFO **Shape**: Switches through different **LFO** shapes. For a siren, a smooth 'wavy' **sine wave** is best.

sine wave

'**FREQ**' Determines the speed (frequency) of the **LFO** wave (how quickly the 'siren' cycles).

Amplifier (**VCA**): 'Level A' controls the amplitude (volume) of the sound signal for the 'A Input'.

Oscillator (**VCO**) Sound Source

'**Range**' adjusts the siren pitch (frequency) by octave.

'**Tune**' adjusts the pitch of the oscillator smoothly (fine-tuning).

'**Mod Amount**' controls how much/wide the LFO affects (modulates) the oscillator's pitch.

3 waveform outputs.

Effects to Mixer or to DAW