Features:

IMP:
- **Domains (frequency range groups)**
  - **2 banks (high and low) of 4 switch-selected**
- **Frequency adjustment**
  - **Coarse and Fine**
- **Fine scaling adjustment (relative to Coarse)**
  - **5:1 to 25:1**
- **Range adjustment (range of frequency variance within domain)**
  - **Coarse and Fine**
- **Fine scaling adjustment (relative to Coarse)**
  - **5:1 to 25:1**
- **"Tone" control**
  - **Variable between low-pass and all-pass**
    - **Adjustment also varies phase interaction**
- **Control Voltage (CV) inputs**
  - **Frequency: 0 to +5V**
  - **Range: 0 to +5V**
  - **Width: 0 to +5V**

IMP description:

Domain, Frequency, Range and Width: Technically, all four describe the same Function: what frequency the Imp puts out. The total possible range of the Imp, however, is from sonic to ultrasonic, and accessed in different ways requiring multiple controls for fine-tuning.

High-Low Toggle switch: Selects one of two banks for the Domain switch to select from. The High bank is the same as the standard INM, while the Low bank has lower frequency ranges than possible with the INM. The descriptions below were written with only the original High bank in mind.

Domain: The first stage of frequency selection. Domain selects one of four wide bands of the overall range. Four Domain is lowest, One is highest (in frequency). Four is audio, One is nearly ultrasonic. The One Domain is where you will find the oddest/most ethereal Noises: static, wind, the impression of voices. It has a lot of what seem to be dead spots, but it is worth the time to wander the Domain and see what can be found.

Frequency: This is the main frequency control within the selected Domain - it sweeps over the entire Domain (depending on Range, see following). The Fine control sweeps up to 1/5 of the size of the band that Coarse does.

Range: This controls how wide of a sweep Frequency covers. Fine control same as with Frequency.

Width: This one is a bit more esoteric: it controls the "width" of the band of the current domain that the Fine controls cover, hence the "up to 1/5". In Domain 1, wide open is best. In Domain 1 the bands of sound are very narrow, so it is best to set the width all the way down to find the hidden sweet spots.

In other words, a quarter of the possible frequency range is selected by Domain, and the other controls select how much of that Domain the frequency control can sweep across. The Coarse knob is for a broad sweep over the Domain, and the Fine knob is for finding the perfect "sweet spot".

Tone: The high-frequency content from the IMP can be somewhat painful at some of the higher settings, so a variable low-pass filter is included. It can also provide some interesting timbre variations.