SCHLAPPI ENGINEERING

INTERSTELLAR RADIO QUICK START GUIDE

SIGNAL IN: Attenuates input level

TYPE: Sets the type of PLL tracking loop used to recover the signal on the DEMODULATOR side. Changes the character of the effect.

**SIGNAL IN:** Insert audio here

OUT: This is the recovered and mangled audio

ERROR: This is the difference between the input and output. Controlled by EERROR THRESHOLD

CARRIER CV: CV control over the internal CARRIER oscillator

CARRIER IN: Replaces internal CARRIER oscillator CV and FREQ controls will no longer affect main output

CARRIER OUT: Output of internal oscillator (square wave)
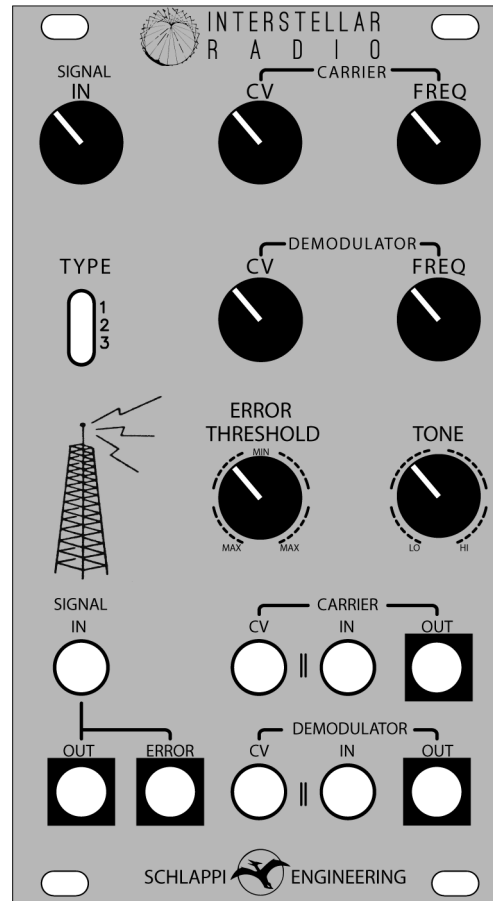
CV controls: Attenuates CV over internal oscillators. SIGNAL IN is normalled here for audio rate modulation in the absence of external CV

FREQ controls: Frequency of the internal oscillators These effectively change sample rates so if either is too low it may not pass any audio.

ERROR THRESHOLD: Sets a comparator for the ERROR out. the middle is wildest and closest to the OUT while the ends are tamer and closer to a gated version of the SIGNAL IN

TONE: Rolls off the high frequency content of the OUT signal

DEMODULATOR CV: CV control over the DEMODULATOR oscillator

DEMODULATOR IN: Replaces internal DEMODULATOR oscillator, CV and FREQ controls will no longer affect main output

DEMODULATOR OUT: Output of internal oscillator (square wave)

TO START (melodic input): Patch a triangle wave into the SIGNAL in with TYPE 1 and TONE fully CW. Listen to the OUT, turn the FREQ and CV knobs and get a feel for it. Then try breaking the normalization by feeding CV to the CARRIER and DEMODULATOR. Multing the melodic CV that is driving your oscillator into the carrier and a slow envelope or LFO into the DEMODULATOR CV will create some nice unscaled melodies.

TO START (rhythmic input): Patch some drums into the SIGNAL IN on TYPE 1 or 3, listen to ERROR out and turn the ERROR THRESHOLD knob as well as the CV knobs for variation on gated, distorted, laser sounds

THEN TRY NO INPUT: Unplug SIGNAL IN, listen to OUT, try TYPE 1, feed CV into the CV jacks and turn the FREQ knobs. Converse with infinite space.