

SPECTRAL PROCESSOR MANUAL

Envelope output of each band. This is made of an envelope follower that is following the band sound. This can be used to control any parameters depending on a specific frequency content of the incoming signal. These can also be used to create vocoding, look at this video for an exemple.

<https://www.youtube.com/watch?v=NkOIVOPIELE&t=100s>

Display and control (with the touch pad) A or B setting for the amplitude of each band.

Display the bands amplitude setting depending on A-B morphing

Decay setting of the envelope follower for each band

Amplitude setting of the envelope follower for each band

Display the envelope followers outputs of each band

Touch pad controller/display

VCA inputs for each band
It controls the amplitude of the band.

Odd input, the sound coming in it is sent to the "Odd bands" of the processor (1, 3, 5, 7,...)

Even input, the sound coming in it is sent to the "Even bands" of the processor (2, 4, 6, 8,...)

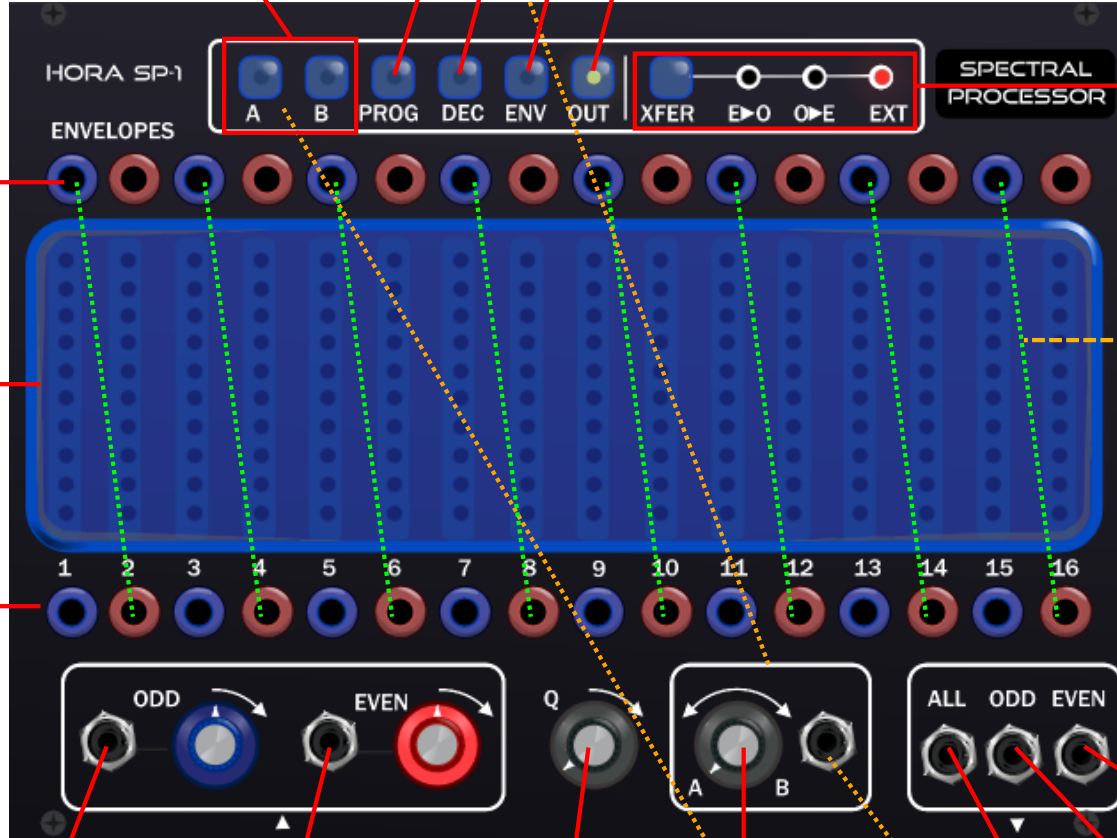
Q factor setting for each band

Allow to pass progressively from A to B setting (controllable with CV)

Even and odd mix output

Odd band output (only the sound connect to odd input)

Even band output (only the sound connect to even input)



The Xfer feature allows to connect Even envelope outputs to odd vca inputs or Odd envelope outputs to even vca inputs like this green lines.