



# The SA16-Chorus User Manual

## Controls

- Delay
  - Moves the center of modulation.
- Waveform
  - Provides the user with control over the LFO waveform.
  - Sine and Triangle waveforms.
- Chorus Type
  - Allows the user a choice between six different chorus types.
    - Standard Chorus
      - Straight input to output with standard chorus modulation
    - Cross Chorus
      - Provides a Two-Stage Chorus, in which the SA16 crosses the left and right channels before sending them into the second stage.
    - Bass Chorus
      - Allows the Chorus to be used on low-end heavy content while maintaining it's "punch".
    - Quad Chorus
      - a Quad stage chorus in which each stage is modulated by a Phased LFO Waveform.
    - Allpass Chorus
      - A modified version of the Quad chorus, in which the first two stages are filtered by a lowpass filter and an allpass filter respectively. They are then fed into the remaining stages before reaching the output.
    - Pong Chorus
      - Four Stage Chorus in which each stage reverses its inputs.
        - Example.
          - Stage 1 outputs L&R Channels,
          - Stage 2 receives them in reverse order RL,
          - Stage 3 LR,
          - Stage 4 RL.
    - Feedback
      - Controls the amount of Wet signal fed back into the chorus
    - Depth
      - Controls the total amount of delay modulation by LFO.
    - Rate
      - Controls the frequency of the LFO.
    - Dry / Wet
      - Crossfade between unaffected signal, to completely affected signal.