Arch

Nonlinear Functions

I am Arch. I span the thoroughfares of your video instrument with my continuous lines and splendid ornamentation. I can show you new routes! Over, atop and between your well worn paths: join, constrain, bend and split shape and form with the magic of my nonlinear processes.

- **2-input, 5-output wideband analog logic.** Binary logic can only see two colors: black and white. Analog logic processes the continuous grayscale range of your analog signal path, enabling organic combinations of images in novel ways.
- **1-input, 3-output full wave rectifier and frequency doubler.** We love this circuit -- you can find it in the signal paths of Staircase, Shapechanger and Navigator. With an input triangle wave, you get a triangle wave at double the frequency at your output.
- **1-input, 2-output gamma processor.** An infinitely usable function, gamma processing adjusts the brightness of mid-gray level while keeping black and white points consistent. The square function darkens grays, and the log function brightens them.

Explore more information, documentation and user resources at
https://www.lzxindustries.net/products/arch

Format: 3U EuroRack Synth Module
Width: 8HP
Mounting Depth: 32mm
+12V Power Consumption: 65mA
-12V Power Consumption: 65mA
MSRP: $179 USD