

# SHD2CH SECOND HARMONIC DISTORTION HARMONIC ENHANCER PROCESSOR



SHD2ch is vacuum tube-based and it is a Class A circuit design that is hand constructed like all MCAudio-Lab products. This breakthrough unit houses two different channels of fully analog valve distortion processing. The amount of distortion can be controlled by the user.

SHD2ch allows control over the overall input gain and drive, distortion amount and output level.

The input gain and distortion amount control on each channel is like having many different sounds when combined with the tube gain range allow for even more experimentation. Another kind of distortion, indeed, can be generated simply overloading the valve input stage with a loud signal. The Input knob controls the amount of signal feeding the valve. An LED meter monitoring the input signal with respect to valve. So you can use the unit for generating an "overloaded" signal, second harmonic distortion affected

signal or the combination of both. The output knob controls the output signal. A further peak program LED bargraph meter monitoring the output level. The unit can be also used for "warming up" a track simply leaving the s.h.d. control in flat mode. The SHD enhances sounds easily and have a variety of sounds at your disposal. Drum set and loops, piano sounds, bass guitar, vocals and even entire tracks can profit by the harmonic enrichment but users usually found lots of uses beyond this. Each channel on SHD works independently and can be bypassed just acting on the bypass switch.



## FEATURES

- Twin channel device - Independent channel operation
- All class A, low noise circuitry
- Overdrive or even harmonic distortion, or combination of both.
- Switchable hard-bypass (each channel independently)
- True relay bypass (each channel)
- Peak LED meters for monitoring output level;  
LED meter monitoring the input signal
- Output level control with +6dB gain
- Fully balanced line level input and output, both XLR
- 2U rack solid metal enclosure unit
- Internal regulated AC power supply  
(custom toroid power transformer)



Check out the SHD2ch in-depth page

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pro audio design

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