

MERCURY EQ-H2 EQUALIZER

Dual Mono, Tube, Studio Program Equalizer

The **Mercury EQ-H2** is two independent (dual mono) channels of the **Mercury EQ-H1** in a 2U package. The **Mercury EQH2**, like the **EQ-H1**, features a passive EQ circuit with a single ended gain make up amplifier topology, based on the vintage 'Pultec EQH' circuit. The **Mercury EQ-H2** circuit provides a musically satisfying result unobtainable with active and parametric EQs, since the **EQ-H2** does not rely upon negative feed back (and all it's associated phase and dynamic distortions) to achieve equalization. The **EQH2**, like all Mercury products, has transformer balanced (XLR) input and outputs. The only additions or changes to the original are a much more powerful and stable power supply and running DC on the heaters, rather than AC, and two additional frequency to expand the range and make it more flexible.

The **EQ-H2**, like the mono version **EQ-H1**, is more punchy and robust and has a slight push in the low end and lower midrange. The **EQ-P2**, like the mono version **EQ-P1**, is more open and silky, and equally adds warm to highs, mids and lows of your source. Although both sound amazing on any application and are both multi-purpose tools (equalizers) in the studio, if you had both you could then choose between applications. The **Mercury EQ-H2** is warm and fluid but a bit "thicker" than the **EQ-P2**, thus shines on thickening (and pushing forward in the mix) your Vocals, Bass, Kick, Snare, and Acoustic Guitar etc... The **Mercury EQ-P2** is great for Shaping and adding 'air' to your vocals, Acoustic instruments, Guitar, Piano etc... and is magical strapped across your two buss to add musicality to you mix.

Frequencies

Low Frequency Select (CPS; Cycles per second): 20, 30, 60, 100, 200 Hz

Low Frequency Boost Control: Shelf Boost, 0dB to +13dB

Low Frequency Attenuate Control: Shelf Atten. 0dB to -17dB

High Frequency Select (KCS; kilocycles per second): 3, 4, 5, 8, 10, 12, 16 kHz

High Frequency Boost Control: Shelf Boost, 0dB to +16dB

High Frequency Attenuate Control: 10k Shelf Attenuate, 0dB to -16dB

Tubes: 1x 12AX7 and 7 1x 12AU7, per channel

Rack Size: 2U

Weight: 22 lbs

Shipping size: 25" x 19" x 10"

The **Mercury EQ-H1, EQ-P1, EQ-H2 and EQ-P2** are based on the original Pultec equalizers which were tools developed to deal with the limitations of recorded music. Limitations that most often manifest themselves in the highest and lowest frequencies of the program material. The **Mercury Studio Program Equalizers**, like the family of original Pultec EQs, are originally designed to bring back the life and musicality lost in a recording. Whether by accident or genius, nothing has been able to do this better in music production than a passive equalizer with tube gain make up amplifier ('Pultec style') equalizer. The interaction of the passive boosting and attenuating shelving EQs (not relying on negative feed back), as well as the transformers, tubes and other amplification circuitry all add to the incredibly musical character of the product. Working engineers try other types of equalizers, but always end up coming back to the Pultec style as the equalizer of choice for those final touches while tracking or mixing and even mastering at times.

Now in this modern age of digital recording, where the source you put into the DAW is exactly what you have on the track, with no rounded edges, no slight compression and none of the "pixie dust" that came with analog tape, the Mercury family of equalizers are needed more than ever to help add the musicality, warmth and tone to your tracks that we have all treasured.

EQ-H2 vs EQ-P2:

Simply, the key to the tone of these two circuits is it's amplifier, and Mercury **EQ-H2** and **EQ-P2** have different amplifiers to make up the gain lost by the passive equalizer circuit, thus it has a different tone. Meaning the **EQ-H2** and **EQ-P2** sound different on the same application, and have a different reaction to the same instrumentation or voice.

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"I used the EQ-P1 and EQ-H1 extensively in mixing scenarios, and they performed like champs. I was able to dial in silky top-end on vocals and acoustic guitars and beefy lows on kick drums and mic'd bass cabinets with truly 'pro' results. There were many times when i hit upon a certain setting and found it was 'that sound' I had heard for years on 'that famous record' that didn't seem possible to get with 'other gear'. These EQs are so perfectly geared to music that - even with extreme settings - it's hard to get bad results with them." - **Pete Weiss, TapeOp Magazine**

"The Mercury EQs (EQH1 & EQP1) are a quite original. All the tone of a classic tube Equalizer but without the noise and much more power... Nothing sounds quite like an old Pultec but Mercury EQs are one of the best sounding tube Equalizers on the planet".

- Joe Chiccarelli - Grammy Award Winning Producer/Engineer/Mixer

Credits include: The White Stripes, The Shins, Beck, U2, Young The Giant and more

" Mercury provides amazing build quality, a beautiful aesthetic and impeccable accuracy. I cannot imagine a better version of what they manufacturers.... Mercury will be the dominant force in our industry for years to come."

- Brian Garcia, Producer/Mixer/Engineer

Credits include: Avril Lavigne, Kelly Clarkson, Our Lady Peace, King's X, Dizmas