
INCOMING VOLUME PEAKING INTO THE RED

Posted by Nestageez - 2008/07/01 16:34

This is a question regarding volume and setting peaks when recording in Pro Tools.

Does any one know the proper way to record audio when it comes to volume.

The way I have been doing it is that I set the incoming volume to record at the level just before the volume peaks into the Red zone. However, is this still too loud?

What are your suggestions

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Re:INCOMING VOLUME PEAKING INTO THE RED

Posted by cneal - 2008/07/01 17:02

That is the basic drill. Back when we had no choice but record at 16-bit it was more import to get the signal as hot as possible without clipping.

With 24-bit recording, I will typically leave myself a little more headroom (than with 16-bit recording) to account for dynamics in the performance. You have more freedom with 24-bit as a signal can basically be recorded to peak at -48 dB (or 48 dB under full scale) and you are basically recording at 16-bit quality. Anything above that is just improving your quality.

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Re:INCOMING VOLUME PEAKING INTO THE RED

Posted by oursunking - 2008/07/24 00:16

24 bits is a LOT of dynamic range. If this is a vocalist, then get them to try to do the screaming a few more inches from the mike(s). If it's a big capsule, good lungs will clip. Do you use a compressor?

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