
K-Meter

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Implementation of a K-System meter according to Bob Katz' specifications

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FLAC-compressed wave file (48 kHz, 24 bit)

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Please verify the correctness of K-System meter values over time by making use of your eyes and the expanded metering mode.

00:00 - 00:03 silence

00:03 - 01:03 uncorrelated band-limited pink noise (20 Hz to 20000 Hz, -23.01 dBFS RMS)

01:03 - 01:06 silence

Validation settings

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File: pink_noise.flac

Host SR: 48 000 Hz

Channel: All

Display: ☒ Average meter level

☐ Peak meter level

☐ Maximum peak level

☐ Stereo meter value

☐ Phase correlation

RMS correction of K-System meter

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$RMS = A / \sqrt{2}$

$RMS / A = \sqrt{2} = +3.01 \text{ dB}$

Pink noise (20 Hz to 20000 Hz, -23.01 dBFS RMS)

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K-20 := 0.00 dB (crest factor: 20 dB)

K-14 := -6.00 dB (crest factor: 14 dB)

K-12 := -8.00 dB (crest factor: 12 dB)

Norm := -20.00 dB (crest factor: 0 dB)