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#### 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 (44.1 kHz, 16 bit)

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Please verify correctness of meter ballistics programmatically.

00:00.000 - 00:02.000 silence

00:02.000 - 00:12.000 sine wave (2 kHz, 0 dBFS)

00:12.000 - 00:12.600 silence

00:12.600 [check fall time of average meters]

00:12.600 - 00:14.600 sine wave (2 kHz, 0 dBFS)

00:14.600 - 00:24.600 silence

00:24.600 - 00:25.200 sine wave (2 kHz, 0 dBFS)

00:25.200 [check rise time of average meters]

00:25.200 - 00:27.200 silence

00:27.200 - 00:37.200 sine wave (2 kHz, 0 dBFS)

00:37.200 - 00:40.200 silence

00:40.200 [check fall/rise time of peak meters]

00:40.200 - 00:42.200 sine wave (2 kHz, 0 dBFS)

00:42.200 - 00:44.200 silence

### Validation settings

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File: meter ballistics.flac

Host SR: 44 100 Hz

Channel: All

Display: [x] Average meter level

[x] Peak meter level
[ ] Maximum peak level
[ ] Stereo meter value

[ ] Phase correlation

# Fall time of average meters (0 dBFS sine)

99% of final reading in 600 ms integration time

# Rise time of average meters (0 dBFS sine)

99% of final reading in 600 ms integration time

## Fall time of peak meters (0 dBFS sine)

-26 dB in 3 seconds

## 

K-20 = 20.00 dB K-14 = 14.00 dB K-12 = 12.00 dBNorm = 0.00 dB