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

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FLAC-compressed wave file (44.1 kHz, 16 bit)
============================================
Please verify readout of stereo meter programmatically.

00:00.000 - 00:02.000  silence

00:02.000 - 00:05.000  sine waves (1 kHz)
                       left channel:  -12.00 dBFS peak (100 %)
                       right channel:  muted           (  0 %)

                       [stereo meter should read -1.00]

00:05.000 - 00:07.000  silence

00:07.000 - 00:10.000  sine waves (1 kHz)
                       left channel:  -12.00 dBFS peak (100 %)
                       right channel: -18.02 dBFS peak ( 50 %)

                       [stereo meter should read -0.50]

00:10.000 - 00:12.000  silence

00:12.000 - 00:15.000  sine waves (1 kHz)
                       left channel:  -12.00 dBFS peak (100 %)
                       right channel: -12.00 dBFS peak (100 %)

                       [stereo meter should read  0.00]

00:15.000 - 00:17.000  silence

00:17.000 - 00:20.000  sine waves (1 kHz)
                       left channel:  -18.02 dBFS peak ( 50 %)
                       right channel: -12.00 dBFS peak (100 %)

                       [stereo meter should read +0.50]
```

```
00:20.000 - 00:22.000  silence

00:22.000 - 00:25.000  sine waves (1 kHz)
                       left channel:   muted           (  0 %)
                       right channel: -12.00 dBFS peak (100 %)

                       [stereo meter should read +1.00]

00:25.000 - 00:27.000  silence


Validation settings
===================
File:     stereo_meter.flac
Host SR:  44 100 Hz
Channel:  All
Display:  [ ] Average meter level
          [ ] Peak meter level
          [ ] Maximum peak level
          [x] Stereo meter value
          [ ] Phase correlation
```