



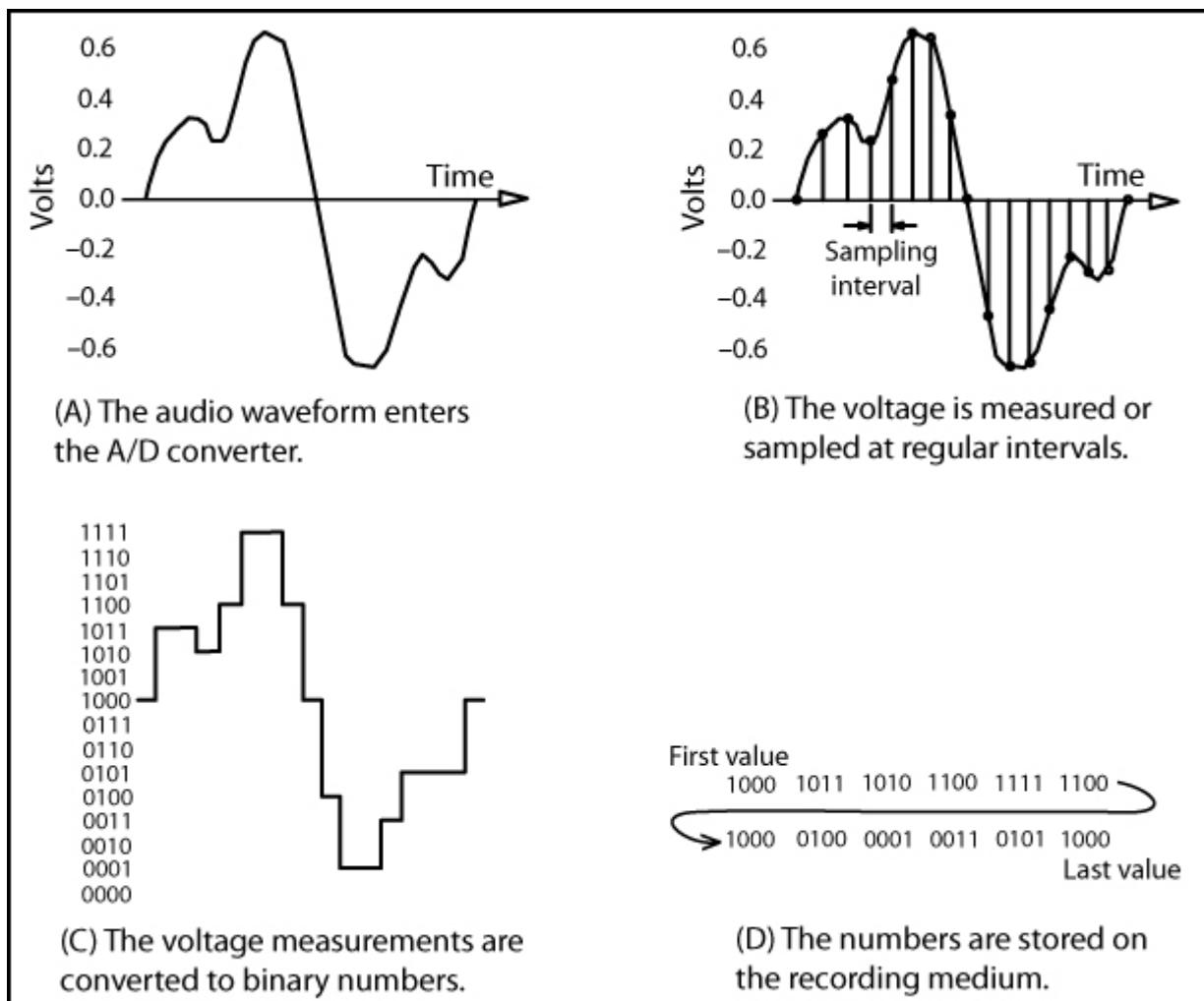
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?DAW 가 ?

DAW 가

, 가

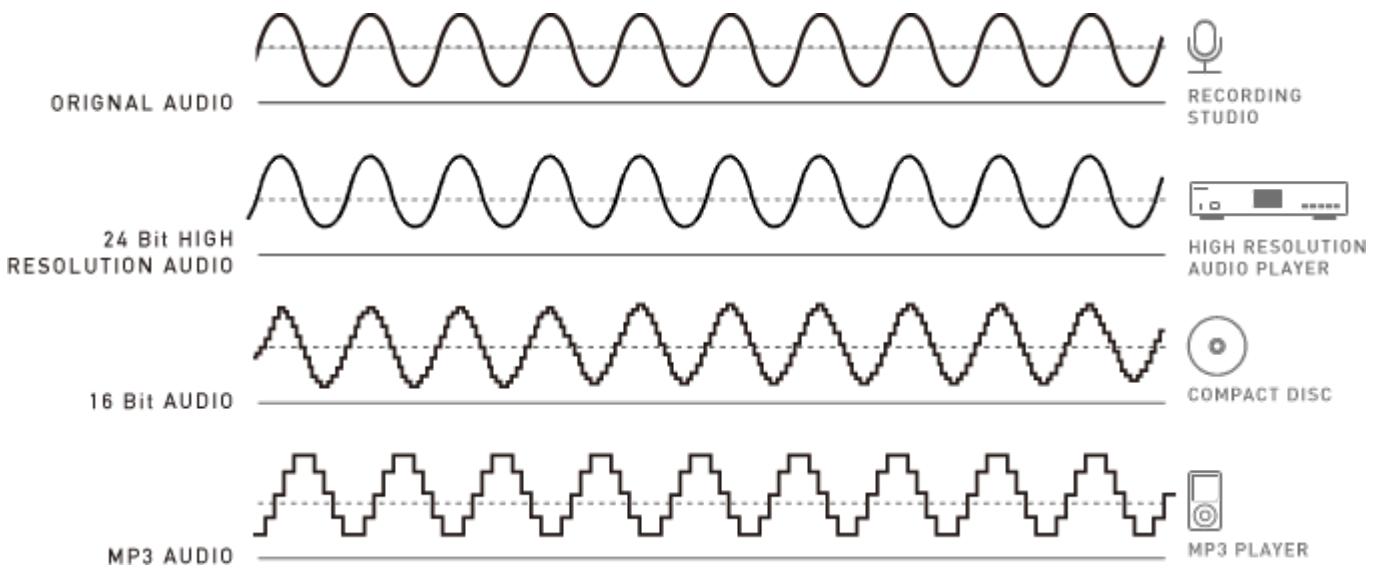


2 0, 1 가
, 가 0

가

가 가 64bit

64bit > 32bit > 48bit > 32bit > 24bit > 16bit > 8bit
> 4bit ¹⁾



CD 16bit 44.1kHz

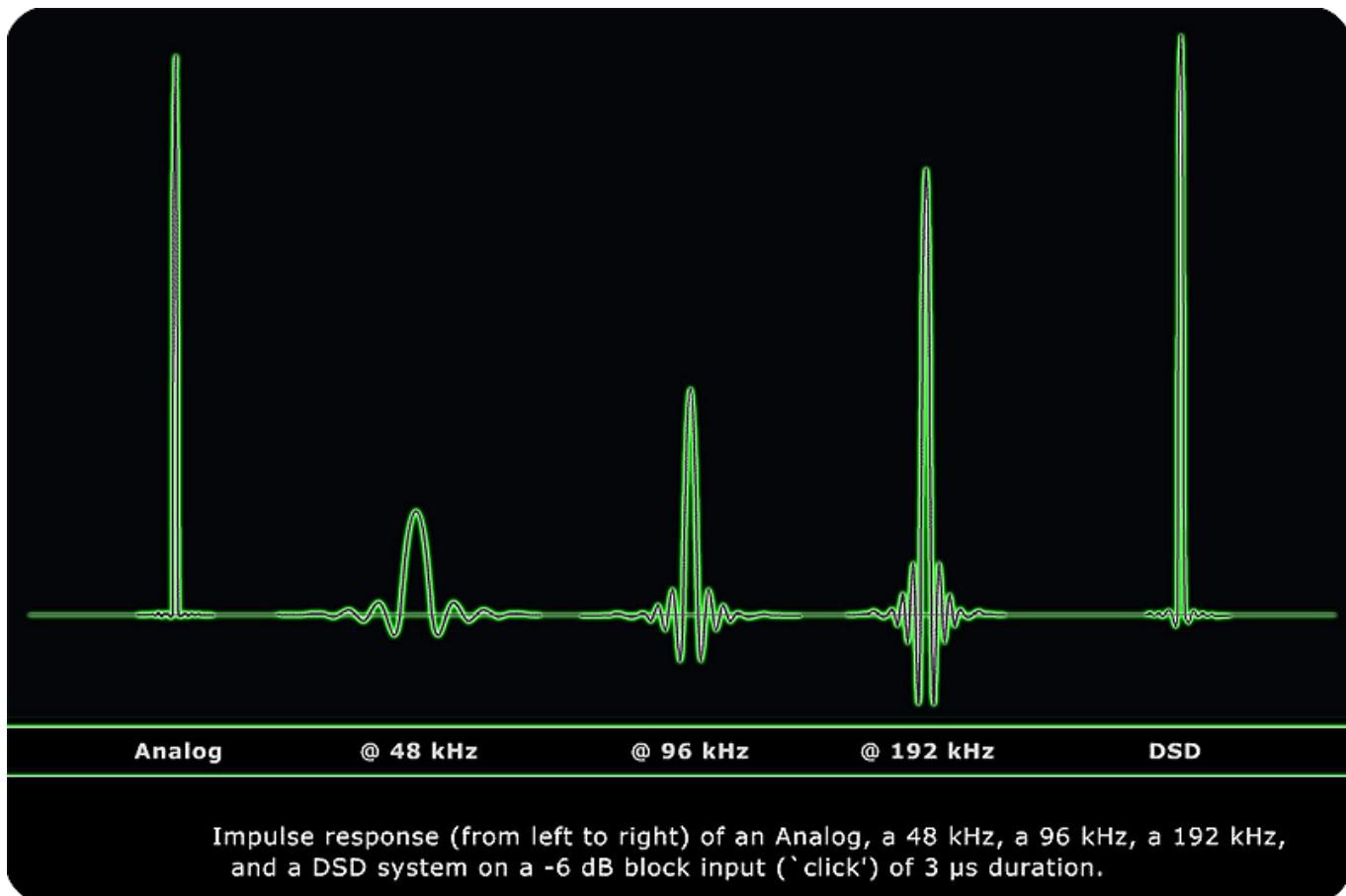
CD 44.1kHz 1 44100

384kHz > 192kHz > 96kHz > 48kHz > 44.1kHz

20kHz 2 40kHz

가 ,
가 가

가 384kHz 192kHz ,
, 가 , DAW 192kHz
96kHz 가 .



DAW

DAW

가

, Pro Tools VS Cubase VS
(Panning law)

DAW

DAW 가

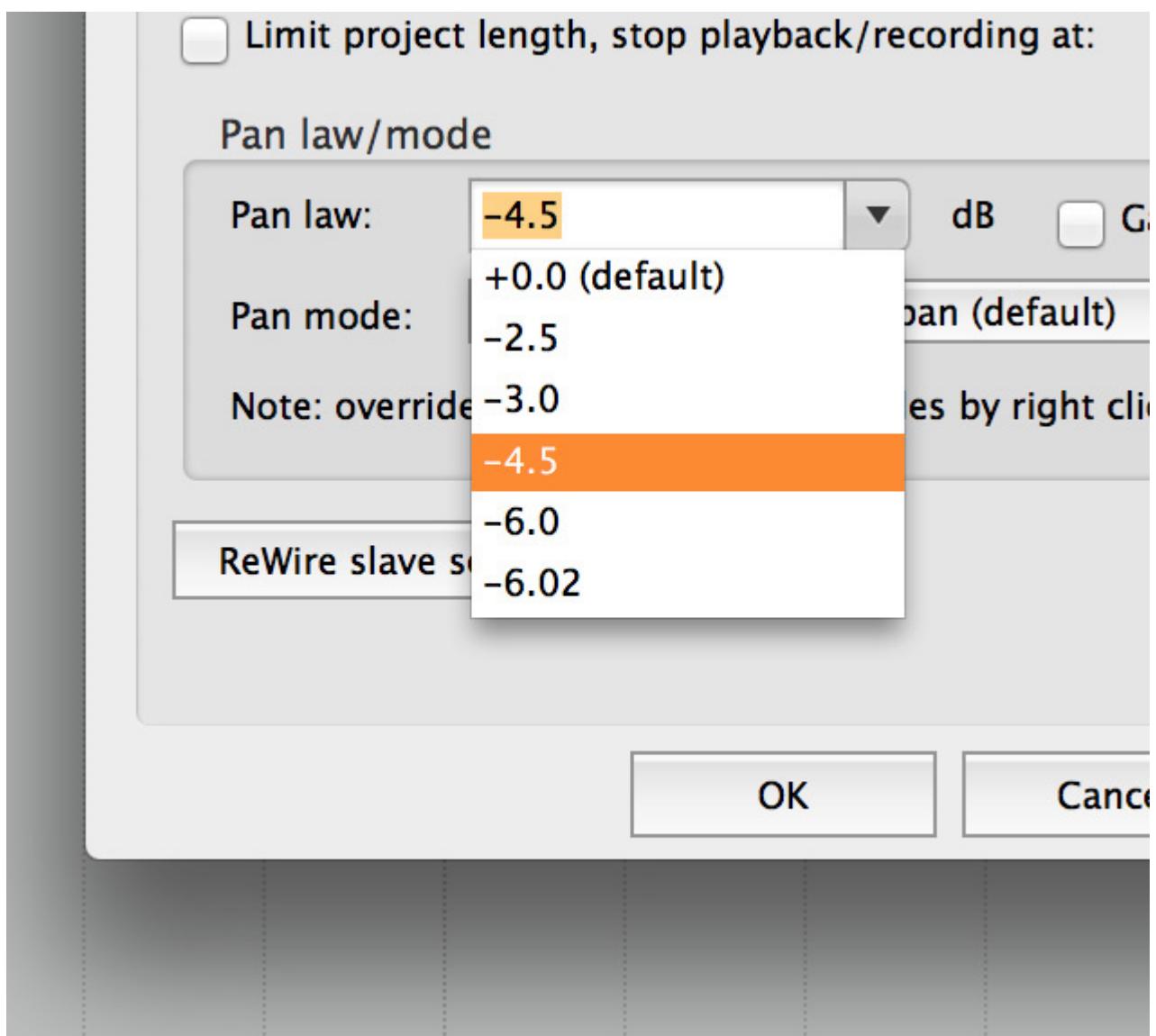
가

- Pro Tools HD : 48bit, 96kHz
- Pro Tools HDX : 32bit , 192kHz
- Cubase 10 : 64bit , 192kHz
- x : 32bit , 192kHz
- Pyramix 11 : 64bit , 384kHz

DAW 가 Pyramix . Pyramix 가 Pyramix 가
 'Pro Tools가 DAW ~ ~ !'
 Pro Tools HD 가 . HDX 가
 Pro Tools HD 가
 Pro Tools HD DAW 가
 Pro Tools HD DAW .
 4) 5)

Panning Law

DAW Panning law default 가
 가 가 Cubase
 가 , Cubase
 panning 가 . (,)
 DAW 가 , panning law
 가 .



DAW

DAW

Panning Law

DAW

Panning law

DAW

: <https://www.aes.org/e-lib/online/browse.cfm?elib=16518>

Many recording professionals attest to a perceivable difference in sound quality between different digital audio workstations (DAWs), yet there is little in the way of quantifiable evidence to support these claims. To test these assertions, the internal summing of five different DAWs is tested. Multitrack stems are recorded into each DAW and summed to a single, stereo mix. This mix is evaluated objectively in reference to a purely mathematical sum generated in Matlab to avoid any system-specific limitations in the summing process. The stereo sums are also evaluated by highly trained listeners through a three-alternative forced-choice test focusing on three different DAWs. Results indicate that when panning is excluded from the mixing process, minimal objective and subjective differences exist between workstations.

가

(DAW)

5가

DAW

DAW

Matlab

가

가

가

DAW

가

가

— *retronica* 2019/05/13 20:30

DAW

1)

48bit

32bit

48bit

가

2)

3)

Pyramix

가

, 384kHz

1,2

4)

Avid 가

5)

48bit, 96kHz, HDX

32bit

, 192kHz,

CD

16bit, 44.1kHz

24bit ,48kHz



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