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44.1kHz 가? 5

NTSC 5

PAL 6

48kHz 6

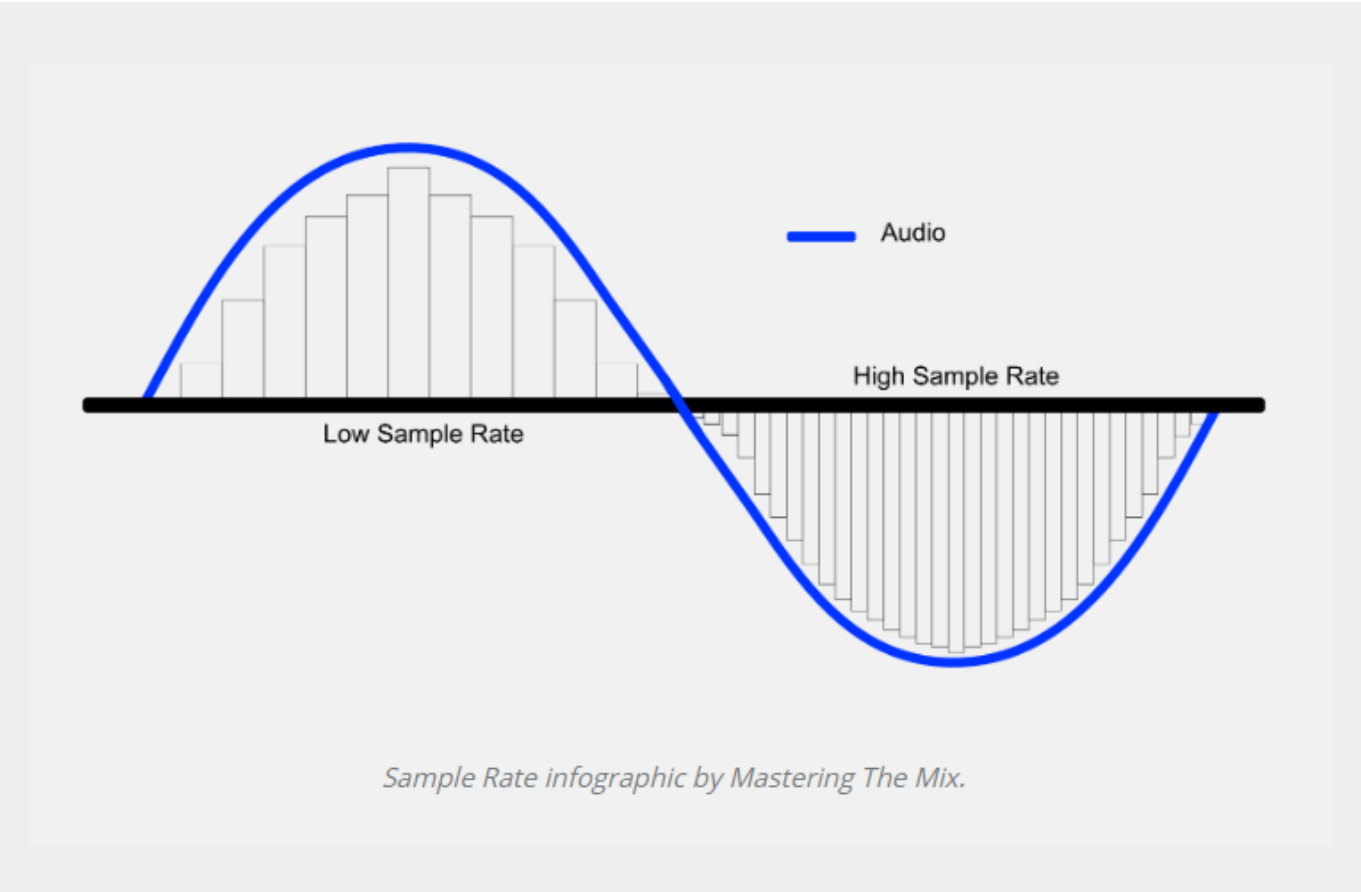
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Sampling rate,



44.1kHz 가?

NTSC PAL 가 가 20kHz CD 40kHz ¹⁾ 가

NTSC

- : 525
 - : 35
 - : 60Hz
 - : 0.5
 - : n
- $(525-35) \times 0.5 \times 60 \times n = 44100 (n=3)$

PAL

- : 625
- : 37
- : 50Hz
- : 0.5
- : n

$$(625-37)\times0.5\times50\times n=44100(n=3)$$

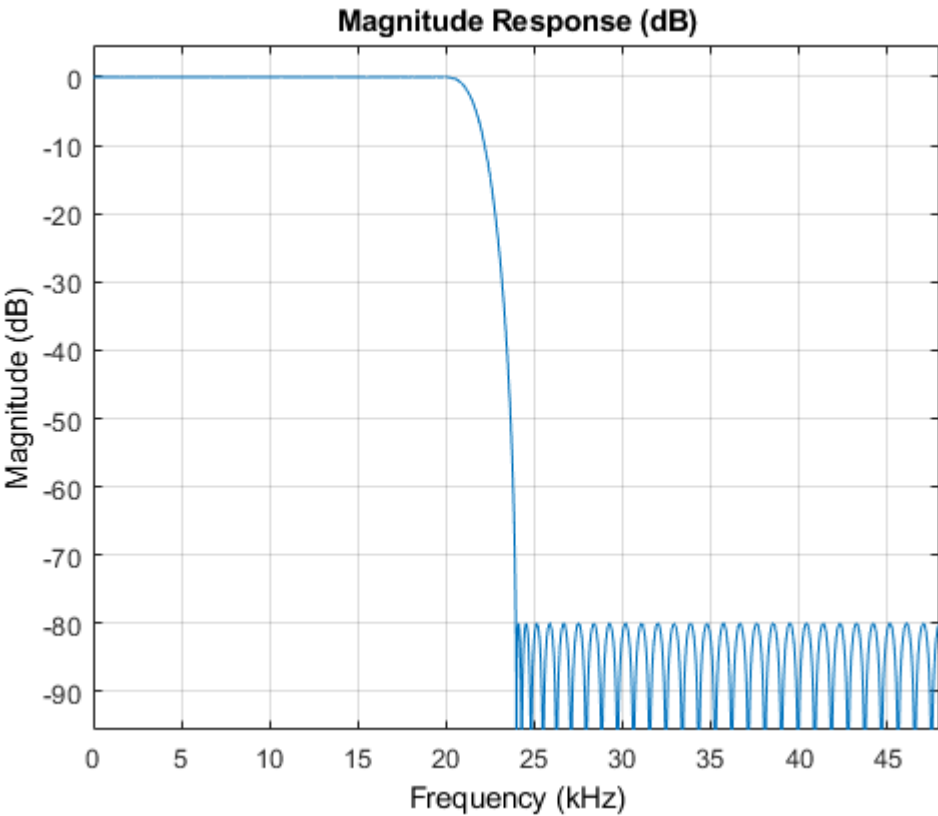
CD 16-bit 44.1kHz , 40kHz , 가
CD .

48kHz

Sony가 DAT(Digital Audio Tape) 가 48kHz .

CD 16-bit 44.1kHz , DAT 24-bit 48kHz .

Sony DAT A/D 가 20Hz
24kHz 44.1kHz A/D 48kHz . A/D²⁾



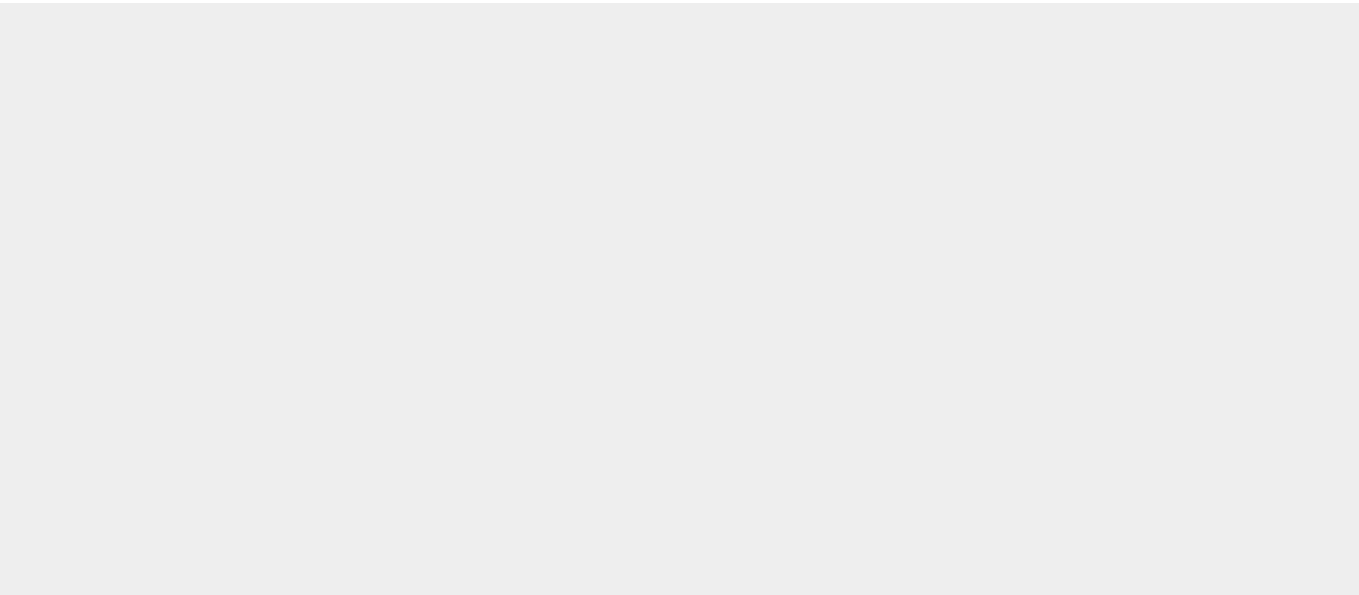
DAT
 CD
 .(DAT CD 44.1kHz .)

DAT : 24-bit 48kHz → CD : 16-bit 44.1kHz

Alesis
 ADAT DAT
 48kHz
 48kHz



Sony DAT





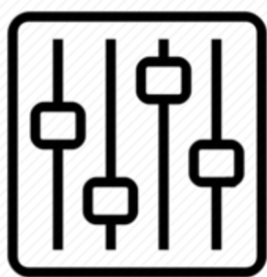
1)

2

가

2)

가



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