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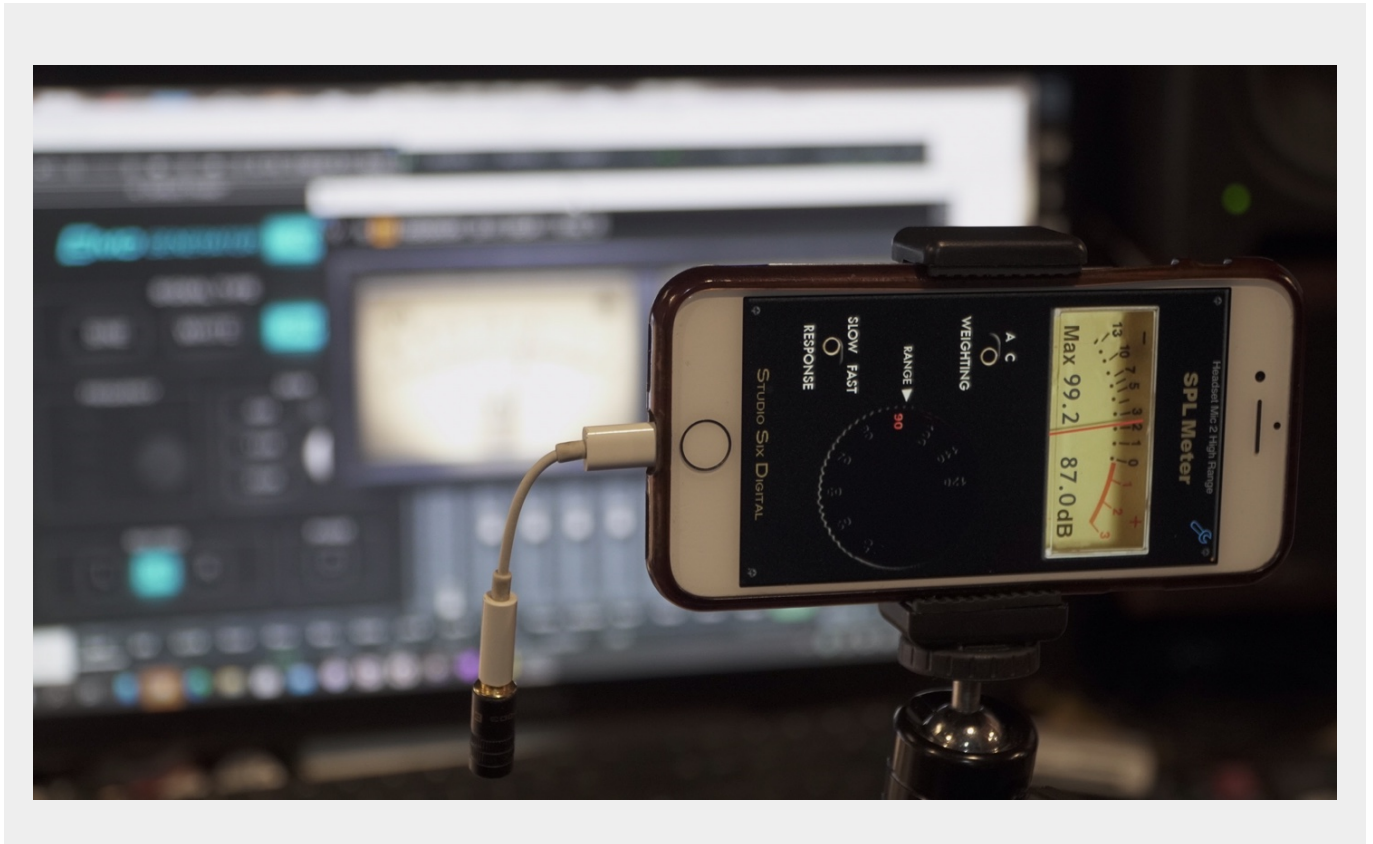
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85dB SPL

85dB SPL



Dolby Volume



[https://professionalsupport.dolby.com/s/article/At-what-level-should-I-calibrate-my-speakers-At-what-level-should-I-mix?](https://professionalsupport.dolby.com/s/article/At-what-level-should-I-calibrate-my-speakers-At-what-level-should-I-mix?language=en_US)

- 0VU
- Pink noise
- 85dBSPL()
- 7, U(0dB)
- SPL : C-weighted

Dolby Atmos mix rooms should be capable of reproducing 85dBC from each speaker at the mix position. Calibrating your room to 85dBC means, sending a -20dBFS pink noise signal to a single speaker and adjust the loud speaker levels (and if required frequency response) until the speaker produces 85dBSPL when measured with an SPL meter, C-weighted, slow, measured at mix position. Repeat this process for all full-range speakers.

Dolby Atmos 85dBSPL -20dBFS 가 85dBSPL
SPL C-weighted, Slow ()

(Level) 1970 Dolby loan allen 0VU
85dBSPL

Dolby Volume , 가

, MaxSPL

¹⁾

가 Dolby Surround 79dBSPL, Dolby Digital(AC-3)

)

- : MaxSPL 103dBSPL@1m, 85dBSPL@1m + 18dB ²⁾
- : MaxSPL 112dB@1m, 85dBSPL@8m(94dBSPL@1m) + 18dB ³⁾
- : MaxSPL 97dB@1m, 79dBSL@1m + 18dB ⁴⁾

Dolby Box Volume Control	
Dolby Scale	SPL dBC
7	85
6.5	83.33
6	81.66
5.5	80
5	78.33
4.5	76.66
4	75
3.5	65

This calibration must be measured with pink noise, with an averaging meter (not a Peak meter), playing one channel (loud Speaker) at a time, and the SPL meter set to slow, C weighting.

가 ()
SPL Slow, C 가

Dolby

Dolby

Cinema processor

Dolby Volume

Dolby Cinema Processor



CP45



CP850



CP950A

Reference

- <https://professional.dolby.com/ko/tv/dolby-volume-for-volume-control/>

- [Facebook](#)
- [Twitter](#)
- [Email](#)

SMPTE RP200

SMPTE Recommended **P**practice - Relative and Absolute Sound Pressure **L**levels for Motion-Picture Multichannel Sound Systems — Applicable for Analog Photographic Film Audio, Digital Photographic Film Audio and D-Cinema

Abstract

This practice specifies a measurement method and wideband sound pressure **l**levels for motion-picture dubbing theatres, review rooms, and indoor theatres using steady state wideband pink **n**noise methodology. Together with **SMPTE** ST 202, it is intended to assist in standardization of reproduction of motion-picture sound in such rooms.

SMPTE ST 202

SMPTE

- 0**VU(-20**dB**FS)
- Pink **N**oise
- 85****dB**SPL()
- 82****dB**SPL()
- 91****dB**SPL(, **6****dB** , **9****dB**)
- 7, **U**(0**dB**)
- SPL** : C-weighted

Reference

- <https://www.smppte.org/standards/document-index/rp>
- <https://ieeexplore.ieee.org/document/7289847>

- [Facebook](#)
- [Twitter](#)
- [Email](#)

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- [Twitter](#)
- [Email](#)

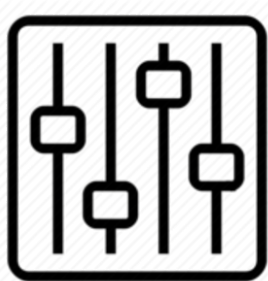
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EBU

3)

EBU



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