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# Dolby Volume



<https://professionalsupport.dolby.com/s/article/At-what-level-should-I-calibrate-my-speakers-At-what-level-should-I-mix?>

- OVU
  - Pink noise
  - $85 \text{dB SPL} ( )$
  - $7, U(0 \text{dB})$
  - SPL : C-weighted

**Dolby Atmos** mix rooms should be capable of reproducing 85dB<sub>C</sub> from each speaker at the mix position. Calibrating your room to 85dB<sub>C</sub> 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  
 85dBSPL -20dBFS  
 SPL C-weighted, Slow 가 85dBSPL  
 ( ) .

(Level) 1970 Dolby loan allen 0VU  
85dBSPL

Dolby Volume , , 가


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### Dolby Surround

79dB<sub>SPL</sub>, Dolby

### Digital(AC-3)

)

- : MaxSPL 103dB<sub>SPL</sub>@1m, 85dB<sub>SPL</sub>@1m + 18dB <sup>2)</sup>
- : MaxSPL 112dB@1m, 85dB<sub>SPL</sub>@8m(94dB<sub>SPL</sub>@1m) + 18dB <sup>3)</sup>
- : MaxSPL 97dB@1m, 79dB<sub>SL</sub>@1m + 18dB <sup>4)</sup>

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



## Reference

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

## SMPTE RP200

**SMPTE Recommended Practice - Relative and Absolute Sound Pressure 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 levels for motion-picture dubbing theatres, review rooms, and indoor theatres using steady state wideband pink 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

- OVU(-20dBFS)
- Pink Noise
- 85dB SPL ( )
- 82dB SPL ( )
- 91dB SPL ( , , 6dB , , 9dB )
- , 7, U(0dB)
- SPL : C-weighted

## Reference

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

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

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: (admin@homerecz.com)