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Dolby 85dB RMS Dolby Volume

MaxSPL

가 가 dBSPL

Dolby Volume/SMPTE RP200 0VU = 85dBSPL 85dBSPL~MaxSPL

EBU 18dB , 85dBSPL+18dBSPL=103dBSPL

MaxSPL

MaxSPL 1m , 1m

MaxSPL 103dBSPL¹⁾

1m DAC²⁾ 1m

가 가

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3)

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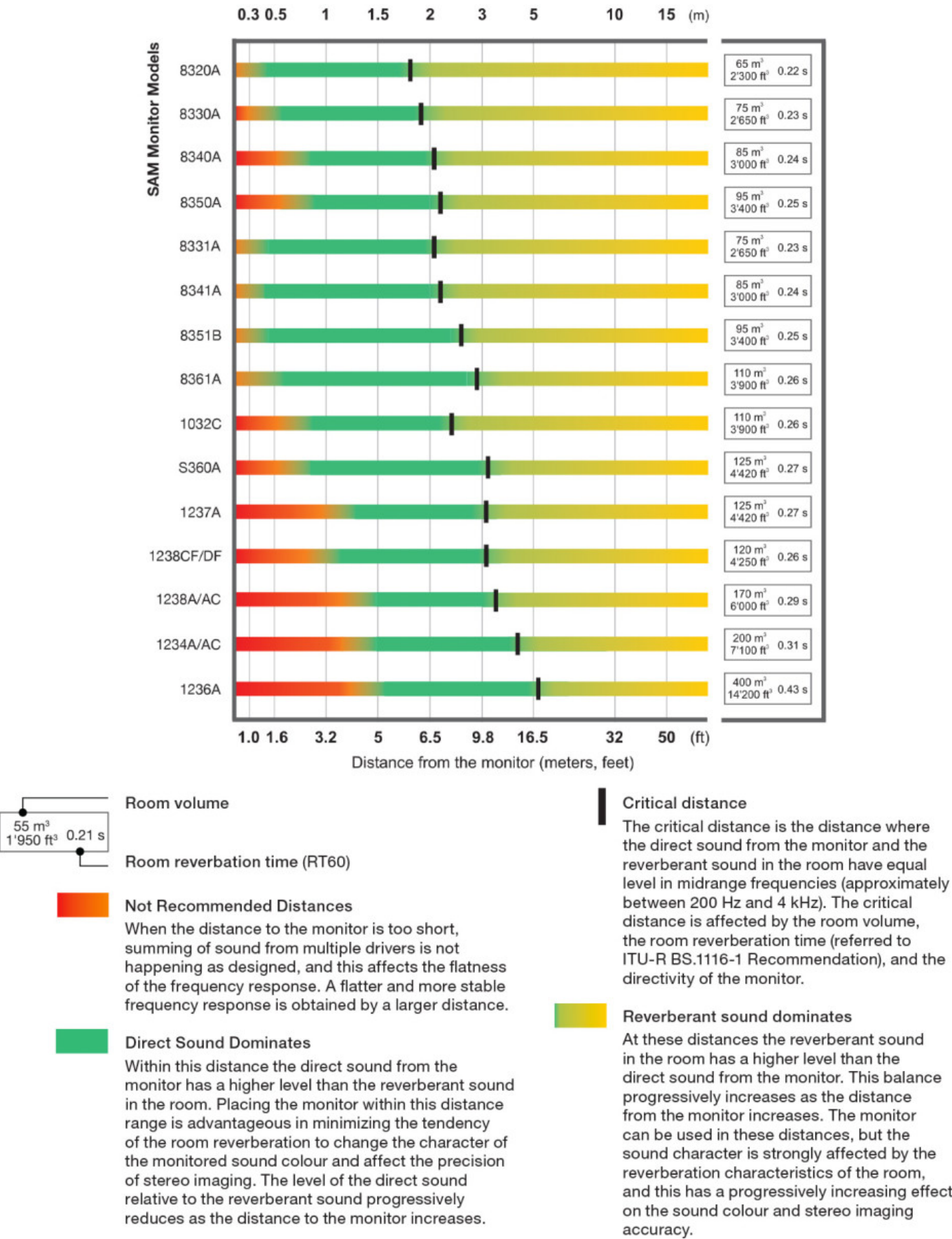
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Monitors	-6 dB LF Extension	Maximum SPL at 1 m ⁽¹⁾	Room volume up to	Subwoofers for 2 channels	Subwoofers for >5-channel Immersive
8010	67 Hz	96 dB	55 m³	7040	7050
8020 / 8320	56 / 55 Hz	100 dB	65 m³	7050 / 7350	7350
8030 / 8330	50 / 45 Hz	104 dB	75 m³	7050 / 7350	7360
8040 / 8340	41 / 38 Hz	105 / 110 dB	85 m³	7360 / 7370	7370
8050 / 8350	32 / 33 Hz	110 / 112 dB	95 m³	7370	7380
8331	45 Hz	104 dB	75 m³	7360	7370
8341	38 Hz	110 dB	85 m³	7370	7370
8351	32 Hz	111 dB	95 m³	7370	7380
8260	23 Hz	113 dB	110 m³	7380	2x 7380
1032	33 Hz	114 dB	110 m³	1-2 x 7380 ⁽²⁾	2-3 x 7380 ⁽²⁾
S360	36 Hz	118 dB	125 m³	2 x 7380 ⁽²⁾	3 x 7380 or 1 x 7382 ⁽²⁾
1237	32 Hz	118 dB	125 m³	2 x 7380 ⁽²⁾	3 x 7380 or 1 x 7382 ⁽²⁾
1238DF	50 Hz	117 dB	120 m³	2 x 7380 ⁽²⁾	3 x 7380 or 1 x 7382 ⁽²⁾
1238 / AC	30 Hz	121 dB	170 m³	3 x 7380 or 1 x 7382 ⁽²⁾	1-2 x 7382 ⁽²⁾
1234 / AC	29 Hz	125 dB	200 m³	7382 ⁽²⁾	2 x 7382 ⁽²⁾
1236	17 Hz	130 dB	400 m³	2 x 7382 ⁽³⁾	2-3 x 7382 ⁽³⁾

(1) Maximum short term sine wave acoustic output on axis in half space, averaged from 100 Hz to 3 kHz at 1 m distance.
(2) Additional subwoofers of the same type may be required in a larger room with bass heavy program material.
(3) Subwoofers are not necessarily required for a 1236 installation as these monitors are already full range. For immersive systems, subwoofers can be used to reproduce the LFE channel.

Subwoofers	-6 dB LF extension	Maximum SPL at 1 m *	Room volume up to
7040	30 Hz	100 dB	65 m³
7050	24 Hz	103 dB	75 m³
7350	22 Hz	104 dB	75 m³
7360	19 Hz	109 dB	85 m³
7370	19 Hz	113 dB	110 m³
7380	16 Hz	119 dB	130 m³
7382	15 Hz	129 dB	400 m³

*) Maximum short-term sine wave acoustic output on axis in half space, averaged from 30 Hz to 85 Hz at 1 m distance.

MaxSPL

(Genelec)

Reference

https://www.genelec.com/correct-monitors

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1)
SMPTE RP200
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105dB SPL)

85dB SPL RMS

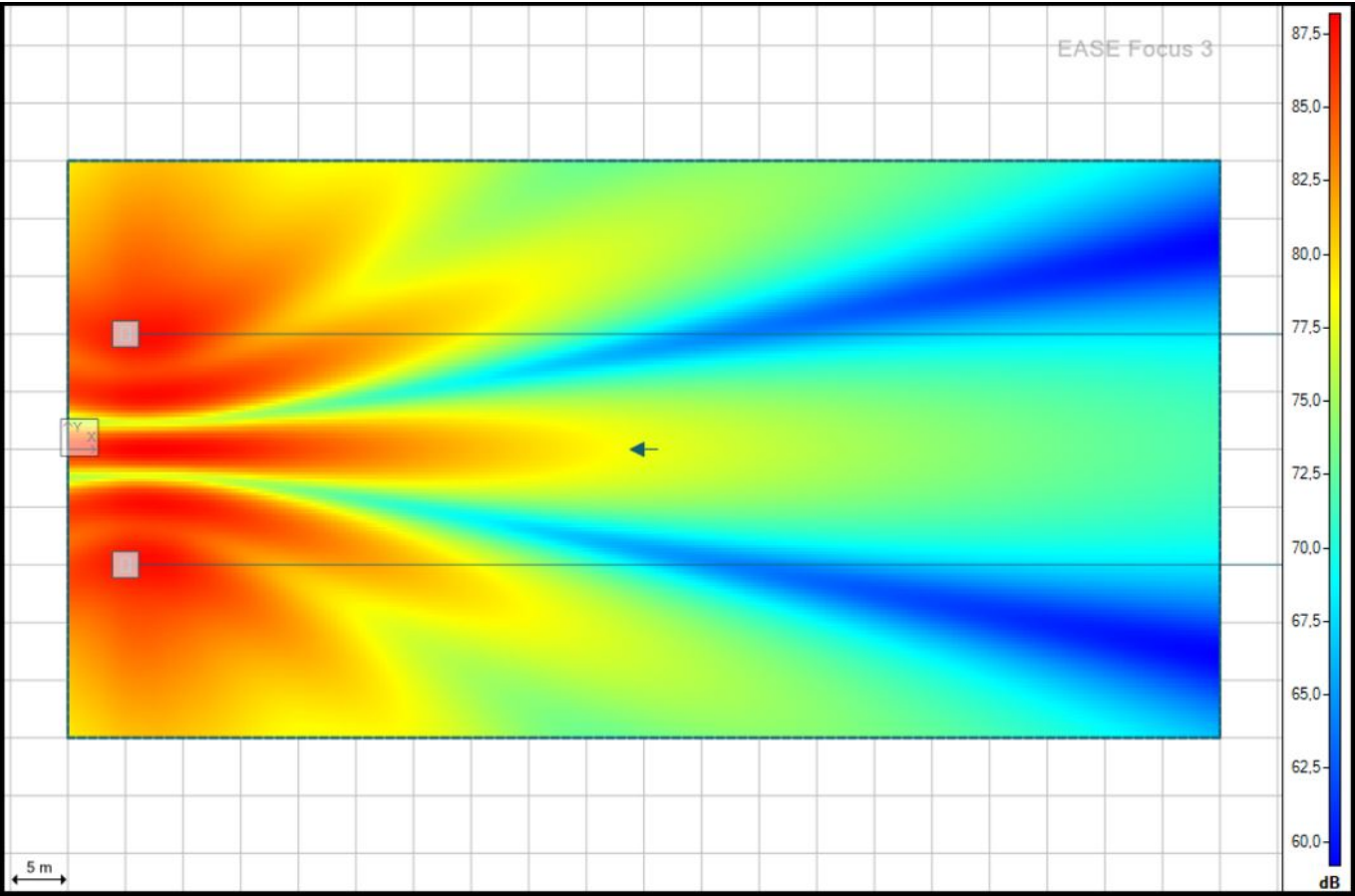
MaxSPL 115dB SPL

MaxSPL 115dB SPL

1m

1m

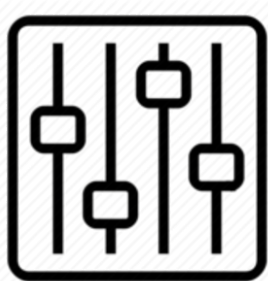
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103dB SPL, 1m 115dB SPL, 2m 109dB SPL, 4m
가 가 가
가 .((가

2)
Digital to Analog Converter

3)
LED TV 5m 40 FHD TV 가
가 , 1m ,
1m 20
FHD TV 1m .



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