



Stage Accompany Screen Series

Cinema sound system calculation chart

	Size	Depth	Width	Height	d 2/3	Power *	Frontsyst.	System spec's		Sub	Surround	Amplifier channels				
	N° seats	m/ft	m/ft	m/ft	m/ft	system	per channel	cont.	peak		est.	front	sub	surr	total N° amps	
Two-way setup	Small	50 - 100	15/50	11/36	6/20	10/33	125 dB	S 27 pas.	121 dB	125 dB	1x S 30	8x S 7	3	1	2	3x SSA 200
	Medium	100 - 300	21/69	16/53	6/20	14/46	128 dB	S 26 pas.	126 dB	130 dB	1x SB 45	12x S 7	3	1	3	4x SSA 200
	Large	300 - 500	30/99	13/43	9/30	20/66	131 dB	S 26 act.	128 dB	132 dB	2x S 30 heavy: 2x SB 45	16x S 7	6	2	4	6x SSA 200
	Very large	> 500						2x S 26 act.	131 dB	135 dB	2x SB 45 heavy: 4x S 30	24x S 7	6	2	6	7x SSA 200
Three-way setup	Medium	100 - 300	21/69	16/53	6/20	14/46	128 dB	S 26 pas. + SL 30 act.	127 dB	131 dB	1x SB 45	12x S 7	6	1	3	5x SSA 200
	Large	300 - 500	30/99	13/43	9/30	20/66	131 dB	S 26 act. + SL 30 act.	129 dB	133 dB	2x S 30 heavy: 2x SB 45	16x S 7	9	2	4	8x SSA 200
	Very large	> 500						2x S 26 act. + 2x SL 30 act.	132 dB	136 dB	2x SB 45 heavy: 4x S 30	24x S 7	9	2	6	9x SSA 200
												24x S 7	9	4	6	10x SSA 200

All systems specified are to be seen as recommended estimates; No rights can be derived from this chart.

- Recommended system SPL for 105 dB peak level at 2/3 of distance/depth

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