## CEILING SPEAKER CALCULATOR WORKSHEET

STEP 1: Determine the Number of Ceiling Speakers

Calculate Separately for Each Room and each ceiling height



	CONTROL 24C (or 24CT) <u>Micro</u> Square Feet Per Speaker			CONTROL 24C (or 24CT) Square Feet Per Speaker			CONTROL 26C (or 26CT) Square Feet Per Speaker		
		Typical/	Excellent		Typical/	Excellent		Typical/	Excellent
Ceiling Height	Cost Effective	Recommended	coverage	Cost Effective	Recommended	coverage	Cost Effective	Recommended	coverage
	(7 dB variation)	(4.5 dB variation)	(2 dB variation)	(7 dB variation)	(4.5 dB variation)	(2 dB variation)	(7 dB variation)	(4.5 dB variation)	(2 dB variation)
$\checkmark$	Coverage	Coverage	Coverage	Coverage	Coverage	Coverage	Coverage	Coverage	Coverage
8 feet	256 sq ft.	128 sq ft.	64 sq ft.	160 sq ft.	80 sq ft.	40 sq ft.	140 sq ft.	70 sq ft.	35 sq ft
9 feet	420 sq ft.	210 sq ft.	105 sq ft.	260 sq ft.	130 sq ft.	65 sq ft.	220 sq ft.	110 sq ft.	55 sq ft
10 feet	600 sq ft.	300 sq ft.	150 sq ft.	380 sq ft.	190 sq ft.	95 sq ft.	320 sq ft.	160 sq ft.	80 sq ft
11 feet	840 sq ft.	420 sq ft.	210 sq ft.	520 sq ft.	260 sq ft.	130 sq ft.	440 sq ft.	220 sq ft.	110 sq ft
12 feet	not rec.	540 sq ft.	270 sq ft.	680 sq ft.	340 sq ft.	170 sq ft.	580 sq ft.	290 sq ft.	145 sq ft
13 feet	not rec.	680 sq ft.	340 sq ft.	not rec.	430 sq ft.	215 sq ft.	720 sq ft.	360 sq ft.	180 sq fi
14 feet		not recommended		not rec.	540 sq ft.	270 sq ft.	880 sq ft.	440 sq ft.	220 sq f
15 feet	not recommended				not recommended			530 sq ft.	265 sq f
16 feet	not recommended				not recommended			630 sq ft.	315 sq f
17 feet	not recommended				not recommended			740 sq ft.	370 sq f
18 feet	not recommended			not recommended			not rec.	860 sq ft.	430 sq f
19 feet	not recommended				not recommended			990 sq ft.	495 sq f
20 feet	not recommended Use this model for applications or locations where <b>low sound level</b> is acceptable. May require subwoofers forn full fidelity music.				not recommended			1130 sq ft.	565 sq ft
				Use this model for <b>medium sound levels</b> . Add subwoofers for increased bass and for maximum fidelity at medium-to-high sound levels.			Use this model for <b>medium-to-high sound</b> <b>levels</b> or for <b>high ceilings</b> . Add subwoofers for applications requiring very strong bass.		
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	24CT Micro speakers a	is requiring higher SPI o can deliver but requir as possible, use <u>Cont</u> higher output version	ing as few rol 24CT				backcans and	ns requiring pre-insta /or more tightly focus 26DT. Use 30% more indicated above.	sed coverage