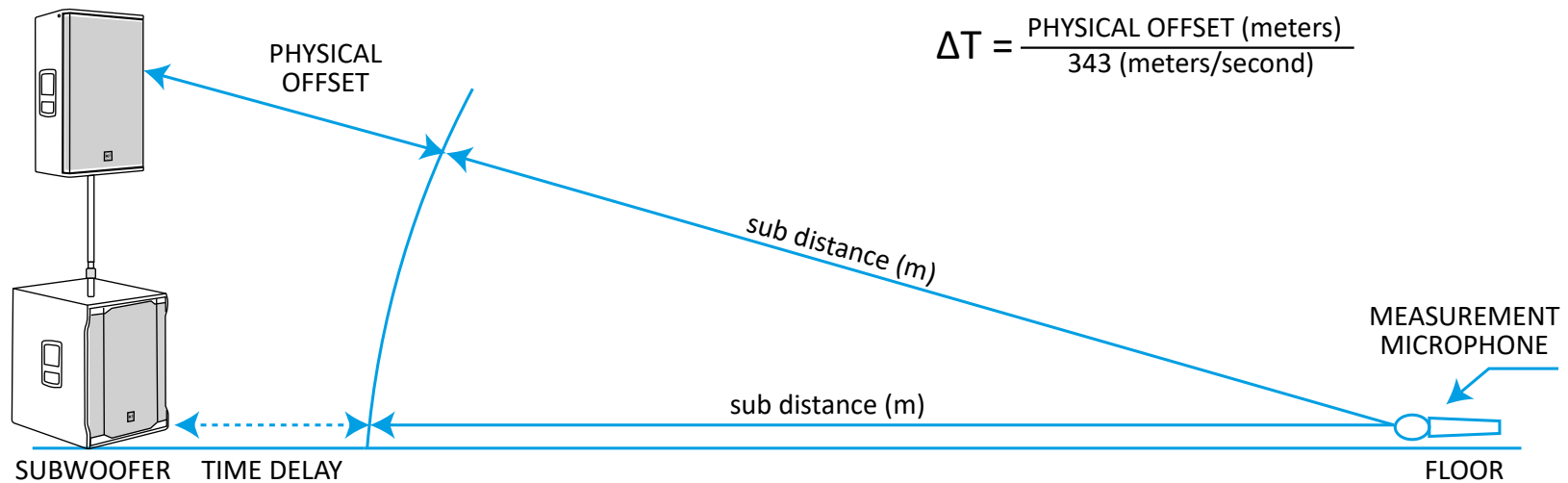


All RCF active speakers feature FiRPHASE processing for a 0° linear-phase response. This means that a perfect phase alignment with other RCF speakers and subwoofers only requires a simple time delay. Time delay is already available onboard RCF HDL and TT+ speakers. Systems without internal delay require an external capable device.

Insert the following pre-alignment values into your RCF speaker's back panel, RDNet manager or external delay device to provide perfect time alignment when paired with RCF subwoofers. For suspended speakers, add (or subtract) delay-values measuring the PHYSICAL OFFSET between the SPEAKER and the SUBWOOFER as in the following scheme:



# ART 735-A Mk5

## Subwoofer

Loudspeaker type	ART 735-A Mk5	SUB 705-AS II	SUB 708-AS II	SUB 905-A II	SUB 8003-AS II	SUB 705-AS Mk3	SUB 708-AS Mk3	SUB 905-A Mk3	SUB 8003-AS Mk3	SUB 8004-AS	SUB 8008-AS
Preset	Full Range	80Hz	80Hz	30 - 80Hz (L2)	30 - 80Hz (L2)	110Hz	80Hz	30 - 80Hz (L2)	30 - 80Hz (L2)	90Hz	30 - 100Hz (L2)
Polarity	[+] / 0°	[-] / 180°	[+] / 0°	[+] / 0°	[+] / 0°	[+] / 0°	[-] / 180°	[+] / 0°	[+] / 0°	[-] / 180°	[-] / 180°
Link or X-Over Output		X-Over Output	X-Over Output	X-Over Output	X-Over Output	X-Over Output	X-Over Output	X-Over Output	X-Over Output	X-Over Output	X-Over Output
Pre-alignment delay	0.0 m	0.0 ms   0.0 m									
	0.0 ms   0.0 m		0.0 ms   0.0 m								
	0.0 ms   0.0 m			7.0 ms   2.4 m							
	0.0 ms   0.0 m				3.8 ms   1.3 m						
	0.0 ms   0.0 m					0.0 ms   0.0 m					
	0.0 ms   0.0 m						0.0 ms				
	0.0 ms   0.0 m							6.0 ms   2.1 m			
	0.0 ms   0.0 m								4.8 ms   1.6 m		
	0.0 ms   0.0 m									6.4 ms   2.2 m	
	0.0 ms   0.0 m										9.8 ms   3.4 m

$\Delta T$  (ms) = Physical Offset (m) / 0.343 (m/ms)

∅ - polarity reverse [+] = 0° Phase [-] = 180° Phase

To convert milliseconds (ms) values in meters, multiply them by 0.343