



OBSESSED WITH HIGH RESOLUTION

Architectural Speakers specifications sheet

Extreme Theatre Tall Rectangle



Model	Ci5160REF-THX	Ci3160REF-THX[#]	Ci5160RL-THX	Ci3160RL-THX	Ci4100QL-THX	
Series	Reference Series	Reference Series	R Series	R Series	Q Series	
Nominal impedance	4Ω	4Ω	4Ω	4Ω	4Ω	
Sensitivity (2.83V/1m)	90dB	90dB	90dB	90dB	89dB	
Frequency response (±6dB) open-backed	40Hz - 28kHz	40Hz - 28kHz	40Hz - 28kHz	45Hz - 28kHz	55Hz - 28kHz	
Frequency range (-10dB)	35Hz - 45kHz	32Hz - 30kHz	35Hz - 45kHz	35Hz - 45kHz	40Hz - 30kHz	
Nominal coverage (degrees)	150°	115°	150°	150°	150°	
Max SPL (dB)	116dB	110dB	111dB	106dB	104dB	
Crossover frequency	400Hz, 2.8kHz	350Hz, 2.7kHz	300Hz, 2.4kHz	340Hz, 2.5kHz	2.2kHz	
Drive units	LF	4 x 160 mm (6.5 in.)	2 x 160 mm (6.5 in.)	4 x 160 mm (6.5 in.)	2 x 160 mm (6.5 in.)	3 x 100 mm (4 in.)
	MF	125 mm (5.25 in.) Uni-Q	125 mm (5.25 in.) Uni-Q	160 mm (6.5 in.) Uni-Q	160 mm (6.5 in.) Uni-Q	100 mm (4 in.) Uni-Q
	HF	25 mm (1 in.)	25 mm (1 in.)	25 mm (1 in.)	25 mm (1 in.)	19 mm (0.75 in.)
Recommended amplifier power	40 - 500 W	40 - 350 W	40 - 250 W	30 - 180 W	10 - 150 W	
Recommended high-pass filter (Hz)	35Hz - 80Hz*	40Hz	40Hz - 80Hz*	40Hz - 80Hz*	55Hz	
Product external dimensions (H x W x D)	1070 x 230 x 105.7 mm (42.13 x 9.06 x 4.16 in.)	680 x 230 x 105.7 mm (26.77 x 9.06 x 4.16 in.)	1070 x 230 x 105.7 mm (42.13 x 9.06 x 4.16 in.)	680 x 230 x 105.7 mm (26.77 x 9.06 x 4.16 in.)	490 x 128 x 81 mm (19.29 x 5.04 x 3.19 in.)	
Cut-out dimensions (H x W)	1052 x 209 mm (41.42 x 8.23 in.)	660 x 209 mm (25.98 x 8.23 in.)	1052 x 209 mm (41.42 x 8.23 in.)	660 x 209 mm (25.98 x 8.23 in.)	476 x 114 mm (18.74 x 4.49 in.)	
Net weight	22.0 kg (48.5 lbs.)	13.4 Kg	19 kg (41.89 lbs)	11.7 kg (25.79 lbs)	3 kg (6.61 lbs)	
Mounting depth from surface	99 mm (3.9 in.)	99 mm (3.9 in.)	99 mm (3.9 in.)	99 mm (3.9 in.)	76 mm (3 in.)	
Mounting thickness (Max.)	40 mm (1.58 in.)	40 mm (1.58 in.)	40 mm (1.58 in.)	40 mm (1.58 in.)	24 mm (0.95 in.)	
Mounting thickness (Min.)	6 mm (0.24 in.)	6 mm (0.24 in.)	6 mm (0.24 in.)	6 mm (0.24 in.)	6 mm (0.24 in.)	
Optional rough in frame	RIF5160L	RIF3160L	RIF5160L	RIF3160L	RIF4100L	
Ideal Rear Volume (L)	90L	60L	90L	60L	15L	
Minimum Rear Volume (L)	40L	30L	40L	30L	7L	
Certification	THX ULTRA	THX ULTRA	THX ULTRA	THX ULTRA	THX SELECT, IP64	

* Recommended high-pass filter for THX spec: 80Hz

For optimized performance, THX recommends using the Ci3160REF-THX without grille or fabric grille.



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Architectural Speakers specifications sheet

Extreme Theatre Round / Square



Model		Ci200RR-THX	Ci160RR-THX[#]	Ci200RS-THX
Series		R Series	R Series	R Series
Nominal impedance		4Ω	4Ω	4Ω
Sensitivity (2.83V/1m)		90dB	90dB	90dB
Frequency response (±6dB) open-backed		33Hz - 28kHz	52Hz - 24kHz	33Hz - 28kHz
Frequency range (-10dB)		28Hz - 45kHz	38Hz - 30kHz	28Hz - 35kHz
Nominal coverage (degrees)		120°	130°	120°
Max SPL (dB)		106dB	105dB	106dB
Crossover frequency		2.2kHz	2.1kHz	2.2kHz
Drive units	LF	200 mm (8 in.) Uni-Q	165 mm (6.5 in.) Uni-Q	200 mm (8 in.) Uni-Q
	HF	38 mm (1.5 in.)	25 mm (1 in.)	38 mm (1.5 in.)
Recommended amplifier power		10 - 190 W	10 - 190 W	10 - 190 W
Recommended high-pass filter (Hz)		35Hz - 80Hz*	38Hz	35Hz - 80Hz*
Product external dimensions	(H x W x D)	-	-	273 x 273 x 132.6 mm (10.75 x 10.75 x 5.22 in.)
	Diameter Ø	290 mm (11.42 in.)	234.6 mm (9.24 in.)	-
	Depth	132.6 mm (5.22 in.)	115 mm (4.53 in.)	-
Cut-out dimensions	(H x W)	-	-	240 x 240 mm (9.45 x 9.45 in.)
	Diameter Ø	238 mm (9.37 in.)	196 mm (7.71 in.)	-
Net weight		3.6 kg (7.94 lbs.)	2.94 kg (6.48 lbs.)	3.6 kg (7.94 lbs.)
Mounting depth from surface		126.5 mm (4.98 in.)	110 mm (4.33 in.)	127 mm (5 in.)
Mounting thickness (Max.)		37 mm (1.46 in.)	37 mm (1.46 in.)	37 mm (1.46 in.)
Mounting thickness (Min.)		6 mm (0.24 in.)	5 mm (0.2 in.)	6 mm (0.24 in.)
Optional rough in frame		RIF200R	RIF160R	RIF200S
Ideal Rear Volume (L)		20L	20L	20L
Minimum Rear Volume (L)		10L	10L	10L
Certification		THX ULTRA, IP64	THX ULTRA, IP64	THX ULTRA, IP64

* Recommended high-pass filter for THX spec: 80Hz

[#] To meet THX Ultra distortion specifications, install with 3 litre rear enclosure and set the A/V processor speaker size to small

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Architectural Speakers specifications sheet

Subwoofer



Model	Ci3160RLb-THX	Ci200Qsb-THX Passive Mode (Crossover "ON")	Ci200Qsb-THX Active Mode (KASA500)
Series	R Series	Q Series	Q Series
Nominal impedance	4Ω	6Ω	-
Sensitivity (2.83V/1m)	92dB	85dB	-
Frequency response (±6dB) open-backed	20Hz - 140Hz	40Hz - 100Hz	30Hz - 140Hz
Frequency range (-10dB)	25Hz - KASA setting	29Hz - 140Hz	25Hz - KASA setting
Max SPL (dB)	112dB	104dB	104dB
Crossover frequency	-	100Hz	-
Drive units L F	3 x 160 mm (6.5 in.)	200 mm (8 in.)	200 mm (8 in.)
Required amplifier	KEF KASA500	-	KEF KASA500
Recommended amplifier power	-	10 - 150 W	-
Recommended high-pass filter (Hz)	25Hz - 80Hz*	-	KASA
Recommended low-pass filter (Hz)	50Hz - 120kHz	80Hz - 120Hz	50Hz - 120Hz
Product external dimensions (H x W x D)	680 x 230 x 96 mm (26.77 x 9.06 x 3.78 in.)	273 x 273 x 106 mm (10.75 x 10.75 x 4.17 in.)	273 x 273 x 106 mm (10.75 x 10.75 x 4.17 in.)
Cut-out dimensions (H x W)	660 x 209 mm (25.98 x 8.23 in.)	238 x 238 mm (9.37 x 9.37 in.)	238 x 238 mm (9.37 x 9.37 in.)
Net weight	10.9 kg (24.1 lbs)	3.3 kg (7.28 lbs)	3.3 kg (7.28 lbs)
Mounting depth from surface	88.5 mm (3.84 in.)	101.6 mm (4 in.)	101.6 mm (4 in.)
Mounting thickness (Max.)	40 mm (1.58 in.)	40 mm (1.58 in.)	40 mm (1.58 in.)
Mounting thickness (Min.)	6 mm (0.24 in.)	6 mm (0.24 in.)	6 mm (0.24 in.)
Optional rough in frame	RIF3160L	RIF200S	RIF200S
Ideal Rear Volume (L)	80L	32L [#]	32L [#]
Minimum Rear Volume (L)	40L	20L	20L
Certification	THX ULTRA, THX SELECT	THX ULTRA, THX SELECT, IP64	THX ULTRA, THX SELECT, IP64

* Recommended high-pass filter for THX spec: 80Hz

[#]For single speaker only. Double volume for pair speakers.



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Architectural Speakers specifications sheet

Subwoofer



Model		Ci200TRb Passive Mode	Ci200TRb Active Mode (KASA500)
Series		T Series	T Series
Nominal impedance stereo mode		2 x 8Ω	2 x 8Ω
Nominal impedance mono mode		16Ω	16Ω
Sensitivity (2.83V/1m)		87dB	87dB
Frequency response (±6dB) open-backed		42Hz - 120Hz	32Hz - 120Hz
Frequency range (-10dB)		38Hz - 140Hz	25Hz - KASA setting
Max SPL (dB)		109dB	109dB
Drive units	LF	200 mm (8 in.)	200 mm (8 in.)
Required amplifier		-	KEF KASA500
Recommended amplifier power		10 - 125 W	-
Recommended low-pass filter (Hz)		80Hz - 120Hz	60Hz - 120Hz
Product external dimensions	Diameter Ø	290 mm (11.42 in.)	290 mm (11.42 in.)
	Depth	63 mm (2.48 in.)	63 mm (2.48 in.)
Cut-out dimensions	Diameter Ø	240 mm (9.45 in.)	240 mm (9.45 in.)
Net weight		1.7 kg (3.75 lbs)	1.7 kg (3.75 lbs)
Mounting depth from surface		59 mm (2.32 in.)	59 mm (2.32 in.)
Mounting thickness (Max.)		26 mm (1.03 in.)	26 mm (1.03 in.)
Mounting thickness (Min.)		4 mm (0.16 in.)	4 mm (0.16 in.)
Optional rough in frame		RIF200R	RIF200R
Optional rear enclosure		RNC200R	RNC200R
Ideal Rear Volume (L)		60L	60L
Minimum Rear Volume (L)		35L	35L
Certification		IP64	IP64



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Architectural Speakers specifications sheet

Rectangle



Model	Ci200QL	Ci160QL	Ci160.2CL
Series	Q Series	Q Series	C Series
Nominal impedance	8Ω	8Ω	8Ω
Sensitivity (2.83V/1m)	90dB	89dB	89dB
Frequency response (±6dB) open-backed	35Hz - 34kHz	38Hz - 34kHz	52Hz - 20kHz
Frequency range (-10dB)	32Hz - 30kHz	32Hz - 30kHz	47Hz - 45kHz
Nominal coverage (degrees)	115°	125°	120°
Max SPL (dB)	107dB	105dB	104dB
Crossover frequency	2.5kHz	3.0kHz	2.5kHz
Drive units			
LF	200 mm (8 in.) Uni-Q	160 mm (6.5 in.) Uni-Q	160 mm (6.5 in.) Uni-Q
HF	25 mm (1 in.)	19 mm (0.75 in.)	16 mm (0.6 in.)
Recommended amplifier power	10 - 150 W	10 - 125 W	10 - 100 W
Recommended high-pass filter (Hz)	40Hz	45Hz	50Hz
Product external dimensions (H x W x D)	369 x 273 x 106 mm (14.53 x 10.75 x 4.17 in.)	303 x 223 x 97.5 mm (11.93 x 8.78 x 3.84 in.)	303 x 223 x 91 mm (11.93 x 8.78 x 3.58 in.)
Cut-out dimensions (H x W)	334 x 238 mm (13.15 x 9.37 in.)	274 x 194 mm (10.79 x 7.64 in.)	274 x 194 mm (10.79 x 7.64 in.)
Net weight	2.6 kg (5.77 lbs)	2.05 kg (4.51 lbs)	1.87 kg (4.12 lbs)
Mounting depth from surface	99.8 mm (3.93 in.)	91 mm (3.58 in.)	84.5 mm (3.33 in.)
Mounting thickness (Max.)	37 mm (1.46 in.)	30 mm (1.19 in.)	30 mm (1.19 in.)
Mounting thickness (Min.)	6 mm (0.24 in.)	3 mm (0.12 in.)	3 mm (0.12 in.)
Optional rough in frame	RIF200L	RIF160L	RIF160L
Optional rear enclosure	RNC200L	RNC160L	RNC160L
Ideal Rear Volume (L)	60L	25L	35L
Minimum Rear Volume (L)	35L	15L	20L
Certification	IP64	IP64	IP64



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Square



Model	Ci200QS	Ci160QS	Ci130QS	Ci100QS
Series	Q Series	Q Series	Q Series	Soundlight / Q Series
Nominal impedance	8Ω	8Ω	8Ω	4Ω
Sensitivity (2.83V/1m)	90dB	89dB	87dB	88dB
Frequency response (±6dB) open-backed	35Hz - 34kHz	38Hz - 34kHz	45Hz - 34kHz	80Hz - 27kHz
Frequency range (-10dB)	32Hz - 30kHz	32Hz - 30kHz	38Hz - 30kHz	53Hz - 25kHz
Nominal coverage (degrees)	115°	125°	130°	150°
Max SPL (dB)	107dB	105dB	103dB	103dB
Crossover frequency	2.5kHz	3.0kHz	3.8kHz	3kHz
Drive units				
LF	200 mm (8 in.) Uni-Q	160 mm (6.5 in.) Uni-Q	130 mm (5.25 in.) Uni-Q	100 mm (4 in.) Uni-Q
HF	25 mm (1 in.)	19 mm (0.75 in.)	19 mm (0.75 in.)	19 mm (0.75 in.)
Recommended amplifier power	10 - 150 W	10 - 125 W	10 - 100 W	10 - 50 W
Recommended high-pass filter (Hz)	40Hz	45Hz	50Hz	60Hz
Product external dimensions (H x W x D)	273 x 273 x 106 mm (10.75 x 10.75 x 4.17 in.)	223 x 223 x 97 mm (8.78 x 8.78 x 3.82 in.)	184 x 184 x 84 mm (7.24 x 7.24 x 3.31 in.)	127 x 127 x 76 mm (5.0 x 5.0 x 2.99 in.)
Cut-out dimensions (H x W)	238 x 238 mm (9.37 x 9.37 in.)	194 x 194 mm (7.64 x 7.64 in.)	158 x 158 mm (6.22 x 6.22 in.)	112 x 112 mm (4.41 x 4.41 in.)
Net weight	2.4 kg (5.3 lbs)	1.88 kg (4.14 lbs)	1.4 kg (3.1 lbs)	0.67 kg (1.48 lbs)
Mounting depth from surface	99.8 mm (3.93 in.)	91 mm (3.58 in.)	77.9 mm (3.07 in.)	72 mm (2.83 in.)
Mounting thickness (Max.)	38 mm (1.50 in.)	30 mm (1.19 in.)	24 mm (0.95 in.)	24 mm (0.95 in.)
Mounting thickness (Min.)	7 mm (0.28 in.)	3 mm (0.12 in.)	6 mm (0.24 in.)	6 mm (0.24 in.)
Optional rough in frame	RIF200S	RIF160S	RIF130S	RIF100S
Optional rear enclosure	RNC200S	RNC160S	RNC130S	RNC100S
Ideal Rear Volume (L)	60L	25L	15L	6L
Minimum Rear Volume (L)	35L	15L	10L	2.5L
Certification	IP64	IP64	IP64	IP64



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Architectural Speakers specifications sheet

Square



Model	Ci160.2CS	Ci130.2CS	Ci160CSds	Ci160TS	
Series	C Series	C Series	C Series	T Series	
Nominal impedance	8Ω	8Ω	8Ω	8Ω	
Sensitivity (2.83V/1m)	89dB	87dB	91dB	87dB	
Frequency response (±6dB) open-backed	52Hz - 20kHz	52Hz - 20kHz	50Hz - 20kHz	110Hz - 24kHz	
Frequency range (-10dB)	47Hz - 45kHz	45Hz - 45kHz	45Hz - 30kHz	69Hz - 45kHz	
Nominal coverage (degrees)	120°	140°	120°	160°	
Max SPL (dB)	104dB	102dB	106dB	101dB	
Crossover frequency	2.8kHz	2.8kHz	3.2kHz	1.7kHz	
Drive units	LF	160 mm (6.5 in.) Uni-Q	130 mm (5.25 in.) Uni-Q	160 mm (6.5 in.) Dual voice coil	115 mm (4.5 in.) Dual layer
	HF	16 mm (0.6 in.)	16 mm (0.6 in.)	2 x 19 mm (0.75 in.)	25 mm (1 in.)
Recommended amplifier power	10 - 100 W	10 - 80 W	10 - 80 W	10 - 100 W	
Recommended high-pass filter (Hz)	50Hz	55Hz	50Hz	70Hz	
Product external dimensions (H x W x D)	223 x 223 x 90.5 mm (8.78 x 8.78 x 3.56 in.)	184 x 184 x 83 mm (7.24 x 7.24 x 3.27 in.)	223 x 223 x 90.5 mm (8.78 x 8.78 x 3.56 in.)	222.8 x 222.8 x 41 mm (8.77 x 8.77 x 1.61 in.)	
Cut-out dimensions (H x W)	194 x 194 mm (7.64 x 7.64 in.)	158 x 158 mm (6.22 x 6.22 in.)	194 x 194 mm (7.64 x 7.64 in.)	194 x 194 mm (7.64 x 7.64 in.)	
Net weight	1.70 kg (3.74 lbs)	1.35 kg (3.0 lbs)	1.80 kg (4.0 lbs)	1.05 kg (2.31 lbs)	
Mounting depth from surface	84.5 mm (3.33 in.)	77.1 mm (3.03 in.)	84.5 mm (3.33 in.)	<36 mm (1.42 in.)	
Mounting thickness (Max.)	30 mm (1.19 in.)	24 mm (0.95 in.)	30 mm (1.19 in.)	26 mm (1.03 in.)	
Mounting thickness (Min.)	3 mm (0.12 in.)	6 mm (0.24 in.)	3 mm (0.12 in.)	9 mm (0.36 in.)	
Optional rough in frame	RIF160S	RIF130S	RIF160S	RIF160S	
Optional rear enclosure	RNC160S	RNC130S	RNC160S	RNC160S	
Ideal Rear Volume (L)	35L	20L	35L	3L	
Minimum Rear Volume (L)	20L	12L	20L	1L	
Certification	IP64	IP64	IP64	IP64	



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Round



Model		Ci200QR	Ci160QR	Ci130QR
Series		Q Series	Q Series	Q Series
Nominal impedance		8Ω	8Ω	8Ω
Sensitivity (2.83V/1m)		90dB	89dB	87dB
Frequency response (±6dB) open-backed		35Hz - 34kHz	38Hz - 34kHz	45Hz - 34kHz
Frequency range (-10dB)		32Hz - 30kHz	32Hz - 30kHz	38Hz - 30kHz
Nominal coverage (degrees)		115°	125°	130°
Max SPL (dB)		107dB	105dB	103dB
Crossover frequency		2.2kHz	3.0kHz	3.8kHz
Drive units	LF	200 mm (8.0 in.) Uni-Q	160 mm (6.5 in.) Uni-Q	130 mm (5.25 in.) Uni-Q
	HF	25 mm (1 in.)	19 mm (0.75 in.)	19 mm (0.75 in.)
Recommended amplifier power		10 - 150 W	10 - 125 W	10 - 100 W
Recommended high-pass filter (Hz)		40Hz	45Hz	50Hz
Product external dimensions	Diameter Ø	289.6 mm (11.4 in.)	234.6 mm (9.24 in.)	193.4 mm (7.61 in.)
	Depth	109.8 mm (4.32 in.)	98 mm (3.86 in.)	83.3 mm (3.28 in.)
Cut-out dimensions	Diameter Ø	240 mm (9.45 in.)	196 mm (7.71 in.)	158 mm (6.22 in.)
Net weight		2.4 kg (5.28 lbs)	1.8 kg (3.96 lbs)	1.35 kg (2.97 lbs)
Mounting depth from surface		103.3 mm (4.07 in.)	91 mm (3.58 in.)	77.8 mm (3.06 in.)
Mounting thickness (Max.)		37 mm (1.46 in.)	36 mm (1.42 in.)	33 mm (1.30 in.)
Mounting thickness (Min.)		6 mm (0.24 in.)	6 mm (0.24 in.)	6 mm (0.24 in.)
Optional rough in frame		RIF200R	RIF160R	RIF130R
Optional rear enclosure		RNC200R	RNC160R	RNC130R
Ideal Rear Volume (L)		60L	25L	15L
Minimum Rear Volume (L)		35L	15L	10L
Certification		IP64	IP64	IP64

Round



Model		Ci200.2CR	Ci160.2CR	Ci130.2CR	Ci160CRds
Series		C Series	C Series	C Series	C Series
Nominal impedance		8Ω	8Ω	8Ω	8Ω
Sensitivity (2.83V/1m)		90dB	89dB	87dB	91dB
Frequency response (±6dB) open-backed		45Hz - 20kHz	52Hz - 20kHz	52Hz - 20kHz	50Hz - 20kHz
Frequency range (-10dB)		35Hz - 45kHz	47Hz - 45kHz	45Hz - 45kHz	45Hz - 30kHz
Nominal coverage (degrees)		115°	120°	140°	120°
Max SPL (dB)		106dB	104dB	102dB	106dB
Crossover frequency		2.4kHz	2.8kHz	2.8kHz	3.2kHz
Drive units	LF	200 mm (8 in.) Uni-Q	160 mm (6.5 in.) Uni-Q	130 mm (5.25 in.) Uni-Q	160 mm (6.5 in.) Dual voice coil
	HF	16 mm (0.6 in.)	16 mm (0.6 in.)	16 mm (0.6 in.)	2 x 19 mm (0.75 in.)
Recommended amplifier power		10 - 125 W	10 - 100 W	10 - 80 W	10 - 80 W
Recommended high-pass filter (Hz)		40Hz	50Hz	55Hz	50Hz
Product external dimensions	Diameter Ø	289.6 mm (11.4 in.)	234.6 mm (9.24 in.)	193.4 mm (7.61 in.)	234.6 mm (9.24 in.)
	Depth	103.3 mm (4.07 in.)	88.7 mm (3.49 in.)	81 mm (3.19 in.)	93 mm (3.66 in.)
Cut-out dimensions	Diameter Ø	240 mm (9.45 in.)	196 mm (7.71 in.)	158 mm (6.22 in.)	196 mm (7.71 in.)
Net weight		1.6 kg (3.6 lbs)	1.4 kg (3.1 lbs)	1.2 kg (2.7 lbs)	1.80 kg (4.0 lbs.)
Mounting depth from surface		97.2 mm (3.83 in.)	85.2 mm (3.35 in.)	77.5 mm (3.05 in.)	86 mm (3.36 in.)
Mounting thickness (Max.)		-	-	-	36 mm (1.42 in.)
Mounting thickness (Min.)		-	-	-	6 mm (0.24 in.)
Optional rough in frame		RIF200R	RIF160R	RIF130R	RIF160R
Optional rear enclosure		RNC200R	RNC160R	RNC130R	RNC160R
Ideal Rear Volume (L)		60L	35L	20L	35L
Minimum Rear Volume (L)		30L	20L	12L	20L
Certification		IP64	IP64	IP64	IP64



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Round



Model		Ci200ER	Ci160ER	Ci130ER	Ci160TR
Series		E Series	E Series	E Series	T Series
Nominal impedance		8Ω	8Ω	8Ω	8Ω
Sensitivity (2.83V/1m)		90dB	89dB	87dB	87dB
Frequency response (±6dB) open-backed		45Hz - 20kHz	52Hz - 20kHz	52Hz - 20kHz	110Hz - 24kHz
Frequency range (-10dB)		38Hz - 45kHz	46Hz - 45kHz	44Hz - 45kHz	69Hz - 45kHz
Nominal coverage (degrees)		100°	110°	135°	160°
Max SPL (dB)		106dB	104dB	102dB	101dB
Crossover frequency		2.8kHz	2.8kHz	2.8kHz	1.7kHz
Drive units	LF	200 mm (8 in.) Uni-Q	160 mm (6.5 in.) Uni-Q	130 mm (5.25 in.) Uni-Q	115 mm (4.5 in.) dual layer
	HF	16 mm (0.6 in.)	16 mm (0.6 in.)	16 mm (0.6 in.)	25 mm (1 in.)
Recommended amplifier power		10 - 125 W	10 - 100 W	10 - 80 W	10 - 100 W
Recommended high-pass filter (Hz)		40Hz	50Hz	55Hz	70Hz
Product external dimensions	Diameter Ø	289.6 mm (11.4 in.)	234.6 mm (9.24 in.)	193.4 mm (7.61 in.)	234.6 mm (9.24 in.)
	Depth	103.3 mm (4.07 in.)	88.7 mm (3.49 in.)	81 mm (3.19 in.)	40 mm (1.57 in.)
Cut-out dimensions	Diameter Ø	240 mm (9.45 in.)	196 mm (7.71 in.)	158 mm (6.22 in.)	196 mm (7.71 in.)
Net weight		1.6 kg (3.6 lbs)	1.4 kg (3.1 lbs)	1.2 kg (2.7 lbs)	1 kg (2.2 lbs.)
Mounting depth from surface		97.2 mm (3.83 in.)	85.2 mm (3.35 in.)	77.5 mm (3.05 in.)	<36 mm (1.42 in.)
Mounting thickness (Max.)		37 mm (1.46 in.)	36 mm (1.42 in.)	33 mm (1.30 in.)	26 mm (1.03 in.)
Mounting thickness (Min.)		6 mm (0.24in.)	6 mm (0.24 in.)	6 mm (0.24 in.)	9 mm (0.36 in.)
Optional rough in frame		RIF200R	RIF160R	RIF130R	RIF160R
Optional rear enclosure		RNC200R	RNC160R	RNC130R	RNC160R
Ideal Rear Volume (L)		60L	35L	20L	3L
Minimum Rear Volume (L)		30L	20L	12L	1L
Certification		IP64	IP64	IP64	IP64



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Architectural Speakers specifications sheet

Flush Mount Round / Square



Model		Ci130QRfl	Ci130QSfl
Series		FL Series	FL Series
Nominal impedance		8Ω	8Ω
Sensitivity (2.83V/1m)		87dB	87dB
Frequency response (±6dB) open-backed		45Hz - 34kHz	45Hz - 34kHz
Frequency range (-10dB)		38Hz - 30kHz	38Hz - 30kHz
Nominal coverage (degrees)		130°	130°
Max SPL (dB)		103dB	103dB
Crossover frequency		3.8kHz	3.8kHz
Drive units	LF	130 mm (5.25 in.) Uni-Q	130 mm (5.25 in.) Uni-Q
	HF	19 mm (0.75 in.)	19 mm (0.75 in.)
Recommended amplifier power		10 - 100 W	10 - 100 W
Recommended high-pass filter (Hz)		50Hz	50Hz
Product external dimensions	(H x W x D)	-	200.5 x 200.5 x 103.6 mm (7.9 x 7.9 x 4.08 in.)
	Diameter Ø	200.6 mm (7.9 in.)	-
	Depth	104.6 mm (4.12 in.)	-
Cut-out dimensions	(H x W)	-	158 x 158 mm (6.22 x 6.22 in.)
	Diameter Ø	158 mm (6.22 in.)	-
Net weight		1.45 kg	1.6 kg
Mounting depth from surface		101 mm (3.98 in.)	101 mm (3.98 in.)
Mounting thickness (Max.)		35 mm (1.38 in.)	35 mm (1.38 in.)
Mounting thickness (Min.)		9 mm (0.36 in.)	9 mm (0.36 in.)
Optional rough in frame		NA	NA
Ideal Rear Volume (L)		15L	15L
Minimum Rear Volume (L)		10L	10L
Certification		NA	NA



OBSESSED WITH HIGH RESOLUTION

Architectural Speakers specifications sheet

Soundlight



Model		Ci100.2QR	Ci50R
Series		Soundlight / Q Series	Soundlight / C Series
Nominal impedance		4Ω	6Ω
Sensitivity (2.83V/1m)		83dB	82dB
Frequency response (±6dB) open-backed		90Hz - 27kHz	125Hz - 20kHz
Frequency response (±6dB) with back can / rear enclosure		130Hz - 27kHz	170Hz - 20kHz
Frequency range (-10dB)		70Hz - 40kHz	122Hz - 25kHz
Nominal coverage (degrees)		150°	165°
Max SPL (dB)		99dB	94dB
Crossover frequency		3.5kHz	-
Drive units	LF	75 mm (3.15 in.) Uni-Q	-
	MF	-	50 mm (2.0 in.)
	HF	16 mm (0.6 in.)	-
Recommended amplifier power		10 - 50 W	10 - 30 W
Recommended high-pass filter (Hz)		80Hz	130Hz
Product external dimensions	Diameter Ø	135.6 mm (5.34 in.)	80 mm (3.15 in.)
	Depth	107.5 mm (4.23 in.)	94.5 mm (3.72 in.)
Cut-out dimensions	Diameter Ø	118.0 mm (4.65 in.)	65 mm (2.56 in.)
Net weight		0.50 kg (1.10 lbs)	0.135 kg (0.31 lbs)
Mounting depth from surface	With back can	103.1 mm (4.06 in.)	90 mm (3.54 in.)
	Without back can	52 mm (2 in.)	50 mm (1.97 in.)
Mounting thickness (Max.)		22 mm (0.87 in.)	20 mm (0.79 in.)
Mounting thickness (Min.)		6 mm (0.24 in.)	6 mm (0.24 in.)
Optional rough in frame		RIF100R	-
Optional rear enclosure		RNC100R	CI50 CAN
Ideal Rear Volume (L)		5L	3L
Minimum Rear Volume (L)		0.75L	0.5L
Certification		IP64	IP64



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Architectural Speakers specifications sheet

Commercial Round



Model		Ci115QCT**	Ci110FCT**	Ci160ST**
Series		Q Series	Classic Series	Classic Series
Nominal impedance		8Ω	8Ω	4Ω
Sensitivity (2.83V/1m)		86dB	89dB	85dB
Frequency response (±6dB) with back can / rear enclosure		70Hz - 20kHz	110Hz - 18kHz	60Hz - 130Hz
Frequency range (-10dB)		81Hz - 30kHz	105Hz - 30kHz	65Hz - 300Hz
Nominal coverage (degrees)		160°	170°	-
Max SPL (dB)		95dB	98dB	97dB
Crossover frequency		2.3kHz	-	-
Drive units	LF	115 mm (4.5 in.) Uni-Q	110 mm (4.3 in.)	160 mm (6.5 in.)
	HF	19 mm (0.75 in.)	-	-
Recommended amplifier power		15 - 80 W	10 - 100 W	20 - 100 W
Recommended high-pass filter (Hz)		85Hz	110Hz	-
Recommended low-pass filter (Hz)		-	-	100 - 200Hz
Transformer taps		70V: 4W, 8W, 15W, 30W 100V: 8W, 15W, 30W	70V: 4W, 8W, 15W, 30W 100V: 8W, 15W, 30W	70V: 7.5W, 15W, 30W, 60W 100V: 15W, 30W, 60W
Product external dimensions	Diameter Ø	220 mm (8.66 in.)	220 mm (8.66 in.)	275 mm (10.83 in.)
	Depth	160 mm (6.03 in.)	110 mm (4.33 in.)	188 mm (7.40 in.)
Cut-out dimensions	Diameter Ø	196 mm (7.71 in.)	196 mm (7.71 in.)	240 mm (9.45 in.)
Net weight		2.7 kg (5.94 lbs)	2.25 kg (4.95 lbs)	3.4 kg (7.48 lbs)
Mounting depth from surface		157 mm (6.18 in.)	107 mm (4.21 in.)	185 mm (7.28 in.)
Mounting thickness (Max.)		33 mm (1.30 in.)	33 mm (1.30 in.)	38 mm (1.50 in.)
Mounting thickness (Min.)		4 mm (0.16 in.)	4 mm (0.16 in.)	7 mm (0.28 in.)
Optional rough in frame		RIF160R	RIF160R	RIF200R
Ideal Rear Volume (L)		6L	5L	20L
Minimum Rear Volume (L)		1.5L	1L	3L
Certification		UL2043 UL1480-5	UL2043 UL1480-5	UL2043 UL1480-5

** UL2043 and UL1480-5 approved



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Architectural Speakers specifications sheet

Motorised



Model	Ci3-80QT	
Series	Q Series	
Nominal impedance	8Ω	
Sensitivity (2.83V/1m)	87dB	
Frequency response (±6dB) with back can/ rear enclosure	87Hz - 30kHz	
Frequency range (-10dB)	94Hz - 35kHz	
Nominal coverage (degrees)	170°	
Max SPL (dB)	102dB	
Crossover frequency	300Hz, 3kHz	
Drive units	LF	2 x 75 mm (3.0 in.)
	MF	75 mm (3.0 in.) Uni-Q
	HF	15 mm (0.6 in.)
Recommended amplifier power	10 - 100 W	
Recommended high-pass filter (Hz)	100Hz	
Product external dimensions (H x W x D)	128 x 377 x 125 mm (5.04 x 14.84 x 4.92 in.)	
Cut-out dimensions (H x W)	112 x 354 mm (4.41 x 13.94 in.)	
Net weight	3.3 kg (7.26 lbs)	
Mounting depth from surface without back can	120 mm (4.72 in.)	
Mounting thickness (Max.)	20 mm (0.79 in.)	
Mounting thickness (Min.)	6 mm (0.24 in.)	



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Architectural Speakers specifications sheet

Outdoor



Model		Ventura 6	Ventura 5	Ventura 5T	Ventura 4
Series		Ventura	Ventura	Ventura	Ventura
Nominal impedance		6Ω	6Ω	6Ω	6Ω
Sensitivity (2.83V/1m)		90dB	89dB	89dB	88dB
Frequency response (±6dB) with back can / rear enclosure		68Hz - 20kHz	74Hz - 20kHz	74Hz - 20kHz	85Hz - 20kHz
Frequency range (-10dB)		54Hz - 25kHz	58Hz - 25kHz	58Hz - 25kHz	65Hz - 25kHz
Nominal coverage (degrees)		112°	125°	125°	120°
Max SPL (dB)		105dB	103dB	103dB	101dB
Crossover frequency		3kHz	3.8kHz	3.8kHz	3.5kHz
Drive units	LF	160 mm (6.5 in.)	130 mm (5.25 in.)	130 mm (5.25 in.)	115 mm (4.5 in.)
	HF	25 mm (1 in.)	25 mm (1 in.)	25 mm (1 in.)	19 mm (0.75 in.)
Recommended amplifier power		10 - 125 W	10 - 100 W	10 - 100 W	10 - 80 W
Recommended high-pass filter (Hz)		50Hz	60Hz	60Hz	80Hz
Transformer taps		-	-	70V: 3.75W, 7.5W, 15W, 30W 100V: 7.5W, 15W, 30W, 60W	-
Product external dimensions (H x W x D)	Cabinet only	300 x 226 x 219 mm (11.8 x 9 x 8.6 in.)	262 x 197 x 189 mm (10.3 x 7.75 x 7.4 in.)	262 x 197 x 189 mm (10.3 x 7.75 x 7.4 in.)	231 x 172 x 173 mm (9 x 6.75 x 6.8 in.)
	With bracket and knobs	300 x 226 x 263.5 mm (11.8 x 9 x 10.38 in.)	262 x 197 x 235 mm (10.3 x 7.75 x 9.25 in.)	262 x 197 x 235 mm (10.3 x 7.75 x 9.25 in.)	235 x 172 x 203.2 mm (9.25 x 6.75 x 8 in.)
Net weight		3.8 kg (8.4 lbs)	2.85 kg (6.28 lbs)	3.3 kg (7.25 lbs)	2.4 kg (5.3 lbs)
Operating temperature range		-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)
Certification		IP65	IP65	IP65	IP65