ARCHITECTURAL SPEAKERS

KEF

KEF OBSESSED WITH HIGH RESOLUTION

Few Hi-Fi loudspeaker manufacturers have had the impact and influence of KEF. Driven by a passionate belief in the power of new technologies, materials and design ingenuity, KEF is a name that commands the deepest respect and reverence.

For over 55 years, KEF's mission has been to fill rooms with the purest sound possible; to create a sound experience akin to being in the room with the performer. Sound that touches heart and soul.

With iconic ranges such as Reference, Blade and the mighty Muon, it is little wonder KEF is in a class apart for technical excellence, creativity and craftsmanship. Moreover, KEF approaches the development of its architectural loudspeakers with the same diligence as any other model; its passion for acoustic excellence would not allow anything else.



HIDE YOUR SPEAKERS, NOT YOUR SOUND

An integrated home audio system should deliver flawlessly accurate three-dimensional sound. Whether you listen to music or movies, everything should be startlingly clear and breathtakingly realistic. The combination of innovative engineering and sophisticated acoustic design ensures KEF's architectural speakers offer as compelling a performance as its revered stand-alone Hi-Fi speakers.

KEF's obsessive urge to continuously innovate is clearly reflected in a range that includes some of the most advanced architectural speakers and solutions available today. From tiny in-ceiling speakers to the stunning Reference in-wall models, there is a product for every requirement. Each offers the purest sound while impeccable cosmetics ensures the speakers disappear into their surroundings and unique design features allow them to be fitted with the minimum of fuss.







KEF'S UNI-Q TECHNOLOGY

KEF developed the very first Uni-Q driver in 1988 and has been progressively and relentlessly refining the technology ever since. The patented technology places the tweeter in the acoustic centre of the midrange cone, and realises the acoustic ideal of a single point source.

Uni-Q sits at the heart of KEF's entire loudspeaker range, delivering its unique abilities to Blade and Reference, and, of course, to the architectural range. Here, because Uni-Q disperses sound widely and evenly over a large area, the speakers deliver effortlessly natural sound with minimal distortion to every person in the room.



Extreme Home Theatre



KEF's Extreme Home Theatre system sets a new standard for architectural loudspeakers. Designed and built to THX[®] Certified Ultra and THX[®] Certified Select standards, the formidable KEF Ci-Reference and Ci-R Series have the jaw-dropping acoustic capabilities of KEF's award-winning Hi-Fi speakers, delivering all the drama and emotional intensity of true theatre sound quality.

Extremely low profile



KEF's incredible Ci-T Series is designed for delivering the highest quality sound when mounting depth is at an absolute premium. Even with a mounting depth of only 36mm, The Ci-T Series speakers still deliver exceptional KEF sound quality.

Ultra-thin bezel



KEF's architectural range offers the slimmest visible rim around the speaker while casting virtually no shadow. Coupled with a magnetic grille and designed to fit tight into the wall or ceiling, KEF speakers disappear as if part of the ceiling.

Weatherproof

On the patio, by the pool, or on a yacht, the KEF Ventura Series outdoor speakers let customers enjoy music without compromise. Engineered to IP65 standards, these rugged, hard-wearing speakers can withstand even the most extreme weather conditions. The KEF T, Q, C and E Series are IP64 Certified, which means as well as being impregnable by dust, they are also splash proof.

Flush Mount



KEF's Flush Mount range blends premium sound with premium aesthetics. Sitting completely level with the wall or ceiling with no bezel makes these loudspeakers both easy to install and satisfyingly frameless when in place. In fact, the only hint that a KEF speaker is present is the natural, room-filling sound.

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EXTREME HOME THEATRE

Working closely with the THX Testing Lab in Northern California, KEF's Extreme Home Theatre system sets a new standard for architectural loudspeakers. Certified to THX[®] Certified Ultra and THX[®] Certified Select standards, the formidable KEF Ci-Reference and Ci-R Series can deliver all the drama and emotional intensity of true theatre sound quality. Meanwhile the exceptional Q Series delivers the perfect balance of high-resolution sound with depth and clarity.



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Product		Ŧ	Ci5160REF-THX	Ci3160REF-THX	Ci5160RL-THX	Ci3160RL-THX	Ci200RR-THX	Ci200RS-THX	Ci160RR-THX [#]	Ci4100QL-THX
Cut-out dimensions	$(H \times W)$	×	1052 × 209 mm (41.42 × 8.23 in.)	660 x 209 mm (25.98 x 8.23 in.)	1052 x 209 mm (41.42 x 8.23 in.)	660 × 209 mm (25.98 × 8.23 in.)	-	240 x 240 mm (9.45 x 9.45 in.)	-	476 x 114 mm (18.74 x 4.49 in.)
	Diameter Ø		-	-	-	-	238 mm (9.37 in.)	-	196mm (7.71in.)	-
Mounting depth from surface			99 mm (3.9 in.)	99mm (3.9 in.)	99 mm (3.9 in.)	99 mm (3.9 in.)	126.5 mm (4.98 in.)	127 mm (5 in.)	110mm (4.33 in.)	76mm (3in.)
Drive units	LF		4 x 160 mm (6.5 in.)	2 x 160mm (6.5in.)	4 x 160 mm (6.5 in.)	2 x 160 mm (6.5 in.)	200 mm (8 in.) Uni-Q	200 mm (8 in.) Uni-Q	165mm (6.5in.) Uni-Q	3 x 100mm (4in.)
	MF		125 mm (5.25 in.) Uni-Q	125mm (5.25in.) Uni-Q	160 mm (6.5 in.) Uni-Q	160 mm (6.5 in.) Uni-Q	-	-	-	100mm (4in.) Uni-Q
	HF		25 mm (1 in.)	25mm (1in.)	25 mm (1 in.)	25 mm (1 in.)	38 mm (1.5 in.)	38 mm (1.5 in.)	25mm (1in.)	19mm (0.75in.)
Sensitivity (2.83V/1m)			90dB	90	90dB	90dB	90dB	90dB	90	89dB
Recommended amplifier power			40 - 500 VV	40 - 350VV	40 - 250 W	30 - 180 W	10 - 190 W	10 - 190 W	10-190W	10-150VV
Nominal impedance			4Ω	4Ω	4Ω	4Ω	4Ω	4Ω	4Ω	4Ω
Rough-in Frame			RIF5160L	RIF3160	RIF5160L	RIF3160L	RIF200R	RIF200S	RIF160R	RIF4100L
Rear Enclosure			-	-	-	-	RNC200R	RNC200S	RNC160R	-
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*To meet THX Ultra distortion specifications, install with 3 litre rear enclosure and set the A/V processor speaker size to small. Not all models and finishes are available in all markets, contact your local dealer for specific range details.



IN-CEILING AND IN-WALL SPEAKERS

KEF's comprehensive collection of in-ceiling and in-wall architectural speakers offers exceptional performance from models designed to disappear into their environment. Whether you require the jaw-dropping acoustic capabilities of R Series, or the space saving features of the dual stereo models, KEF has the perfect speaker for your installation.



Product		ρ	Ci200QL	Ci160QL	Ci200QS	Ci160QS	Ci130QS	Ci200QR	Ci160QR	Ci130QR
Cut-out dimensions	$(H \times W)$	Series	334 x 238 mm (13.15 x 9.37 in.)	274 x 194 mm (10.79 x 7.64 in.)	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.)	-	-	-
	Diameter Ø		-	-	-	-	-	240 mm (9.45 in.)	196 mm (7.71 in.)	158 mm (6.22 in.)
Mounting depth from surface			99.8mm (3.93in.)	91mm (3.58in.)	99.8mm (3.93in.)	91mm (3.58in.)	77.9mm (3.07in.)	103.3mm (4.07in.)	91mm (3.58in.)	77.8mm (3.06in.)
Drive units	LF		200 mm (8 in.) Uni-Q	160 mm (6.5 in.) Uni-Q	200 mm (8 in.) Uni-Q	160 mm (6.5 in.) Uni-Q	130 mm (5.25 in.) Uni-Q	200 mm (8.0 in.) Uni-Q	160 mm (6.5 in.) Uni-Q	130 mm (5.25 in.) Uni-Q
	MF		-	-	-	-	-	-	-	-
	HF		25 mm (1 in.)	19 mm (0.75 in.)	25 mm (1 in.)	25 mm (1 in.)	25 mm (1 in.)	25 mm (1 in.)	19 mm (0.75 in.)	19 mm (0.75 in.)
Sensitivity (2.83V/1m)			90dB	89dB	90dB	89dB	87dB	90dB	89dB	87dB
Recommended amplifier power			10 - 150 W	10 - 125 W	10 - 150 W	10 - 125 W	10 - 100 VV	10 - 150 W	10 - 125 W	10 - 100 VV
Nominal impedance			8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω
Rough-in Frame			RIF200L	RIF160L	RIF200S	RIF160S	RIF130S	RIF200R	RIF160R	RIF130R
Rear Enclosure			RNC200L	RNC160L	RNC200S	RNC160S	RNC130S	RNC200R	RNC160R	RNC130R



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Product		0	Ci160.2CL	Ci160.2CS	Ci130.2CS	Ci200.2CR	Ci160.2CR	Ci130.2CR	m	Ci200ER	Ci160ER	Ci130ER
Cut-out dimensions	$(H \times W)$	Series	274 x 194 mm (10.79 x 7.64 in.)	194 x 194 mm (7.64 x 7.64 in.)	158 x 158 mm (6.22 x 6.22 in.)	-	-	-	Series	-	-	-
	Diameter Ø		-	-	-	240 mm (9.45 in.)	196 mm (7.71 in.)	158 mm (6.22 in.)		240 mm (9.45 in.)	196 mm (7.71 in.)	158 mm (6.22 in.)
Mounting depth from surface			84.5mm (3.33in.)	84.5mm (3.33in.)	77.1mm (3.03in.)	97.2mm (3.83in.)	85.2mm (3.35in.)	77.5mm (3.05in.)		97.2mm (3.83in.)	85.2mm (3.35in.)	77.5mm (3.05in.)
Drive units	LF		160 mm (6.5 in.) Uni-Q	160 mm (6.5 in.) Uni-Q	130 mm (5.25 in.) Uni-Q	200 mm (8 in.) Uni-Q	160 mm (6.5 in.) Uni-Q	130 mm (5.25 in.) Uni-Q		200 mm (8 in.) Uni-Q	160 mm (6.5 in.) Uni-Q	130 mm (5.25 in.) Uni-Q
	MF		-	-	-	-	-	-		-	-	-
	HF		16 mm (0.6 in.)	16 mm (0.6 in.)	16 mm (0.6 in.)	16 mm (0.6 in.)	16 mm (0.6 in.)	16 mm (0.6 in.)		16 mm (0.6 in.)	16 mm (0.6 in.)	16 mm (0.6 in.)
Sensitivity (2.83V/1m)			89dB	89dB	87dB	90dB	89dB	87dB		90dB	89dB	87dB
Recommended amplifier power			10 - 100 VV	10 - 100 VV	10 - 80 VV	10 - 125 W	10 - 100 VV	10 - 80 W		10 - 125 VV	10 - 100 VV	10 - 80 VV
Nominal impedance			8Ω	8Ω	8Ω	8Ω	8Ω	8Ω		8Ω	8Ω	8Ω
Rough-in Frame			RIF160L	RIF160S	RIF130S	RIF200R	RIF160R	RIF130R		RIF200R	RIF160R	RIF130R
Rear Enclosure			RNC160L	RNC160S	RNC130S	RNC200R	RNC160R	RNC130R		RNC200R	RNC160R	RNC130R

Soundlight and Flush mount

Hiding in plain sight, Soundlight speakers mimic LED/halogen lighting fixtures to provide a seamless, unbroken visual. Partnered with a KEF installed passive subwoofers and the KASA500 audio system amplifier, Soundlight speakers fill any space with clear, natural sound.

KEF's Flush Mount models blend premium sound with discreet aesthetics. Sitting completely level with the wall or ceiling with no bezel, the only hint that a speaker is present is the natural, room-filling sound.









Product		S	Ci100QS	Ci100.2QR	Ci50R	Ŧ	Ci130QSfl	Ci130QRfl
Cut-out dimensions	$(H \times W)$	oundlight	112 x 112 mm (4.41 x 4.41 in.)	-	-	Flush Mount	158 × 158 mm (6.22 × 6.22 in.)	-
	Diameter Ø	l t	-	118.0 mm (4.65 in.)	65 mm (2.56 in.)	unt		158 mm (6.22 in.)
Mounting depth from surface			72mm (2.83in.)	103.1mm (4.06in.)	90mm (3.54in.)		101 mm (3.98 in.)	101 mm (3.98 in.)
Drive units	LF		100 mm (4 in.) Uni-Q	75 mm (3.15 in.) Uni-Q	-		130mm (5.25in.) Uni-Q	130mm (5.25in.) Uni-Q
	MF		-	-	50 mm (2.0 in.)		-	-
	HF		19 mm (0.75 in.)	-	-		19mm (0.75in.)	19mm (0.75in.)
Sensitivity (2.83V/1m)			88dB	83dB	82dB		87dB	87dB
Recommended amplifier power			10 - 50 VV	10 - 50 VV	10 - 30 W		10 - 100VV	10 - 100VV
Nominal impedance			4Ω	4Ω	6Ω		8Ω	8Ω
Rough-in Frame			RIF100S	RIF100R	-		NA	NA
Rear Enclosure			RNC100S	RNC100R	Ci50CAN		NA	NA



Ci-T AND T SERIES

KEF's extremely low-profile Ci-T and T Series deliver a depth of sound completely at odds to their physical depth.

The architectural Ci-T Series' mounting depth of 36mm (59mm for Ci200TRb subwoofer) delivers highquality sound when space is at a premium, and with the same installation features as the rest of the architectural range.

Utilising the same drivers as the Ci-T series, the T Series is ideal for flanking wall-mounted televisions, or as wall/stand-mounted surround speakers in a home theatre.







SPECIAL APPLICATION

KEF is well ahead of the game when it comes to solving installation problems.

Dual Stereo features a dual voice coil woofer and two tweeters to deliver stereo sound from the space of a single speaker. Alternatively, CiTR-SM is a stereo-to-mono transformer that allows any single KEF speaker to deliver full stereo with all the benefits of Uni-Q.

KEF's Motorised Series' integrated system brings the speaker out from its discreet resting place, and after use, draws it back its original position. The Commercial Series offers both low impedance and 70/100V operation, among other features ideal for distributed audio applications where music and speech requires the absolute best performance.



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Product		P	Ci160CSds	Ci160CRds	Z	Ci3-80QT	Q	Ci115QCT	Ci110FCT	Ci160ST
Cut-out dimensions	$(H\timesW)$	ial Stei	194 x 194 mm (7.64 x 7.64 in.)	-	otorise	112 x 354 mm (4.41 x 13.94 in.)	ommer	-	-	-
	Diameter Ø	reo	-	196 mm (7.71 in.)	ă	-	cial	220mm (8.66in.)	220mm (8.66in.)	275mm (10.83in.)
Mounting depth from surface			84.5mm (3.33in.)	86mm (3.36in.)		-	Rou	157mm (6.18in.)	107mm (4.21in.)	185mm (7.28in.)
Drive units	LF		160 mm (6.5 in.) Dual voice coil	160 mm (6.5 in.) Dual voice coil		2 x 75mm (3.0in.)	nd	115mm (4.5in.) Uni-Q	110mm (4.3in.)	160mm (6.5in.)
	MF		-	-		75mm (3.0in.) Uni-Q		-	-	-
	HF		2 x 19 mm (0.75 in.)	2 x 19 mm (0.75 in.)		15mm (0.6in.)		19mm (0.75in.)	-	-
Sensitivity (2.83V/1m)			91dB	91dB		87dB		86dB	89dB	85dB
Recommended amplifier power			10 - 80 W	10 - 80 VV		10 - 100VV		15-80W	10-100VV	20-100VV
Nominal impedance			8Ω	8Ω		8Ω		8Ω	8Ω	4Ω
Rough-in Frame			RIF160S	RIF160R		-		RIF160R	RIF160R	RIF200R
Rear Enclosure			RNC160S	RNC160R		-		-	-	-



INSTALLED SUBWOOFERS

KEF's installed subwoofers offer incredible sonic performance whilst remaining visually discreet, and they are available to partner all of KEF's architectural speaker ranges. Plus, when powered by KEF's DSP-driven KASA500 install audio system amplifier, both the Ci3160RLb-THX and Ci200QSb-THX subwoofers achieve the intense bass performance levels required for THX[®] Certified Select and THX[®] Certified Ultra certification (dependant on configuration).



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Product		Subwoof	Ci3160RLb-THX	Ci200Qsb-THX Passive Mode (Crossover "ON")	Ci200Qsb-THX Active Mode (KASA500)	Ci200TRb Passive Mode	Ci200TRb Active Mode (KASA500)
Cut-out dimensions	$(H \times W)$	e,	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.)	-	-
	Diameter Ø		-	-	-	240 mm (9.45 in.)	240 mm (9.45 in.)
Mounting depth from surface			88.5mm (3.84 in.)	101.6mm (4 in.)	101.6mm (4 in.)	59mm (2.32 in.)	59mm (2.32 in.)
Drive units	LF		3 x 160 mm (6.5 in.)	200 mm (8 in.)	200 mm (8 in.)	200 mm (8 in.)	200 mm (8 in.)
Sensitivity (2.83V/1m)			92dB	85dB	-	87dB	87dB
Required amplifier			KEF KASA500	-	KEF KASA500	-	KEF KASA500
Units required for THX Ultra:	Subwoofer KASA500		4 2	-	8 2	-	-
Units required for THX Select:	Subwoofer KASA500		2 1	-	4 1	-	-
Recommended amplifier power			-	10 - 150 W	-	10 - 125 W	-
Nominal impedance			4Ω	6Ω	-	Stero mode: 2 x 8Ω mono mode: 16Ω	Stero mode: 2 x 8Ω mono mode: 16Ω
Rough-in Frame			RIF3160L	RIF200S	RIF200S	RIF200R	RIF200R
Rear Enclosure			-	RNC200S	RNC200S	RNC200R	RNC200R

OUTDOOR SERIES

Weather-resistant, IP65 certified and salt spray tested, KEF's marinequality Ventura Series outdoor models can flood your pool, garden or yacht with high-quality sound, even in extreme atmospheric conditions.

With an all-metal combination of brass, aluminium and stainless steel, the Ventura Series offers exceptional performance throughout the seasons. And delivers the same high-quality sound that KEF has a reputation for, with exceptional clarity and space-filling bass.





Product		Ven	Ventura 6	Ventura 5 / 5T	Ventura 4
Drive units	LF	Ventura	160 mm (6.5 in.)	130 mm (5.25 in.)	115 mm (4.5 in.)
	MF		-	-	-
	HF		25 mm (1 in.)	25 mm (1 in.)	19 mm (0.75 in.)
Sensitivity (2.83V/1m)			90dB	89dB	88dB
Recommended amplifier power			10 - 125 W	10 - 100 W	10 - 80 W
Nominal impedance			6Ω	6Ω	6Ω
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)
Certification			IP65	IP65	IP65





DEDICATED AMPLIFIERS AND ACCESSORIES

Unlock the full potential of KEF subwoofers with the KASA500, a powerful Class-D Dual 250WPC amplifier. This DSP controlled system amplifier is optimised to deliver thunderous bass from KEF architectural subwoofers. With both line and speaker level inputs, and DSP configurable pass-through with optional high-pass filters, the KASA500 is extremely versatile and can be deployed in limitless system configurations.

KEF's BTS30 Bluetooth Keypad and compact amplifier system can deliver Hi-Fi quality sound to a pair of architectural loudspeakers in the same, or a different room.

KEF's accessories allow Architectural speakers to perform at their best. R Rough-In Frames reserve the perfect space for the speakers during a new build, while carefully calculated Steel Rear Enclosures reduce sound leakage into adjacent rooms.





Steel Rough-in Frames

Steel Rear Enclosures



Product	KASA 500	BTS30
Inputs	Selectable stereo RCA line level, or mono LFE RCA level; Stereo speaker level	Bluetooth 4.2 with Qualcomm [®] aptX [™] codec Line-in Coaxial Optical
Outputs	2 x 250watts 4ohms Bridge 1 x 500watts 8ohms	Stereo Mode 2 x 15W@8 Ohms Mono Mode 30W@4 Ohms Line-Out
Product dimension (H X W X D)	88 x 432 x 304mm (3½ x 17 x 12 in.) With feet : 92 x 432 x 304mm (3½ x 17 x 12 in.) With rack ears; 2 EIA rack space: 88 x 483 x 304mm (3½ x 19 x 12 in.)	Amplifier Unit: 45 x 143 x 125mm (1.77 x 5.63 x 4.92 in) Keypad Unit: 45 x 45 x 40mm (1.58 x 1.77 x 1.77 in) Metal Frame: 1 x 71 x 71mm (0.04 x 2.80 x 2.80 in)
Weight	4kg (9 lbs)	Amplifier Unit: 530g (1.168 lbs) Keypad Unit: 40g (0.088 lbs) Metal Frame: 28g (0.061 lbs)



FREEDOM OF EXPRESSION

A major part of KEF's design process ensures that every loudspeaker benefits from the Consistent Voicing concept – a thread of sonic DNA that starts with Muon and travels all the way through to Soundlight. This can only be achieved through outstanding engineering capabilities, unwavering dedication to the KEF philosophy of sound and uncompromising scrutiny.

Consistent Voicing guarantees that every room and any combination of KEF's Architectural and traditional loudspeakers delivers awe-inspiring natural sound. It gives the freedom to create a bespoke solution as unique as the individual with no compromise.

treme theatre		Tall Rectangle	Tall Rectangle	Tall Rectangle	Tall Rectangle	Square	Round	Round	Tall Rectangle	Special Application		Square	Round	Square	Round	In-ceiling and in-wall		Rectangle	Rectangle	Square	Square		Square	Round	Round	Round
del		Ci5160REF-THX	Ci3160REF-THX	Ci5160RL-THX	Ci3160RL-THX	Ci200RS-THX	Ci200RR-THX	Ci160RR-THX#	Ci4100QL-THX	Model		Ci160TS	Ci160TR	Ci160CSds	Ci160CRds	Model Series		Ci200QL	Ci160QL	Ci200QS	Ci160QS		Ci130QS	Ci200QR	Ci160QR	Ci130QR
ries		REFERENCE	REFERENCE	R Series	R Series	R Series	R Series	R Series	Q Series	Series		T Series	T Series	C Series / Dual Stere	o C Series / Dual Stereo			Q Series 8Ω	Q Series	Q Series	Q Series		Q Series 8Ω	Q Series	Q Series	Q Series
minal impedance		4Ω	4Ω	4Ω	4Ω	4Ω	4Ω	4Ω	4Ω	Nominal impedance		8Ω	8Ω	8Ω	8Ω	Nominal impedance		90dB	812 89dB	90dB	8Ω 89dB		812 87dB	90dB	8Ω 89dB	802 87dB
nsitivity (2.83V/1m)		90dB	90dB	90dB	90dB	90dB	90dB	90dB	89dB	Sensitivity (2.83V/1m)		87dB	87dB	91dB	91dB	Sensitivity (2.83V/1m)		AndR	890B	90gB	890B		8/dB	900B	870B	8/0B
quency response (±6dB) en-backed		40Hz-28kHz	40Hz-28kHz	40Hz-28kHz	45Hz-28kHz	33Hz-28kHz	33Hz-28kHz	52Hz - 24kHz	55Hz-28kHz	Frequency response (±6dB) open-backed		110Hz-24kHz	110Hz-24kHz	50Hz-20kHz	50Hz-20kHz	Frequency response (±6dB) open-backed		35Hz-34kHz	38Hz-34kHz	35Hz-34kHz	38Hz-34kH:	łz	45Hz-34kHz	35Hz - 34kHz	38Hz-34kHz	45Hz-34kHz
quency range (-10dB)		35Hz-45kHz	32Hz-30kHz	35Hz-45kHz	35Hz-45kHz	28Hz-35kHz	28Hz-45kHz	38Hz-30kHz	40Hz-30kHz	Frequency range (-10dB)		69Hz-45kHz	69Hz-45kHz	45-30kHz	45Hz-30kHz	Englished (104P)*		2011-2011-	2011-2011-	22112 2011 -	2011-2011	L	2011-2011-	2011-2011-	2011-2011-	2011-2011-
ninal coverage (degrees) SPL (dB)		150° 116dB	115° 110dB	150° 111dB	150° 106dB	120° 106dB	120° 106dB	130° 105dB	150° 104dB	Nominal coverage (degrees) Max SPL (dB)		160° 101dB	160° 101dB	120° 106dB	120° 106dB	Frequency range (-10dB)"		32Hz-30kHz	32Hz-30kHz	32Hz-30kHz	32Hz-30kH:	12	38Hz-30kHz	32Hz-30kHz	32Hz-30kHz	38Hz-30kHz
over frequency		400Hz, 2.8kHz	350Hz, 2.7kHz	300Hz, 2.4kHz	340Hz, 2.5kHz	2.2kHz	2.2kHz	2.1kHz	2.2kHz	Crossover frequency		1.7Hz	1.7kHz	3.2kHz	3.2kHz	Nominal coverage (degrees)		115°	125°	115°	125°		130°	115°	125°	130°
	LF	4 x 160mm (6.5in.)	2 × 160mm (6.5in.)	4 x 160mm (6.5in.)	2 x 160mm (6.5in.)	200mm (8in.) Uni-Q	200mm (8in.) Uni-Q	165mm (6.5in.) Uni-Q	3 × 100mm (4in.)	Crossover irequency				Dual voice coil:	Dual voice coil:	Max SPL (dB)		107dB	105dB	107dB	105dB		103dB	107dB	105dB	103dB
inits	MF 13	125mm (5.25in.) Uni-Q	125mm (5.25in.) Uni-Q	160mm (6.5in.) Uni-Q	160mm (6.5in.) Uni-Q	-	-	-	100mm (4in.) Uni-Q		LF	115mm (4.5in. Dual layer) 1*	15mm (4.5in.) dual layer	160mm (6.5in.)	160mm (6.5in.)	Crossover frequency		2.5kHz	3.0kHz	2.5kHz	3.0kHz		3.8kHz	2.2kHz	3.0kHz	3.8kHz
	HF	25mm (1in.)	25mm (1in.)	25mm (1in.)	25mm (1in.)	38mm (1.5in.)	38mm (1.5in.)	25mm (1in.)	19mm (0.75in.)	Drive units	MF	-	-	-	-	Drive units	LF	200mm (8in.) Uni-Q	160mm (6.5in.) Uni-Q	200mm (8in.) Uni-Q	160mm (6.5in.) U		nm (5.25in.) Uni-Q	200mm (8.0in.) Uni-Q	160mm (6.5in.) Uni-Q	130mm (5.25in.) U
nmended amplifier power		40-500VV	40-350VV	40-250VV	30-180VV	10-190VV	10-190VV	10 - 190VV	10-150VV		HF	25mm (1in.)	25mm (1in.)	2 x 19mm (0.75in.)			HF	25mm (1in.)	19mm (0.75in.)	25mm (1in.)	19mm (0.75ii		19mm (0.75in.)	25mm (1.0in.)	19mm (0.75in.)	19mm (0.75in.)
mended high-pass filter (Hz)		35Hz-80Hz*	40Hz	40Hz-80Hz*	40-80Hz*	35Hz - 80Hz	35Hz - 80Hz*	38Hz	55Hz	Recommended amplifier power		10-100W	10-100W	10-80W	10 - 80VV	Recommended amplifier power		10-150VV	10-125W	10-150W	10-125W		10-100W	10-150VV	10-125W	10-100W
				1070 x 230 x 105.7 mm					490 x 128 x 81mm	Recommended high-pass filter (Hz	z)	70Hz	70Hz	50Hz	50Hz	Recommended high-pass filter (Hz)		40Hz	45Hz	40Hz	45Hz		50Hz	40Hz	45Hz	50Hz
	(1 X V V X D) (4	(42.13 × 9.06 × 4.16 in.)	(26.77 x 9.06 x 4.16 in.)	(42.13 × 9.06 × 4.16 in.)	(26.77 x 9.06 x 4.16 in.)	(10.75 × 10.75 × 5.22 in.)		-	(19.29 × 5.04 × 3.19 ir)	$(H \times W \times D)$	222.8 x 222.8 x 41mm (8.77 x 8.77 x 1.61 in.)	-	223 x 223 x 90.5 mr (8.78 x 8.78 x 3.56 ir			$(H \times W \times D)$	369 x 273 x 106 mm (14.53 x 10.75 x 4.17in.)	303 x 223 x 97.5 mm (11.93 x 8.78 x 3.84 in.)	273 x 273 x 106 mm (10.75 x 10.75 x 4.17 in.)	223 x 223 x 97 (8.78 x 8.78 x 3.1		4 x 184 x 84 mm 4 x 7.24 x 3.31 in.)	-	-	-
t external dimensions	Diameter Ø	-	-	-	-	-	290mm (11.42in.)	234.6mm (9.24in.)	-	Product external dimensions	Diameter Ø	/	234.6mm (9.24in.)	-	234.6mm (9.24in.)	Product external dimensions	Diameter Ø	-	-	-	-	`	-	289.6mm (11.4in.)	234.6mm (9.24in.)	193.4mm (7.61in
	Depth	-	-	-	-		132.6mm (5.22in.)	115mm (4.53in)	-		Depth		40mm (1.57in.)	-	93mm (3.66in.)		Depth	-	-	-	-		-	109.8mm (4.32in.)	98mm (3.86in.)	83.3mm (3.28ii
	(H × W)	1052 x 209 mm	660 x 209 mm	1052 × 209 mm	660 x 209 mm	240 x 240 mm	_	_	476 x 114 mm		(H x W)	194 x 194 mm	_	194 x 194 mm			$(H \times W)$	334 x 238 mm (13.15 x 9.37 in.)	274 x 194 mm (10.79 x 7.64 in.)	238 × 238 mm (9.37 × 9.37 in.)	194 x 194 m (7.64 x 7.64 i		158 × 158 mm 6.22 × 6.22 in.)	-	-	-
ut dimensions		(41.42 x 8.23 in.)	(25.98 x 8.23 in.)	(41.42 x 8.23 in.)	(25.98 x 8.23 in.)	(9.45 x 9.45 in.)			(18.74 x 4.49 in.)	Cut-out dimensions		(7.64 x 7.64 in.)		(7.64 x 7.64 in.)		Cut-out dimensions	Diameter Ø	(13.13 X 7.37 III.)	(10./7 X /.04 III.)	(7.37 X 7.37 III.)	(7.04 x 7.04)	m.y		240mm (9.45in.)	196mm (7.71in.)	158mm (6.22ir
	Diameter Ø	-	-	-	-	-	238mm (9.37in.)	196mm (7.71in.)	-		Diameter Ø		196mm (7.71in.)	-	196mm (7.71in.)	Net Weight		2.6kg (5.77lbs.)	2.05kg (4.51lbs.)	2.4kg (5.3lbs.)	1.88kg (4.14lt	bs.)	1.4kg (3.1lbs.)	2.4 kg (5.28lbs)	1.8 kg (3.96lbs)	1.35 kg (2.97 ll
/eight		22kg (48.5lbs.)	13.4kg (29.54lbs.)	19kg (41.89lbs.)	11.7kg (25.79lbs.)	3.6kg (7.94lbs.)	3.6kg (7.94lbs.)	2.94kg (6.48lbs.)	3kg (6.61lbs)	Net Weight		1.05kg (2.31lbs)	1kg (2.2lbs.)	1.80kg (4.0lbs.)	1.80kg (4.0lbs.)	Mounting depth from surface		99.8mm (3.93in.)	91mm (3.58in.)	99.8mm (3.93in.)	91mm (3.58i		7.9mm (3.07in.)	103.3mm (4.07in.)	91mm (3.58in.)	77.8mm (3.06
ng depth from surface		99mm (3.9in.)	99mm (3.9in.)	99mm (3.9in.)	99mm (3.9in.)	127mm (5in.)	126.5mm (4.98in.)	110mm (4.33in.)	76mm (3in.)	Mounting depth from surface		<36mm (1.42 in.)	<36mm (1.42in.)	84.5mm (3.33in.)	86mm (3.36in.)	Optional rough in frame		RIF200L	RIF160L	RIF200S	RIF160S	,	RIF130S	RIF200R	RIF160R	RIF130R
al rough in frame		RIF5160L	RIF3160L	RIF5160L	RIF3160L	RIF200S	RIF200R	RIF160R	RIF4100L	Optional rough in frame		RIF160S	RIF160R	RIF160S	RIF160R	Optional rear enclosure		RNC200L	RNC160L	RNC200S	RNC1605		RNC130S	RNC200R	RNC160R	RNC130R
lear Volume (L)		90L	60L	90L	60L	20L	20L	20L	15L	Optional rear enclosure		RNC160S	RNC160R	RNC160S	RNC160R					KINC2003	KINC 1603	,				
m Rear Volume (L)		40L	30L	40L	30L	10L	10L	10L	7L	Ideal Rear Volume (L)		3L	3L	35L	35L	Ideal Rear Volume (L)		60	25	60	25		15	60L	25L	15L
ation		THX ULTRA2	THX ULTRA	THX ULTRA2	THX ULTRA2	THX ULTRA 2, IP64	THX ULTRA2, IP64	THX ULTRA, IP64	THX SELECT2, IP64	Minimum Rear Volume (L)		1L	1L	20L	20L	Minimum Rear Volume (L)		35	15	35	15		10	35L	15L	10L
					and a set also A /A / a set a set as					Certification		IP64	IP64	IP64	IP64	Certification		IP64	IP64	IP64	IP64		IP64	IP64	IP64	IP64
	oec: 80Hz. "To meet	et THX Ultra distortion	n specifications, install wit	h 3 litre rear enclosure an	nd set the A/v processor	r speaker size to small.											1									
nmended high-pass filter for THX s	bec: 80Hz. "To meet	et THX Ultra distortion Motorised	n specifications, install wit		ommercial Round	r speaker size to small. Commercial Rour	nd Special A	opplication		Square	Round	Round	Squ		Round	In-ceiling and in-wall		Rectangle	Square	Square	Round	Round	Round	Round	Round	Round
nmended high-pass filter for THX s	bec: 80Hz. "To meet			ial Round Cor			nd Special A Model	pplication			Round Ci50R	Round Ci100.2QR		are		In-ceiling and in-wall		Rectangle Ci160.2CL	Square Ci160.2CS	Square Ci130.2CS	Round Gi200.2CR	Round Ci160.2CR	Round Ci130.2CR	Round	Round Ci160ER	
nmended high-pass filter for THX s	bec: 80Hz. "To meet	Motorised	Commerci	ial Round Col	ommercial Round	Commercial Roun	Model	pplication		Ci100QS	Ci50R		Squ: Ci130	are IQSRI	Round Ci130QRfl	_										Ci130EF
al Application	pec: 80Hz. "To meet	Motorised Ci3-80QT	Commerci Ci1154	ial Round Col	ommercial Round Ci110FCT	Commercial Rour Ci160ST		pplication		Ci100QS Soundlight/		Ci100.2QR	Squ	are IQSRI	Round	Model Series		Ci160.2CL	Ci160.2CS	Ci130.2CS	Ci200.2CR	Ci160.2CR	Ci130.2CR	Ci200ER	Ci160ER	Ci130EF
amended high-pass filter for THX s al Application al impedance	bec: 80Hz. "To meet	Motorised Ci3-80QT	Commerci Ci1154	al Round Cor QCT rries 2	Ci110FCT Classic Series	Commercial Rour Ci160ST	Model			Ci100QS Soundlight/	Ci50R Soundlight/	Ci100.2QR Soundlight/	Squ: Ci130	are DQSRI eries	Round Ci130QRfl	Model Series Nominal impedance		Ci160.2CL C Series	Ci160.2CS C Series	Ci130.2CS C Series 8Ω	Ci200.2CR C Series 8Ω	Ci160.2CR	Ci130.2CR C Series 8Ω	Ci200ER E Series 8Ω	Ci160ER E Series	Ci130EF E Series 8Ω
ial Application al impedance vity (2.83V/1m) ency response (±6dB)	pec: 80Hz. "To meet	Motorised Ci3-80QT Q Series 8Ω	Commerci Ci115 Q Se 80	al Round Cor QCT rries 2	ommercial Round Ci110FCT Classic Series 8Ω	Commercial Roun Ci160ST Classic Series 4Ω	Model	pedance		Ci100QS Soundlight/ Q Series 4Ω	Ci50R Soundlight/	Ci100.2QR Soundlight/ Q Series	Ci130	are DQSRI eries	Round Ci130QRfl FL Series	Model Series Nominal impedance Sensitivity (2.83V/1m)		C1160.2CL C Series 8Q 894B	C1160.2C5 C Series 8Ω 89d8	C1302CS C Series 8Ω 87dB	G200.2CR C Series 8Ω 90dB	Ci160.2CR C Series BQ 89dB	Ci130.2CR C Series ΒΩ 87dB	Ci200ER E Series 8Ω 90dB	C1160ER E Series 8Ω 89dB	CI130ER E Series 8Ω 87dB
cial Application cial impedance tivity (2.83V/1m) rency response (±6dB)	pec: 80Hz. "To meet	Motorised Ci3-80QT Q Series 8Ω 87dB	Commerci Ci115 Q Se 80	lal Round Cou QCT ries 2 2 8	ommercial Round Ci110FCT Classic Series 8Ω 89dB	Commercial Roun Ci160ST Classic Series 4Ω 85dB	Model Series Nominal im Sensitivity	pedance 2.83V/1m) response (±6dB)		C100QS Soundlight/ Q Series 4Q 88d8	Ci50R Soundlight/ C Series 6Ω	Ci100.2QR Soundlight/ Q Series 4Ω	Ci130	are Average Aver Average Average Avera	Round Ci130QRR FL Series 8Ω	Model Series Nominal impedance		Ci160.2CL C Series 8Ω	Ci160.2CS C Series 8Ω	Ci130.2CS C Series 8Ω	Ci200.2CR C Series 8Ω	Ci160.2CR C Series 8Ω	Ci130.2CR C Series 8Ω	Ci200ER E Series 8Ω	Ci160ER E Series 8Ω	Ci130ER E Series 8Ω 87dB
ial Application	sec: 80Hz "To meet	Motorised C.3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz	Commerci Ci1151 Q Se 86 86	ial Round Con QCT Criss 3 BB Criss 10kHz Criss 10kHz	critioFCT Classic Series 8Ω 89dB - 110Hz-18kHz 105Hz-30kHz	Commercial Rour Ci160ST Classic Series 4Q 85dB	Model Series Nominal im Sensitivity open-back Frequency	pedance 2.83V/1m) response (±6dB)		С1100QS Soundlight/ Q Series 4Ω 88dB 80Hz-27kHz 12	CI50R Soundlight/ C Series 6Ω 82dB	Ci100.2QR Soundlight/ Q Series 4Ω 83dB	Ci130 CI130 FL Se 80 87	are All All All All All All All All All Al	Round C1130QR# FL Series 8Ω 87/dB	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB)		C1160.2CL C Series 8Q 894B	C1160.2C5 C Series 8Ω 89d8	C1302CS C Series 8Ω 87dB	G200.2CR C Series 8Ω 90dB	Ci160.2CR C Series BQ 89dB	Ci130.2CR C Series ΒΩ 87dB	Ci200ER E Series 8Ω 90dB	C1160ER E Series 8Ω 89dB	Ci130ER E Series 8Q 87dB 52Hz-20kH
ial Application hal impedance ivity (233V/1m) ency response (±6dB) backed ency response (±6dB) aack can / rae enclosure ency range (-10dB) hal coverage (degrees)	sec: 80Hz "To meet	Motorised C.13-80-QT Q Series 8Ω 87/dB - 87/Hz-30kHz 94/Hz-35kHz 170°	Commerci C(115) Q Se 86 86 70Hz-2 81Hz-3 81Hz-3 16	Ial Round Con QCT (1765) 185) 186) 10kHz) 10kHz) 197)	critioFcT Classic Series 8Ω 89dB - 110Hz-18kHz 105Hz-30kHz 170°	Commercial Rour C(1605T Classic Series 4Ω 85dB - 60Hz-130Hz 65Hz-300Hz	Model Series Nominal im Sensitivity OPrequency with back of	pedance 2.83V/1m) esponse (±6dB) d response (±6dB) an / rear enclosure		С1100QS Soundlight/ Q Series 4Ω 88dB 80Hz-27kHz 12 - 17	CI50R Soundlight/ C Series 6Ω 82dB 25Hz-20kHz 70Hz-20kHz	C1100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz	Squ Ci130 FL Se 86 870 45Hz -	are NQSR	Round CI130QR/I FL Series 8Ω 87dB 45Hz - 34kHz	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed		С1160.2CL С Series 8Q 894B 52Hz-20kHz	C1160.2CS C Series 8Ω 894B 52Hz-20KHz	C 130 2CS C Series 8Ω 87dB 52Hz-20kHz	Ci200.2CR C Series 8Ω 90dB 45Hz-20kHz	Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz	C130.2CR C Series 8Q 87dB 52Hz-20kHz	Ci200ER E Series 8Ω 90dB 45Hz-20kHz	С160ER E Series 8Ω 89dB 52Hz-20kHz	Ci130ER E Series 8Ω 87dB 52Hz-20kH
al Application al impedance intro (2.83V/1m) ncy response (±6dB) acted ncy response (±6dB) acted ncy response (±6dB) acted and rear enclosure ncy range (±10dB) al coverage (degrees) L (dB)	ee: 80Hz "To meet	Motorised C.13-80-QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB	Commerci Ci115 Q Se 86 86 70Hz-2 81Hz-3 16 95	Ial Round Con QCT (ries) 2) 18 (100kHz) 100kHz) 20 (19) 10 kHz) 19 (19)	critioFcT Classic Series 8Ω 89dB - 110Hz-18kHz 105Hz-30kHz	Commercial Rour Ci160ST Classic Series 4Q 85dB - 60Hz-130Hz	Model Series Nominal im Sensitivity Frequency with back o Frequency	pedance 2.83V/1m) esponse (±6dB) d seponse (±6dB) an / rear enclosure ange (-10dB)		С1100QS Soundlight/ Q Series 4Ω 88dB 80Hz-27kHz 12 - 17	Ci50R Soundlight/ C Series 6Ω 82dB 25Hz-20kHz	C1100.2QR Soundlight/ Q Series 4D 83dB 90Hz-27kHz	Squ Ci130 FL Se 86 870 45Hz -	are AVA STATES S	Round Ci130QRfi FL Series 8Ω 87dB 45Hz - 34kHz	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed		С1160.2CL С Series 8Q 894B 52Hz-20kHz	C1160.2CS C Series 8Ω 894B 52Hz-20KHz	C 130 2CS C Series 8Ω 87dB 52Hz-20kHz	Ci200.2CR C Series 8Ω 90dB 45Hz-20kHz	Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz	C130.2CR C Series 8Q 87dB 52Hz-20kHz	Ci200ER E Series 8Ω 90dB 45Hz-20kHz	С160ER E Series 8Ω 89dB 52Hz-20kHz	Ci130ER E Series 8Q 87dB 52Hz-20kH
ial Application ial Application ial impedance ivity (2.83V/1m) ency response (±6dB) backed ency response (±6dB) ency range (-10dB)	ee: 80Hz *To meet	Motorised C:3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz	Commerci Ci115 Q Se 86 86 70Hz-2 81Hz-3 166 95 23k	Ial Round Con QCT (ries) 2 (18) 10kHz (10kHz) 10kHz (10k	Ci110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 170° 98dB	Commercial Rour C(1605T Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB	Model Series Nominal im Sensitivity Frequency Frequency With back c Frequency Nominal cc	pedance 2.83V/1m) esponse (±6dB) d esponse (±6dB) an / rear enclosure ange (-10dB) verage (degrees)		C1100QS C1100QS S0400000000000000000000000000000000	CI50R Soundlight/ C Series 6Ω 82dB 25Hz-20kHz 70Hz-20kHz	C1100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz	Squ C(130 FL Se 87 45Hz - - 38Hz-1 13/	are AVA STATES S	Round Ci130QRfl FL Series 8Ω 87dB 45Hz - 34kHz - 38Hz-30kHz	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)"		C160.2CL C Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz	C1160.2CS C Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz	C130.2CS C Series BΩ BΩ B7dB 52Hz-20kHz 45Hz-45kHz	CI200.2CR C Series 8Ω 90dB 45Hz-20kHz 35Hz-45khz	Ci160.2CR C Series 80 89dB 52Hz-20kHz 47Hz-45kHz	C130.2CR C Series 8Ω 87dB 52Hz-20kHz 45Hz-45khz	Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz	C1160ER E Series 8Ω 89dB 52Hz-20kHz 46Hz-45kHz	87dB 52Hz-20kH 44Hz-45kH
al Application al impedance intro (2.83V/1m) ncy response (±6dB) acted ncy response (±6dB) acted ncy response (±6dB) acted and rear enclosure ncy range (±10dB) al coverage (degrees) L (dB)	LE L	Motorised Ci3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 x 75mm (3.0in,)	Commerci Ci115i Q Se 86 86 70Hz-2 81Hz-3 16 95 2,3k 115mm (4.5	Ial Round Con QCT (ries) 2 (18) 10kHz (10kHz) 10kHz (10k	critioFcT Classic Series 8Ω 89dB - 110Hz-18kHz 105Hz-30kHz 170°	Commercial Rour C(1605T Classic Series 4Ω 85dB - 60Hz-130Hz 65Hz-300Hz	Model Series Nominal im Sensitivity Frequency open-backe Frequency Frequency Nominal co Max SPL (d	pedance 2.83V/1m) esponse (±6dB) d rear enclosure ange (-10dB) verage (degrees) 3)		C1100QS Q Series 4(2 88dB 80Hz-27kHz 12 53Hz-25kHz 12 150° 103dB	CISOR Soundlight/ C Series 82dB 25Hz-20kHz 22Hz-20kHz 22Hz-20kHz 22Hz-25kHz 165°	C1100.2QR Soundlight/ Q Series 4Q 83dB 90Hz-27kHz 130Hz-27kHz 70Hz-40khz 150° 99dB	Squ C(130 FL Se 87 45Hz - - 38Hz-1 13/	are All Second S	Round CI130QRI FL Series 8Ω 67dB 45Hz - 34kHz - 38Hz-30kHz 130° 103dB	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees)		C1160.2CL C Series 80. 894B 52Hz-20kHz 47Hz-45kHz 120°	C1160.2CS C Series 8Q 89dB 52Hz-20kHz 477Hz-45kHz 120°	C 130.2CS C Series 2000 C Seri	Сі200.2CR = С Series = 8Ω = 90dB = 45Hz-20kHz = 35Hz-45khz = 115° =	C1160.2CR C Series 8Ω 894B 52Hz-20kHz 47Hz-45kHz 120°	C130.2CR C Series 8Q 87dB 52Hz-20kHz 45Hz-45khz 140°	Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100°	Сі160ЕR E Series 8Ω 83dB 52Hz-20kHz 46Hz-45kHz 110°	C1130ER E Series 8C 87dB 52Hz-20kł 44Hz-45kł 135° 102dB
I Application	LF	Motorised Ci3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 x 75mm (3.0in.) 75mm (3.0in.) Uni-0	Commerci C(115) Q Se 86 86 70Hz-2 81Hz-3 16(955 23k 10 115mm (4.5 Q	Ial Round Con QCT Con rises 2 3B Control Control 10kHz 2 10kHz	Ci110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 170° 98dB	Commercial Rour C(1605T Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB	Model Series Nominal im Sensitivity Frequency Frequency With back c Frequency Nominal cc	pedance 2.83V/1m) esponse (±6dB) d rear enclosure ange (-10dB) verage (degrees) 3)		С1100QS Soundlight/ S Q Series S 4Ω 88dB 80Hz-27kHz 12 - 17 53Hz-25kHz 12 150°	CISOR Soundlight/ C Series 82dB 25Hz-20kHz 22Hz-20kHz 22Hz-20kHz 22Hz-25kHz 165°	Сі100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz 70Hz-40khz 150°	Squ Ci130 FL Se 80 87 45Hz - 38Hz - 38Hz - 131 131 133 103 3.8k	are All All All All All All All All All Al	Round C1130QRR FL Series 8Q 87dB 45Hz - 34kHz - 38Hz-30kHz 130°	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (26dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency	LF	Сі160.2CL С Series 8Q 894В 52Hz-20kHz 47Hz-45kHz 120° 104dВ	C1160.2CS C Series BΩ B0 B9dB 52Hz-20kHz 47Hz-45kHz 120° 104dB	С (130.2CS С С Series С 8Ω 87dB 52Hz-20kHz 45Hz-20kHz 140° 102dB	Ci200.2CR C Series 8Ω 90dB 45Hz-20kHz 35Hz-45khz 115° 106dB	Сі160.2СК С Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB	С130.2CR C Series 8Q 87dB 52Hz-20kHz 45Hz-45khz 140° 1402B	Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB	Сі160ЕR E Series 8Q 89dB 52Hz-20kHz 46Hz-45kHz 110° 1104dB	Сі 130ЕГ Е Series 87dB 52Hz-20k 44Hz-45k 135° 102dB
I Application impedance ty (2,83V/1m) ty response (±6dB) k can / rear enclosure ty range (±6dB) k can / rear enclosure ty range (±6dB) coverage (degrees) (dB) ar frequency	LE L	Motorised Ci3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 x 75mm (3.0in,)	Commerci Ci115i Q Se 86 86 70Hz-2 81Hz-3 16 95 2,3k 115mm (4.5	Ial Round Con QCT Con rises 2 3B Control Control 10kHz 2 10kHz	Ci110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 170° 98dB	Commercial Rour C(1605T Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB	Model Series Nominal im Sensitivity open-back Frequency with back c Frequency Nominal co Max SPL (d Crossover	pedance 2.837/1m) esponse (±6dB) d tesponse (±6dB) an / rear enclosure ange (-10dB) verage (degrees) 3) requency	LF	G100QS G100QS Soundlight/ Q Series S 4Ω 12 88dB 12 80Hitz-27kHz 12 - 17 53Hz-25kHz 12 150° 133B 3kHz 442 100mm (4in,) Uni-Q 10	CISOR Soundlight/ C Series 6Ω 82dB 25Hz-20kHz 22Hz-25kHz 165° 94dB -	C1100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 150° 99dB 3.5kHz	Squ Ci130 FL Se 80 87 45Hz - 38Hz - 38Hz - 131 131 133 103 3.8k	are All All All All All All All All All Al	Round CI130QRI FL Series 8D 87dB 45Hz - 34kHz - 38Hz-30kHz 130° 103dB 3.8kHz	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB)	LF HF	Сі160.2CL С Series 8Q 894B 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz	C1160.2CS C Series 8Ω 89d8 52Hz-20kHz 47Hz-45kHz 120° 104d8 2.8kHz	С (1302CS С С Series С 8Ω 4 87dB 5 52Hz-20kHz 4 45Hz-45kHz 4 140° 102dB 1 2.8kHz 6	C1200.2CR C Series 8Ω 90dB 45Hz-20kHz 35Hz-45khz 115° 106dB	Сі160.2СК С Series 80 894В 52Hz-20kHz 47Hz-45kHz 120° 104dВ 2.8kHz	C130.2CR CSeries CSeries 8C 87dB 52Hz-20kHz 45Hz-45khz 140° 140° 102dB 2.8kHz	Ci200ER Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB 2.8kHz	CI160ER E Series 80 89dB 52Hz-20kHz 46Hz-45kHz 110° 1104B 104dB	С1130E E Serie 8Q 87dB 52Hz-201 44Hz-45I 135° 102dE 2.8kH 130mm (5.25ii
al Application	LF	Motorised Ci3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 x 75mm (3.0in) 75mm (3.0in) 10-100W	Commerci C(115) Q Se 86 86 70Hz-2 81Hz-3 16(955 23k 10 115mm (4.5 Q	ial Round Con QCT Con rries 2 3B Contemportant 100kHz 2 100kHz 2 39 Contemportant 100kHz 2 39 Contemportant 100kHz 2 30 Contemportantter 100kHz 2 30 Contemportantter 100kHz 2 30 Contemportantter 100kHz 2 30 Contemportantter 100kHz 2 30 Contemportantter	Ci110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 170° 98dB	Commercial Rour C(1605T Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB	Model Series Nominal im Sensitivity Frequency open-backe Frequency Frequency Nominal co Max SPL (d	pedance 2.837/1m) esponse (±6dB) d tesponse (±6dB) an / rear enclosure ange (-10dB) verage (degrees) 3) requency	LF	Ci100QS Ci100QS Soundlight/ Q Series S 4Ω 12 88dB 12 80Hit-27kHz 12 150° 12 150° 12 103dB 13 3kHz 50 100mm (4in) Uni-Q 50	CISOR Soundlight/ C Series 82dB 25Hz-20kHz 22Hz-20kHz 22Hz-20kHz 22Hz-25kHz 165°	C1100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 30Hz-27kHz 130Hz-27kHz 30Hz-27kHz 75Hz 30Hz-27kHz 150° 99dB 3.5kHz	Squi C(130 FLSe 86 45Hz - 38Hz3 38Hz3 130mm (5.2	are //	Round Ci130QRR FL Series 8Q 87dB 45Hz - 34kHz 38Hz-30kHz 130° 103dB 3.8kHz 130rm (525in) Uni-Q	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (26dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency	LF	Ci160.2CL C Series 8Ω 894B 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (6.5in) Uni-Q	C1160.2CS C Series	C1302CS C Series 8Ω 87dB 52Hz-20kHz 45Hz-45kHz 140° 102aB 28kHz 130mm (5.25in) Uni-Q	C1200.2CR C Series 8Ω 90dB 45Hz-20kHz 35Hz-45khz 115° 106dB 2.4kHz	C1160.2CR C Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.8kHz 160mm (6.5in) Uni-Q	C1130.2CR C Series 8Q 87dB 52Hz-20kHz 45Hz-45khz 140° 102dB 2.8kHz 130mm (5.25in) Uni-Q	C:200ER C:200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB 2.8kHz 200mm (8in.) Uni-Q	Сі160ER E Series 8Ω 89dB 52Hz-20kHz 46Hz-45kHz 110° 110dB 2.8kHz 160mm (6.5in) Uni-Q	Ci130ER E Series 8Ω 87dB 52Hz-20kl 44Hz-45kl 135° 102dB 2.8kHz 130mm (525in. 16mm (0.6
mended high-pass filter for THX s al Application al impedance ity (2.83Y/1m) cry response (±6dB) acked ry response (±6dB) acked ry response (±6dB) acked to verage (±0dB) al coverage (±	LF	Motorised Ci3-80QT Q Series 8Q 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 × 75mm (3.0in) 75mm (3.0in) 15mm (0.6in)	Commerci C(115) Q Se 86 86 70Hz-2 81Hz-3 81Hz-3 16(955 2, 2,3k 15mm (4.5 Q -	ial Round Con QCT Con Pries Con BB Content BB Content B	ommercial Round CI110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 170° 98dB 110mm (4.3in,)	Commercial Rour C(1605T Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in.) 20-100W	Model Series Nominal im Sensitivity (Grequency) with back of Frequency (Nominal co Max SPL (d Crossover I Drive units	pedance 2.83V/1m) esponse (±6dB) d esponse (±6dB) an / rear enclosure ange (-10dB) verage (degrees) B) requency	LF MF HF	Сі100QS Soundlight/ Q Series 4Q 88dB 80Hz-27kHz 12 107 53Hz-25kHz 12 103dB 3kHz 100mm (in) Uni-Q - 50 19mm (0.75in)	CISOR Soundlight/ C Series 6Ω 82dB 25Hz-20kHz 20Hz-20kHz 22Hz-25kHz 165° 94dB	C1100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-40khz 150° 99dB 3.35kHz 75mm (3.15in) Uni-Q - 16mm (0.6in)	Squ C(130 FL Se 86 45Hz - 38Hz 38Hz 130 103 3.3k 130mm (5.2 19mm (are // // // // // // // // // // // // //	Round CI130QRR FL Series 8Q 87dB 45Hz - 34kHz - 38Hz-30kHz 130° 103dB 38Hz 130° 103dB 38Hz 130° 103dB 38kHz 130°m (0,5in), Uni-Q - 19mm (0,75in,)	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units	LF HF	C1160.2CL C Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (6.5in,) Uni-Q 16mm (0.6in,)	C1160.2CS C Series	C 1130 2CS C Series 8Ω 87dB 52Hz-20kHz 45Hz-45kHz 45Hz-45kHz 140° 102dB 2.8kHz 130mm (5.25in) Uni-Q 16mm (0.6in)	C1200.2CR C Series 8Ω 90dB 45Hz-20kHz 35Hz-45khz 115° 106dB 2.4kHz 200mm (8in,) Uni-Q 16mm (0.6in,)	Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.8kHz 160mm (6.5in.) Uni-Q 16mm (0.6in.)	C1130.2CR C Series 8Q 87dB 52Hz-20kHz 45Hz-45khz 45Hz-45khz 140° 102dB 2.8kHz 130mm (5.25in) Uni-Q 16mm (0.6in)	Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB 2.8kHz 200mm (8in.) Uni-Q 16mm (0.6in.)	C160ER E Series 8Ω 89dB 52Hz-20kHz 46Hz-45kHz 110° 104dB 2.8kHz 160mm (6.5in,) Uni-Q 16mm (0.6in,)	Сі130Е Е Serie: 80 87dB 52Hz-20k 44Hz-45k 135° 102dB 2.8kHz 130mm (5.25in 16mm (0.4 10-80V
I Application I impedance I im	LF	Motorised Ci3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 x 75mm (3.0in) 75mm (3.0in) 10-100W	Commerci C(115) Q Se 86 86 70Hz-2 81Hz-3 81Hz-3 161 955 2.3k 115mm (4) 2.3k 115mm (4) 2.3k 115mm (4) 2.3k	ial Round Con QCT Con Pries Con BB Content BB Content B	ommercial Round CI110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 170° 98dB 110mm (4.3in.) 10mm (4.3in.)	Commercial Rour C1605T Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in.)	Model Series Nominal im Sensitivity open-back Frequency in with back of Frequency in Nominal co Max SPL (d Crossover in Drive units Recommen	pedance 2.83V/1m) esponse (±6dB) d rear enclosure ange (-10dB) verage (degrees) 3) requency ded amplifier power	HF	Ci100QS Soundlight/ Q Series 4Q 88dB 80Hz-27kHz 12 107 53Hz-25kHz 12 150° 103dB 3kHz 12 100mr (in) Uni-Q - 500 19mm (0.75in) 10-50W	CISOR Soundlight/ C Series 82dB 25Hz-20kHz 70Hz-20kHz 22Hz-25kHz 165° 94dB 	Сі100.2QR Soundlight/ Q Series 4Q 83dB 90Hz-27kHz 130Hz-27kHz 130Hz-27kHz 70Hz-40khz 150° 99dB 3.5kHz 75mm (3.15in) Uni-Q - 16mm (0.6in) 10-50W	Sque Cc133 FL Se 86 874 45Hz - 38Hz- 38Hz- 130 133 130mm (5.2 130mm (5.2 130mm (5.2) 130mm (5.2)	are Image: Constraint of the second sec	Round C1130QRR FL Series 8Q 87dB 45Hz - 34kHz - 38Hz 103dB 3.8kHz 130mm (6.25in), Uni-Q - 19mm (0.75in.) 10-100W	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power	LF HF	C1160.2CL C Series 8Q 894B 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (6.5in.) Uni-Q 16mm (0.6in.) 10-100W 50Hz	C1160.2CS C Series 8Ω 89d8 52Hz.20kHz 47Hz.45kHz 120° 104d8 160mm (6,5in) Uni-Q 16nmm (0,6in) 10-100W	C (1302CS C C Series 2 80 2 87dB 2 52Hz-20kHz 2 45Hz-45kHz 2 140° 2 102dB 2 28kHz 2 130mm (5.25in, Uni-Q 1 16mm (0.6in) 1 10-80W 2 55Hz 2	C1200.2CR C Series 8Ω 90dB 45Hz-20kHz 35Hz-45khz 115° 106dB 2.4kHz 200mm (8in,) Uni-Q 16mm (0.6in,) 10-12SW	Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.8kHz 160mm (6.5in,) Uni-Q 16mm (0.6in,) 10-100W	C1130.2CR CSeries 8Ω 8Ω 87dB 52Hz-20kHz 45Hz-45khz 45Hz-45khz 140° 102dB 2.8kHz 130mm (5.25in) Uni-Q 16mm (0.6in) 10-80W	Ci200ER Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 38Hz-45kHz 100° 106dB 2.8kHz 200mm (8in.) Uni-Q 16mm (0.6in.) 10-125W	C1160ER E Series 8Ω 89dB 52Hz-20kHz 46Hz-45kHz 110° 104dB 2.8kHz 160mm (6.5in) Uni-Q 16mm (0.6in)	C1130E E Serie 8Q 87dB 52Hz-201 44Hz-45I 135° 102dE 2.8kH 130mm (5.25kl 130mm (0.
I Application Impedance Im	LF	Motorised Ci3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 x 75mm (3.0in) 75mm (3.0in) 10-100W	Commerci C (1115 Q Se 86 86 70Hz-2 81Hz-3 16 955 23k 1115mm (45 Q - 19mm (4 15-88 95 0 2 19mm (15-88 858 858	ial Round Con QCT Con Pries Con BB Content BB Content B	ommercial Round CI110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 170° 98dB 110mm (4.3in.) 10mm (4.3in.)	Commercial Rour C(1605T Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in.) 20-100W	Model Series Nominal im Sensitivity open-back Frequency in with back of Frequency in Nominal co Max SPL (d Crossover in Drive units Recommen	pedance 2.83V/1m) esponse (±6dB) d esponse (±6dB) an / rear enclosure ange (-10dB) verage (degrees) B) requency	HF	Сі100QS Soundlight/ Q Series 4Q 88dB 80Hz-27kHz 12 107 53Hz-25kHz 12 103dB 3kHz 100mm (in) Uni-Q - 50 19mm (0.75in)	CISOR Soundlight/ C Series 6Ω 82dB 25Hz-20kHz 20Hz-20kHz 22Hz-25kHz 165° 94dB	C1100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-40khz 150° 99dB 3.35kHz 75mm (3.15in) Uni-Q - 16mm (0.6in)	Sque Cc133 FL Se 86 874 45Hz - 38Hz- 38Hz- 130 133 130mm (5.2 130mm (5.2 130mm (5.2) 130mm (5.2)	are are Area - Algebra - Jab	Round CI130QRR FL Series 8Q 87dB 45Hz - 34kHz - 38Hz-30kHz 130° 103dB 38Hz 130° 103dB 38Hz 130° 103dB 38kHz 130°m (0,5in), Uni-Q - 19mm (0,75in,)	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power	LF HF (H x W x D)	C(160.2CL C Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (6.5in,) Uni-Q 16mm (0.6in,) 10-100W	C1160.2CS C Series 8Ω 89dB 52Hz-20KHz 47Hz-45KHz 120° 104dB 2.8KHz 160mm (6.5in, Uni-Q 16nmm (0.6in,) 10-100W	C 1130 2CS C Series 8Ω 87dB 57dB 52Hz-20kHz 45Hz-45kHz 45Hz-45kHz 140° 102dB 2.8kHz 130mm (5.25in,) Uni-Q 16mm (0.6in,) 10-80W	C1200.2CR C Series 8Ω 90dB 45Hz-20kHz 35Hz-45khz 115° 106dB 2.4kHz 200mm (8in,) Uni-Q 16mm (0.6in,) 10-12SW	Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.8kHz 160mm (6.5in.) Uni-Q 16mm (0.6in.)	C1130.2CR CSeries 8Ω 8Ω 87dB 52Hz-20kHz 45Hz-45khz 45Hz-45khz 140° 102dB 2.8kHz 130mm (5.25in) Uni-Q 16mm (0.6in) 10-80W	Ci200ER Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 38Hz-45kHz 100° 106dB 2.8kHz 200mm (8in.) Uni-Q 16mm (0.6in.) 10-125W	C1160ER E Series 8Ω 89dB 52Hz-20kHz 46Hz-45kHz 110° 104dB 2.8kHz 160mm (6.5in) Uni-Q 16mm (0.6in)	C1130E E Serie 8Q 87dB 52Hz-204 44Hz-454 135° 102dB 2.8kH 130mm (5.25ir 16mm (0. 16mm (0.
I Application Impedance Im	LF MF HF	Motorised Ci3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 × 75mm (3.0in) 75mm (0.6in) 10-100W 100Hz 128 × 377 × 125 mm	Commerci C (1115 Q Se 86 86 70Hz-2 81Hz-3 16 955 23k 1115mm (45 Q - 19mm (4 15-88 97 97 98 19mm (4 15-88 99 95 23k 19mm (4 99 95 23k 9 99 90 90 90 90 90 90 90 90 90 90 90 9	Ial Round Core QCT - rries - 3B - 10kHz - 00kHz - 10kHz - 10kHz <td>ommercial Round CI110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 170° 98dB 110mm (4.3in.) 10mm (4.3in.)</td> <td>Commercial Rour Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in.) 20-100W</td> <td>Model Series Nominal in Sensitivity Frequency open-backe Frequency Frequency Nominal co Max SPL (d Crossover I Drive units Recommen Recommen</td> <td>pedance 2.83V/1m) esponse (±6dB) d rear enclosure ange (-10dB) verage (degrees) 3) requency ded amplifier power</td> <td>HF (H × W × D)</td> <td>Сі100QS Soundight/ Q Series 4Q 88dB 80Hz-27kHz 12 107 53Hz-25kHz 12 103dB 103dB 3kHz 100mm (4in) Uni-Q 19mm (0.75in) 10.50W 60Hz 127 × 178 / 6 mm (50 × 5.0 × 2.99 in)</td> <td>CISOR Soundlight/ C Series 6Ω 82dB 15Hz-20kHz 22Hz-25kHz 165° 94dB 0mm (2.0in.) 10-30W 130Hz</td> <td>C1100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz 70Hz-40khz 150° 99dB 3.5kHz 75mm (3.15in) Uni-Q 16mm (0.6in,) 10-50W 80Hz</td> <td>Squ C(130 FL Se 80 87 45Hz - 38Hz-3 130 130 130 130 130 130 130 13</td> <td>are are Area - Algebra - Jab - Jab</td> <td>Round C1130QRR FL Series 8Q 87dB 45Hz - 34kHz 38Hz-30kHz 130° 103dB 3.8kHz 130mm (5.25in), Uni-Q 19mm (0.75in,) 10-100W 50Hz</td> <td>Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)* Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz)</td> <td></td> <td>C160.2CL C Series 8Q 894B 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (0.5in.) Uni-Q 16mm (0.5in.) Uni-Q 16mm (0.5in.) 10-100W 50Hz</td> <td>C1160.2CS C Series 8Q 8Q 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.8kHz 160mm (6.5in) Uni-Q 16mm (0.6in) 10-100W 50Hz 223 x 223 x 90.5 mm</td> <td>Ci130.2CS C Series BQ B7dB 52Hz-20kHz 45Hz-45kHz 140° 102dB 2.8kHz 130mm (5.2in).Uh-Q 16mm (0.6in) 10-80W 55Hz 184 x 184 x 83 mm</td> <td>C1200.2CR C Series 8Ω 90dB 45Hz-20kHz 35Hz-45khz 115° 106dB 2.4kHz 200mm (8in,) Uni-Q 16mm (0.6in,) 10-12SW</td> <td>Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.8kHz 160mm (6.5in.) Uni-Q 16mm (0.6in.)</td> <td>C1130.2CR CSeries 8Ω 8Ω 87dB 52Hz-20kHz 45Hz-45khz 45Hz-45khz 140° 102dB 2.8kHz 130mm (5.25in) Uni-Q 16mm (0.6in) 10-80W</td> <td>Ci200ER Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 38Hz-45kHz 100° 106dB 2.8kHz 200mm (8in.) Uni-Q 16mm (0.6in.) 10-125W</td> <td>C1160ER E Series 8Ω 89dB 52Hz-20kHz 46Hz-45kHz 110° 104dB 2.8kHz 160mm (6.5in) Uni-Q 16mm (0.6in)</td> <td>C1130E E Serie 8Q 87dB 52Hz-20 44Hz-45 135° 102df 2.8kH 130mm (5.25k 16mm (0 10-80\ 55Hz -</td>	ommercial Round CI110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 170° 98dB 110mm (4.3in.) 10mm (4.3in.)	Commercial Rour Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in.) 20-100W	Model Series Nominal in Sensitivity Frequency open-backe Frequency Frequency Nominal co Max SPL (d Crossover I Drive units Recommen Recommen	pedance 2.83V/1m) esponse (±6dB) d rear enclosure ange (-10dB) verage (degrees) 3) requency ded amplifier power	HF (H × W × D)	Сі100QS Soundight/ Q Series 4Q 88dB 80Hz-27kHz 12 107 53Hz-25kHz 12 103dB 103dB 3kHz 100mm (4in) Uni-Q 19mm (0.75in) 10.50W 60Hz 127 × 178 / 6 mm (50 × 5.0 × 2.99 in)	CISOR Soundlight/ C Series 6Ω 82dB 15Hz-20kHz 22Hz-25kHz 165° 94dB 0mm (2.0in.) 10-30W 130Hz	C1100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz 70Hz-40khz 150° 99dB 3.5kHz 75mm (3.15in) Uni-Q 16mm (0.6in,) 10-50W 80Hz	Squ C(130 FL Se 80 87 45Hz - 38Hz-3 130 130 130 130 130 130 130 13	are are Area - Algebra - Jab	Round C1130QRR FL Series 8Q 87dB 45Hz - 34kHz 38Hz-30kHz 130° 103dB 3.8kHz 130mm (5.25in), Uni-Q 19mm (0.75in,) 10-100W 50Hz	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)* Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz)		C160.2CL C Series 8Q 894B 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (0.5in.) Uni-Q 16mm (0.5in.) Uni-Q 16mm (0.5in.) 10-100W 50Hz	C1160.2CS C Series 8Q 8Q 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.8kHz 160mm (6.5in) Uni-Q 16mm (0.6in) 10-100W 50Hz 223 x 223 x 90.5 mm	Ci130.2CS C Series BQ B7dB 52Hz-20kHz 45Hz-45kHz 140° 102dB 2.8kHz 130mm (5.2in).Uh-Q 16mm (0.6in) 10-80W 55Hz 184 x 184 x 83 mm	C1200.2CR C Series 8Ω 90dB 45Hz-20kHz 35Hz-45khz 115° 106dB 2.4kHz 200mm (8in,) Uni-Q 16mm (0.6in,) 10-12SW	Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.8kHz 160mm (6.5in.) Uni-Q 16mm (0.6in.)	C1130.2CR CSeries 8Ω 8Ω 87dB 52Hz-20kHz 45Hz-45khz 45Hz-45khz 140° 102dB 2.8kHz 130mm (5.25in) Uni-Q 16mm (0.6in) 10-80W	Ci200ER Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 38Hz-45kHz 100° 106dB 2.8kHz 200mm (8in.) Uni-Q 16mm (0.6in.) 10-125W	C1160ER E Series 8Ω 89dB 52Hz-20kHz 46Hz-45kHz 110° 104dB 2.8kHz 160mm (6.5in) Uni-Q 16mm (0.6in)	C1130E E Serie 8Q 87dB 52Hz-20 44Hz-45 135° 102df 2.8kH 130mm (5.25k 16mm (0 10-80\ 55Hz -
ended high-pass filter for THX s Application impedance (2,83V/1m) (2,83V/1m) (3,77) (4,83V/1m) (4,83) (4,	LF	Motorised Ci3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 × 75mm (3.0in) 75mm (0.6in) 10-100W 100Hz 128 × 377 × 125 mm	Commerci C(115) Q Se 86 86 70Hz-2 81Hz-3 81Hz-3 16 955 23k 115mm (45 Q - 115mm (45 Q - 19mm (15-88 85H - 19mm (15-88 85H	ial Round Cor QCT	220mm (8.66in,)	Commercial Rour Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in) 20-100W 100-200Hz 275mm (10.83in)	Model Series Nominal in Sensitivity Frequency open-backe Frequency with back c Frequency Orequency Drive units Recommen Recommen Product exe	pedance 2.83V/1m) esponse (±6dB) d rear enclosure ange (-10dB) verage (degrees) 3) requency ded amplifier power ded high-pass filter (Hz)	HF (H x W x D) Diameter Ø	Ci100QS Ci100QS Soundlight/ Q Series S 4Q S 88dB 12 80Hz-27kHz 12 10 17 53Hz-25kHz 12 150° 12 103dB 50 100m (fin) Uni-Q 50 19mm (0.75in.) 50 10-50W 50 60Hz 50 127 x 127 x 76 mm (50 x 50 x 299 m) 80	CISOR Soundlight/ Soundlight/ 6Ω 82dB 15Hz-20kHz 20Hz-20kHz 165° 94dB 0mm (2.0in.) 10-30W 130Hz 10-10Hz	C1100.2QR Soundlight/ Q Series 4Q 83dB 90Hz-27kHz 130Hz-27kHz 70Hz-40khz 150° 99dB 3.5kHz 75mm (3.15in) Uni-Q - 16mm (0.6in) 10-50W 80Hz - 135.6mm (5.34in)	Squ C(130 FL Se 80 87 45Hz - 38Hz-3 130 130 130 130 130 130 130 13	are are Area - Algebra - Jab	Round CI130QRR FL Series 8Q 87dB 45Hz - 34kHz 38Hz 103dB 3.8kHz 130mm (6.25in) 10-100W 50Hz 200.6mm (7.9in)	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)* Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz)	(H x W x D) Diameter Ø	C160.2CL C Series 8Q 894B 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (0.5in.) Uni-Q 16mm (0.5in.) Uni-Q 16mm (0.5in.) 10-100W 50Hz	C1160.2CS C Series 8Ω 89dB 52Hz.20kHz 47Hz.45kHz 120° 120° 104dB 160mm (6.5in) Uni-Q 16nmm (0.6in) 10-100W 50Hz 223 x 223 x 90.5 mm (8.78 x 8.78 x 3.56 in)	Ci130.2CS C Series BQ B7dB 52Hz-20kHz 45Hz-45kHz 140° 102dB 2.8kHz 130mm (5.2in).Uh-Q 16mm (0.6in) 10-80W 55Hz 184 x 184 x 83 mm	Ci200.2CR 2 C Series 2 8Ω 2 90dB 2 45Hz-20kHz 2 35Hz-45khz 2 115° 2 106dB 2 200mm (8in) Uni-Q 1 100-125W 1 40Hz 2 289.6mm (11.4in) 2	C1160.2CR C Series 8Ω 894B 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.8kHz 160mm (6.5in) Uni-Q 16mm (6.6in) 10-100W 50Hz - 234.6mm (9.24in)	CI130.2CR CSenies 8Q 87dB 52Hz-20kHz 45Hz-45khz 140° 102dB 2,8kHz 130mm (5,25in,) Uni-Q 16mm (0,6in,) 10-80W 55Hz 193.4mm (7,61in,)	Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 100dB 28kHz 200mm (8in) Uni-Q 16mm (06in) 10-125W 40Hz 289.6mm (11.4in)	Ci160ER Ci160ER E Series 8Q 80dB 52Hz-20kHz 46Hz-45kHz 110° 104dB 2.8kHz 160mm (6.5in,) Uni-Q 16mm (0.6in,) 10-100V 50Hz	C(130) E Seri- 8Ω 87dE 52Hz-20 44Hz-45 135' 102d 2.8kH 130mm (2.25) 16mm (0 10-80' 55H;
Application Application (2.83V/1m) (2.83V/1m	LF (H × W × D)	Motorised Ci3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 x 75mm (3.0in,) 75mm (3.0in,) Uni-G 15mm (0.6in,) 100Hz - 100Hz - 128 x 377 x 125 mm (5.04 x 14.84 x 4.92) - - 112 x 354 mm	Commerci C.(115) Q Se 86 86 70Hz-2 81Hz-3 81Hz-3 81Hz-3 160 95c 23k 1115mm (4.5 Q - 19mm (15-80 855 - 19mm (15-80 - 19mm (15-80 - 19mm (15-80 - 19mm (15-80 - 19mm (15-80) 220mm (160mm (ial Round Cor QCT	mmercial Round Ci110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 100mr (4.3in) 10-100W 110Hz	Commercial Rour Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in) 20-100W 100-200Hz	Model Series Nominal in Sensitivity Prequency open-back Frequency with back Frequency Nominal co Recommen Recommen Product ex	pedance 2.837/Im) response (±6dB) d response (±6dB) an / rear enclosure ange (-10dB) werage (degrees) 3) requency ded amplifier power ded high-pass filter (Hz) rernal dimensions	HF HF (H x W x D) Diameter Ø Depth	G100QS G100QS Soundlight/ Q Series S 4Ω S 88dB - 80Hitz-27kHz 12 17 53Hz-25kHz 12 150° - 133B 3kHz - 50° 103aB - 50° 100mm (4in) Uni-Q - 50° 19mm (0.75in) - 50° 10-S0W - 50° 60Hz - 50° 127 x 127 x 76 mm (50 x 5.0 x 299 in) - 800 - 94.5 - 94.5 112 x 112 mm - - -	CISOR Soundlight/ C Series 6Ω 82dB 15Hz-20kHz 22Hz-25kHz 165° 94dB 0mm (2.0in.) 10-30W 130Hz	C1100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz 70Hz-40khz 150° 99dB 3.5kHz 75mm (3.15in) Uni-Q 16mm (0.6in,) 10-50W 80Hz	Squ C(130 FL Se 80 87 45Hz - 38Hz-3 38Hz-3 130 130 130 130 130 130 130 13	are Image: Constraint of the second sec	Round C1130QRR FL Series 8Q 87dB 45Hz - 34kHz 38Hz-30kHz 130° 103dB 3.8kHz 130mr (5.25in) Uni-Q 19mm (0.75in.) 10-100W 50Hz	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)* Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz)	(H x W x D) Diameter Ø Depth	C160.2CL C Series 8Q 99:4B 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (6.5in, Uni-Q 16mm (0.6in,) 10-100W 50Hz 303 x 223 x 91 mm (11.93 x 8.78 x 3.58 in,) - - 274 x 194 mm	C1160.2CS // C Series // C Ser	C 1302CS C Series 8Ω 87dB 52Hz-20kHz 45Hz-45kHz 140° 102dB 2.8kHz 130mm (5.25in) Uni-Q 130mm (5.25in) Uni-Q 146mm (0.6in) 10-80W 55Hz 184 x 194 x 83 mm (7.24 x 7.24 x 3.27 in) - 158 x 158 mm	Ci200.2CR C Series 8Ω 90dB 45Hz-20kHz 35Hz-45khz 115° 106dB 200mm (8in) Uni-Q 16mm (0.6in) 10-125W 40Hz 289.6mm (11.4in) 103.3mm (4.07in.)	Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.8kHz 160mm (6.5in,) Uni-Q 164mm (0.6in,) 10-100W 50Hz - - 234.6mm (9.24in,) 88.7mm (3.49in,)	C130.2CR CSeries 8Ω 8Ω 87dB 52Hz-20kHz 45Hz-45khz 140° 102dB 2.8kHz 130mm (5.25in) Uni-Q 16mm (0.6in) 10-80W 55Hz 55Hz	Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB 2.8kHz 200mm (8in) Uni-Q 16mm (0.6in) 16-125W 40Hz 2289.6mm (11.4in) 103.3mm (4.07in)	Ci160ER E Series 8Q 89dB 52Hz-20kHz 46Hz-45kHz 110° 104dB 2.8kHz 160mm (6.5in) Uni-Q 160mm (0.6in) 10-100W 50Hz 50Hz	Cri130 E Seri 8Ω 87df 52Hz-20 44Hz-45 135 102d 2.8k- 130mm (5.25 16mm (0 10-80 55H 193.4mm (3
nded high-pass filter for THX s Application npedance (2.83V/1m) response (±6dB) ed response (±6dB) can / rear enclosure range (-10dB) overage (degrees) B) frequency is inded amplifier power inded high-pass filter (Hz) inded low-pass filter (Hz) iternal dimensions mensions	LF LF LF LF HF HF LF L	Motorised C.3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 × 75mm (3.0in,) Uni-C 15mm (0.6in,) 10-100W 100Hz - - - - - - - - - - - - -	Commerci C.(115) Q Se 86 86 70Hz-2 81Hz-3 81Hz-3 81Hz-3 160 95c 23k 1115mm (4.5 Q - 19mm (15-80 855 - 19mm (15-80 - 19mm (15-80) - 19mm (15-80) - 19mm (15-80) - 19mm (15-80) - 19mm (15-80) - 19mm (15-80) - 19mm (19mm (ial Round Core QCT	220mm (8.66in.) 110Hz - 18kHz 105Hz-30kHz 107° 98dB 	Commercial Rous C1160ST Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in,) 20-100W 100-200Hz 100-200Hz 275mm (10.83in,) 188mm (7.40in,)	Model Series Nominal im Sensitivity (Frequency (with back c Frequency (Nominal cc Frequency (Nominal cc Prequency (Nominal cc Max SPL (d Crossover (Drive units Recommen Recommen) Cut-out dir Cut-out dir	pedance 2.837/Im) response (±6dB) d response (±6dB) an / rear enclosure ange (-10dB) werage (degrees) 3) requency ded amplifier power ded high-pass filter (Hz) rernal dimensions	HF (H × W × D) Diameter Ø Depth (H × W)	G100QS G100QS Soundlight/ Q Series S 4Ω S 88dB - 80Hitz-27kHz 12 17 17 53Hz-25kHz 12 150° - 103dB - 3kHz - 100mm (4in) Uni-Q - 19mm (0.75in) - 10-50W - 60Hz - 127 × 127 × 76 mm (50 × 5.0 × 2.99 in) - - 904.5 - 94.5 112 × 112 mm (4.41 × 4.41 in) -	Ci50R Soundlight/ C Series 6Ω 82dB 162 104z-20kHz 22Hz-25kHz 165° 94dB 0mm (2.0in.) 10-30VV 130Hz 10-30VV 130Hz	C1100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz 70Hz-40khz 150° 99dB 3.5kHz 75mm (3.15in) Uni-Q 975mm (3.15in) Uni-Q 16mm (0.6in) 10-50W 80Hz 135.6mm (5.34in) 107.5mm (4.23in)	Sque C(130 FL Se 86 87 45Hz - 38Hz- 38Hz- 338Hz- 130mm (5,2 130mm (5,2 130mm (5,2 130mm (5,2) 130mm (5,2) 19mm (10-10 500 200.5 x 200.5 (7,9 x 79)	are Image: Constraint of the second sec	Round CI130QRR FL Series 8Q 87dB 45Hz - 34kHz 38Hz-34kHz 130° 103dB 38Hz 130° 103dB 38Hz 130mm (5.25in) Uni-Q 19mm (0.75in) 10-100W 50Hz 200.6mm (7.9in) 104.6mm (4.12in)	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)* Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz)	(H x W x D) Diameter Ø	C1160.2CL C Series 8Q 894B 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (6.5in.) Uni-Q 16mm (0.6in.) 10-100W 50Hz 303 x 223 x 91 mm (11.93 x 8.78 x 3.58 in.)	C 1160.2CS C Series	C (130.2CS C) C Series 2 8Ω 2 87dB 2 52Hz-20kHz 2 45Hz-45kHz 2 140° 2 140° 2 140° 2 102dB 2 28kHz 3 130mm (5.25in,) Uni-Q 1 16mm (0.6in) 1 10-80W 2 184 × 184 × 83 mm (7.24 × 7.24 × 3.27 in,) 2 - - - - - - - - - -	Ci200.2CR 2 C Series 2 8Ω 2 90dB 2 45Hz-20kHz 2 35Hz-45khz 2 115° 2 106dB 2 200mm (8in) Uni-Q 1 100-125W 1 40Hz 2 289.6mm (11.4in) 2	C1160.2CR C Series 8Ω 894B 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.8kHz 160mm (6.5in) Uni-Q 16mm (6.6in) 10-100W 50Hz - 234.6mm (9.24in)	CI130.2CR CSenies 8Q 87dB 52Hz-20kHz 45Hz-45khz 140° 102dB 2,8kHz 130mm (5,25in,) Uni-Q 16mm (0,6in,) 10-80W 55Hz 193.4mm (7,61in,)	Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 100dB 28kHz 200mm (8in) Uni-Q 16mm (06in) 10-125W 40Hz 289.6mm (11.4in)	Ci160ER Ci160ER E Series 8Q 80dB 52Hz-20kHz 46Hz-45kHz 110° 104dB 2.8kHz 160mm (6.5in,) Uni-Q 16mm (0.6in,) 10-100V 50Hz	C(130) E Seri 8(2) 52Hz-20 44Hz-41 135 102d 2,8kH 130mm (52) 16mm (10-80 55H - 193.4mm (81mm (3
Application Applic	LF	Motorised Ci3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 × 75mm (3.0in.) 75mm (3.0in.) Uni-0 15mm (0.6in.) 10-100W 100Hz - - - 128 × 377 × 125 mm (5.04 × 14.84 × 4.92 - - - <td< td=""><td>Commerci C.(115) Q Se 86 86 70Hz-2 81Hz-3 81Hz-3 16 955 2.3k 1 115mm (4.5 Q - 19mm (15-8) 9 19mm (15-8) 19mm (160mm (160mm (</td><td>ial Round Core QCT - rries - jB - iB - iDkHz - jDkHz - jDkHz - jDkHz - jDkHz - jDkHz - jDkHz - jDith - jDith - jB - jDith - jDith - jDith - jB - jB - jDith - jDith - jCrin,) 1</td><td>mmercial Round C110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 105Hz 100W 100W 100W 110Hm (4.3in,) 220mm (8.66in,) 110mm (4.33in,) 196mm (7.71in,)</td><td>Commercial Rous C1160ST Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in,) 20-100W 100-200Hz 100-200Hz 275mm (10.83in, 188mm (7.40in,) 240mm (9.45in,)</td><td>Model Series Nominal in Sensitivity (Prequency) vith back c Frequency with back c Frequency Nominal cc Max SPL (d Crossover I Drive units Recommen Recommen Product ex Cut-out dir</td><td>pedance 2.83V/1m) esponse (±6dB) d esponse (±6dB) an / rear enclosure ange (-10dB) verage (degrees) 3) requency ded amplifier power ded high-pass filter (Hz) ternal dimensions</td><td>HF HF (H x W x D) Diameter Ø Depth</td><td>G1100QS G100QS Soundlight/ Q Series S 4Q S 88dB 12 80Hit-27kHz 12 10 17 53Hz-25kHz 12 103dB 13 3kHz 5 100mm (4in) Uni-Q 50 19mm (0.75in) 50 60Hz 50 127 x 127 x 76 mm (50 x 50 x 299 in) 90 - 904 112 x 112 mm (441 x 441 in) 65</td><td>CiSOR Soundlight/ C Series 6Ω 82dB 25Hz-20kHz 22Hz-25kHz 165° 94dB 0mm (2.0in) 10-30W 130Hz 10-30W 130Hz mm (3.15in) 5mm (3.72in)</td><td>C1100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 99dB 3.5kHz 150° 150° 16mm (0.6in,) 10.50W 80Hz 10.50W 80Hz 1135.6mm (5.34in,) 1107.5mm (4.23in,) 118.0mm (4.65in,)</td><td>Squ C(130 FL Se 86 87 45Hz - 38Hz- 130 130 130mn (5.2 130mn (5.2 130mn (5.2 19mm (10-10 5005 × 2005 (7.9 × 7.9 ; - - - - - - - - - - - - -</td><td>are Image: Constraint of the second sec</td><td>Round CI130QRR FL Series 8Q 87dB 45Hz - 34kHz 130° 103dB 3.8Hz 130mr (0.75is.) 10-100W 50Hz 200.6mm (7.9in) 104.6mm (4.12m) . 158mm (6.22n.)</td><td>Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz) Product external dimensions</td><td>(H x W x D) Diameter Ø Depth (H x W)</td><td>C160.2CL C Series 8Q 99:4B 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (6.5in, Uni-Q 16mm (0.6in,) 10-100W 50Hz 303 x 223 x 91 mm (11.93 x 8.78 x 3.58 in,) - - 274 x 194 mm</td><td>C1160.2CS // C Series // C Ser</td><td>C 1302CS C Series 8Ω 87dB 52Hz-20kHz 45Hz-45kHz 140° 102dB 2.8kHz 130mm (5.25in) Uni-Q 130mm (5.25in) Uni-Q 146mm (0.6in) 10-80W 55Hz 184 x 194 x 83 mm (7.24 x 7.24 x 3.27 in) - 158 x 158 mm</td><td>Ci200.2CR I C Series I 8Ω I 90dB I 45Hz-20kHz I 35Hz-45khz I 115° I 106dB I 200mm (Bin) Uni-Q I 16mm (0.6in) I 10-125W I 289.6mm (11.4in,) I 103.3mm (4.07in,) I</td><td>C1160.2CR C Series 8Ω 894B 52Hz-20kHz 47Hz-45kHz 120° 1044B 2.8kHz 160mm (6.5in) Uni-Q 16mm (0.6in) 10-100W 50Hz - 234.6mm (9.24in) 88.7mm (3.49in)</td><td>CI130.2CR C Series 8Q 87dB 52Hz-20kHz 45Hz-45khz 140° 102dB 2,8kHz 130mm (525in, Uni-Q 16mm (0.6in) 10-80W 55Hz 193.4mm (7.61in,) 81mm (3.19in,)</td><td>Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB 28kHz 200mm (8in) Uni-Q 16mm (06in) 10-125W 40Hz 289.6mm (11.4in.) 103.3mm (407in.)</td><td>Ci160ER E Series 8Q 83dB 52Hz-20kHz 46Hz-45kHz 110° 104dB 248Hz 160mm (6.5in,) Uni-Q 16mm (0.6in,) 10-100V 50Hz 234.6mm (9.24in,) 88.7mm (3.49in,)</td><td>Ci130 E Seri 8(2) 52Hz-2(44Hz-4: 135 1024 2,8H4 130m (52 55H 10-80 55H 193.4mm (81mm (3</td></td<>	Commerci C.(115) Q Se 86 86 70Hz-2 81Hz-3 81Hz-3 16 955 2.3k 1 115mm (4.5 Q - 19mm (15-8) 9 19mm (15-8) 19mm (160mm (160mm (ial Round Core QCT - rries - jB - iB - iDkHz - jDkHz - jDkHz - jDkHz - jDkHz - jDkHz - jDkHz - jDith - jDith - jB - jDith - jDith - jDith - jB - jB - jDith - jDith - jCrin,) 1	mmercial Round C110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 105Hz 100W 100W 100W 110Hm (4.3in,) 220mm (8.66in,) 110mm (4.33in,) 196mm (7.71in,)	Commercial Rous C1160ST Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in,) 20-100W 100-200Hz 100-200Hz 275mm (10.83in, 188mm (7.40in,) 240mm (9.45in,)	Model Series Nominal in Sensitivity (Prequency) vith back c Frequency with back c Frequency Nominal cc Max SPL (d Crossover I Drive units Recommen Recommen Product ex Cut-out dir	pedance 2.83V/1m) esponse (±6dB) d esponse (±6dB) an / rear enclosure ange (-10dB) verage (degrees) 3) requency ded amplifier power ded high-pass filter (Hz) ternal dimensions	HF HF (H x W x D) Diameter Ø Depth	G1100QS G100QS Soundlight/ Q Series S 4Q S 88dB 12 80Hit-27kHz 12 10 17 53Hz-25kHz 12 103dB 13 3kHz 5 100mm (4in) Uni-Q 50 19mm (0.75in) 50 60Hz 50 127 x 127 x 76 mm (50 x 50 x 299 in) 90 - 904 112 x 112 mm (441 x 441 in) 65	CiSOR Soundlight/ C Series 6Ω 82dB 25Hz-20kHz 22Hz-25kHz 165° 94dB 0mm (2.0in) 10-30W 130Hz 10-30W 130Hz mm (3.15in) 5mm (3.72in)	C1100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 99dB 3.5kHz 150° 150° 16mm (0.6in,) 10.50W 80Hz 10.50W 80Hz 1135.6mm (5.34in,) 1107.5mm (4.23in,) 118.0mm (4.65in,)	Squ C(130 FL Se 86 87 45Hz - 38Hz- 130 130 130mn (5.2 130mn (5.2 130mn (5.2 19mm (10-10 5005 × 2005 (7.9 × 7.9 ; - - - - - - - - - - - - -	are Image: Constraint of the second sec	Round CI130QRR FL Series 8Q 87dB 45Hz - 34kHz 130° 103dB 3.8Hz 130mr (0.75is.) 10-100W 50Hz 200.6mm (7.9in) 104.6mm (4.12m) . 158mm (6.22n.)	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz) Product external dimensions	(H x W x D) Diameter Ø Depth (H x W)	C160.2CL C Series 8Q 99:4B 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (6.5in, Uni-Q 16mm (0.6in,) 10-100W 50Hz 303 x 223 x 91 mm (11.93 x 8.78 x 3.58 in,) - - 274 x 194 mm	C1160.2CS // C Series // C Ser	C 1302CS C Series 8Ω 87dB 52Hz-20kHz 45Hz-45kHz 140° 102dB 2.8kHz 130mm (5.25in) Uni-Q 130mm (5.25in) Uni-Q 146mm (0.6in) 10-80W 55Hz 184 x 194 x 83 mm (7.24 x 7.24 x 3.27 in) - 158 x 158 mm	Ci200.2CR I C Series I 8Ω I 90dB I 45Hz-20kHz I 35Hz-45khz I 115° I 106dB I 200mm (Bin) Uni-Q I 16mm (0.6in) I 10-125W I 289.6mm (11.4in,) I 103.3mm (4.07in,) I	C1160.2CR C Series 8Ω 894B 52Hz-20kHz 47Hz-45kHz 120° 1044B 2.8kHz 160mm (6.5in) Uni-Q 16mm (0.6in) 10-100W 50Hz - 234.6mm (9.24in) 88.7mm (3.49in)	CI130.2CR C Series 8Q 87dB 52Hz-20kHz 45Hz-45khz 140° 102dB 2,8kHz 130mm (525in, Uni-Q 16mm (0.6in) 10-80W 55Hz 193.4mm (7.61in,) 81mm (3.19in,)	Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB 28kHz 200mm (8in) Uni-Q 16mm (06in) 10-125W 40Hz 289.6mm (11.4in.) 103.3mm (407in.)	Ci160ER E Series 8Q 83dB 52Hz-20kHz 46Hz-45kHz 110° 104dB 248Hz 160mm (6.5in,) Uni-Q 16mm (0.6in,) 10-100V 50Hz 234.6mm (9.24in,) 88.7mm (3.49in,)	Ci130 E Seri 8(2) 52Hz-2(44Hz-4: 135 1024 2,8H4 130m (52 55H 10-80 55H 193.4mm (81mm (3
Application Application (2.83V/1m) response (±6dB) ed response (±6dB) ed response (±6dB) an / rear enclosure range (-10dB) overage (degrees) HB) frequency cheded amplifier power nded high-pass filter (Hz) nded low-pass filter (Hz) cternal dimensions mensions t	LF LF LF LF HF HF LF L	Motorised Ci3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 x 75mm (3.0in,) 75mm (3.0in,) Uni-G 15mm (0.6in,) 100Hz - 100Hz - 128 x 377 x 125 mm (5.04 x 14.84 x 4.92) - - 112 x 354 mm	Commerci C1115 Q Se 86 70Hz-2 81Hz-3 81Hz-3 16 955 23k 1115mm (45 Q - 19mm (15-88 85H 35 9 9 19mm (15-88 85H 35 9 19mm (15-88 85H 35 9 19mm (15-88 10 19mm (160mm	ial Round Core QCT - vries - JB - JOHHZ - JB - JB - JB - JDHQ - JDTSIN - JVV -	Ci110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 110mm (4.3in) 10-100W 110mm (4.3in) 10-100W 110Hz 220mm (8.66in,) 110mm (4.3in,) 110mm (4.3in,) 110mm (4.3in,) 1225 kg (4.95lbs)	Commercial Rour Ci1605T Classic Series 4Ω 85sB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in) 20-100W 100-200Hz 275mm (10.83in, 188mm (7.40in) 240mm (9.45in) 3.4 kg (7.48lbs)	Model Series Nominal in Sensitivity Frequency open-backe Frequency with back c Frequency Nominal cc Max SPL (d Crossover 1 Drive units Recommen Recommen Cut-out dir	pedance 2.83V/1m) exponse (±6dB) d rear enclosure ange (-10dB) verage (degrees) 8) requency ded amplifier power ded high-pass filter (Hz) eernal dimensions	HF (H × W × D) Diameter Ø Depth (H × W)	C1100QS C1100QS Soundlight/ Q Series S 4Ω 8848 80H2:27kHz 12 1 7 53H2:25kHz 12 150° 12 103dB 12 100mm (4in) Un-Q 50 19mm (0.75in) 50 10.50W 50 60Hz 127 × 127 × 76 mm, (4.41 × 4.41 in), (4.41 × 4.41	C (50R Sourdlight/ C Series 6Q 82d8 25Hz-20kHz 25Hz-20kHz 165° 94d8 00mm (2.0in,) 10-30VV 130Hz 10-30VV 130Hz 10-30VV 130Hz 10-30VV	C1100.2QR Soundlight/ Q Series 4Q 83dB 90Hz-27kHz 130Hz-27kHz 70Hz-40khz 150° 99dB 3.5kHz 75mm (3.15in) Uni-Q 16mm (0.6in) 10-50W 80Hz 135.6mm (5.34in) 107.5mm (4.23in) 107.5mm (4.23in) 118.0mm (4.65in) 0.50kg (1.10lbs)	Sque C(130 FL Se 86 87 45Hz - 38Hz- 38Hz- 38Hz- 130mm (5.2 130mm (5.2 130mm (5.2 130mm (5.2 130mm (5.2) 130mm (5.2) 19mm (1 10-10 500 200.5 × 200.5 (7.9 × 7.9) - - - - - - - - - - - - -	are are are are are are QSR are cries are 3 are 34kHz are 34kHz are 34kHz are 30kHz are 0° are 0° are 0° are 0.75in) br 0.75in) are 0.75in) are 0.75in) are 500W are 4. are 5.2 are are 5.2 are are 5.8 mm are 5.22 are are 5.53lbs) are	Round CI130QRI FL Series 8Ω 87dB 45Hz - 34kHz 130° 103dB 3.8Hz 103dB 3.8Hz 103dB 3.8Hz 103mm (0.75in) 10-100W 50Hz 200.6mm (7.9in) 104.6mm (4.12in) 158mm (6.2zin.) 1.45kg (3.19ibs.)	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz) Product external dimensions Cut-out dimensions	(H x W x D) Diameter Ø Depth	C160.2CL C Series 8Q 99dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (0.5in,) Uni-Q 16mm (0.5in,) Uni-Q 16mm (0.5in,) Uni-Q 16mm (0.5in,) Uni-Q 16mm (0.5in,) Uni-Q 16mm (0.5in,) Uni-Q 16mm (0.5in,) Uni-Q 1.5kHz 303 x 223 x 91 mm (11.93 x 8.78 x 3.58 in,)	C1160.2CS C Series BQ BQ S2Hz-20kHz C Series C S	C 130.2CS C Series C	G1200.2CR C Series 8Ω 90dB 45Hz-20kHz 35Hz-45khz 115° 106dB 200mm (8in) Uni-Q 16mm (0.6in,) 10-125W 289.6mm (11.4in,) 103.3mm (4.07in,) - 240mm (9.45in,)	Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.8kHz 160mm (6.5in) Uni-Q 164mm (0.6in) 10-100W 50Hz 234.6mm (9.24in) 88.7mm (3.49in) 88.7mm (3.49in)	CI130.2CR CSPIES 8Q 8Q 87dB 52Hz-20kHz 45Hz-45khz 140° 102dB 28kHz 130mm (5.25in) UnI-Q 16mm (0.6in) 10-80W 55Hz 10-80W 55Hz 193.4mm (7.61in) 81mm (3.19in)	Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB 200mm (8in) Uni-Q 106dB 200mm (8in) Uni-Q 10-125W 40Hz 289.6mm (11.4in) 103.3mm (4.07in,) - 240mm (9.45in,)	Ci160ER Ci160ER E Series 8Q 83dB 52Hz-20KHz 46Hz-45KHz 110° 104dB 2.8KHz 110° 104dB 2.8KHz 160mr (6.5in) Uni-Q 16mm (6.5in) Uni-Q 30Hz 2.8KHz 100WV 30Hz 30	Ci13C E Ser 87/ 52Hz-2 44Hz-4 135 102/ 2.8kl 130mm (52 16mm (10-8C 55H 193.4mm 81mm (3
Application Application (2.83V/1m) (response (±6dB) (cd (2.63V/1m) (response (±6dB) (cd (cd, cd) (cd) (cd) (cd) (cd) (cd) (cd) (cd) (LF LF LF LF HF HF LF L	Motorised Ci3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 × 75mm (3.0in.) 75mm (3.0in.) Uni-0 15mm (0.6in.) 10-100W 100Hz - - - 128 × 377 × 125 mm (5.04 × 14.84 × 4.92 - - - <td< td=""><td>Commerci C.(115) Q Se 86 86 70Hz-2 81Hz-3 81Hz-3 16 955 2.3k 1 115mm (4.5 Q - 19mm (15-8) 9 19mm (15-8) 19mm (160mm (160mm (</td><td>ial Round Core QCT - vries - JB - JOHHZ - JB - JB - JB - JDHQ - JDTSIN - JVV - </td><td>mmercial Round C110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 105Hz 100W 100W 100W 110Hm (4.3in,) 220mm (8.66in,) 110mm (4.33in,) 196mm (7.71in,)</td><td>Commercial Rous C1160ST Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in,) 20-100W 100-200Hz 100-200Hz 275mm (10.83in, 188mm (7.40in,) 240mm (9.45in,)</td><td>Model Series Nominal im Sensitivity Prequency open-backe Frequency with back c Frequency Nominal co Max SPL (d Crossover t Drive units Recommen Recommen Cut-out dir Net Weigh Mounting d</td><td>pedance 2.837/Im) response (±6dB) d response (±6dB) an / rear enclosure ange (-10dB) werage (degrees) B) requency ded amplifier power ded high-pass filter (Hz) rernal dimensions nensions epth from surface</td><td>HF (H × W × D) Diameter Ø Depth (H × W)</td><td>C1100QS C1100QS Soundlight/ Q Series S 4Ω 8848 80H2:27kHz 12 1 7 53H2:25kHz 12 150° 12 103dB 12 100mm (4in) Un-Q 50 19mm (0.75in) 50 10.50W 50 60Hz 127 × 127 × 76 mm, (4.41 × 4.41 in), (4.41 × 4.41</td><td>CiSOR Soundlight/ C Series 6Ω 82dB 25Hz-20kHz 22Hz-25kHz 165° 94dB 0mm (2.0in) 10-30W 130Hz 10-30W 130Hz mm (3.15in) 5mm (3.72in)</td><td>C1100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 99dB 3.5kHz 150° 150° 16mm (0.6in,) 10.50W 80Hz 10.50W 80Hz 1135.6mm (5.34in,) 1107.5mm (4.23in,) 118.0mm (4.65in,)</td><td>Squ C(130 FL Se 86 87 45Hz - 38Hz- 130 130 130mn (5.2 130mn (5.2 130mn (5.2 19mm (10-10 5005 × 2005 (7.9 × 7.9 ; - - - - - - - - - - - - -</td><td>are are are are are are QSR are cries are 3 are 34kHz are 34kHz are 34kHz are 30kHz are 0° are 0° are 0° are 0.75in) br 0.75in) are 0.75in) are 0.75in) are 500W are 4. are 5.2 are are 5.2 are are 5.8 mm are 5.22 are are 5.53lbs) are</td><td>Round CI130QRR FL Series 8Q 87dB 45Hz - 34kHz 130° 103dB 3.8Hz 130mr (0.75is.) 10-100W 50Hz 200.6mm (7.9in) 104.6mm (4.12m) . 158mm (6.22n.)</td><td>Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz) Product external dimensions Cut-out dimensions Net Weight</td><td>(H x W x D) Diameter Ø Depth (H x W)</td><td>C160.2CL C Series 8Q 99:dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (0.5in,) Uni-Q 16mm (0.6in,) 10-100W 50Hz 303 x 223 x 91 mm (11.93 x 8.78 x 3.58 in,) - - - 1.87kg (4.12lbs.)</td><td>C1160.2CS // 2014 BQ // 2014 BQ // 2014 BQ // 2014 BV // 2014 BV // 2014 C1100 // 2014 C1</td><td>C 1302CS C Series C S</td><td>Ci200.2CR I C Series I 8Ω I 90dB I 45Hz-20kHz I 35Hz-45khz I 115° I 106dB I 200mm (8in) Uni-Q I 16m (0.6in) I 10-125W I 289.6mm (11.4in) I 103.3mm (4.07in) I - - 240mm (9.45in) I</td><td>Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.8kHz 160mm (6.5in.) Uni-Q 16mm (0.6in.) 10-100W 50Hz - 234.6mm (9.24in.) 88.7mm (3.49in.) 88.7mm (3.49in.)</td><td>C130.2CR CSPies 8Q 8Q 87dB 52Hz-20kHz 45Hz-45khz 140° 102dB 28kHz 130mm (5.25in) Uni-Q 16mm (0.6in) 10-80W 55Hz 16mm (7.61in) 193.4mm (7.61in) 81mm (3.19in) 158mm (6.22in) 12kg (2.7bs)</td><td>Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB 2.8kHz 200mm (8in) Uni-Q 16mm (0.6in) 10-125W 40Hz 289.6mm (11.4in) 103.3mm (4.07in) 240mm (9.45in) 1.6kg (3.6lis)</td><td>C1160ER E Series 8Ω 8Ω 83dB 52Hz-20kHz 10² 110² 110² 110² 110⁴B 2.8kHz 160mm (6.5in) Uni-Q 160mm (6.5in) Uni-Q 160mm (5.0in) Uni-Q 10-100V 50Hz . 234.6mm (9.24in.) 88.7mm (3.49in.) . .196mm (7.71in.) 1.4kg (3.1bs)</td><td>C(113) E Se 8(0) 52Hz-2 44Hz-4 133 100 2.28k 130mm (5.2 18mm 10-8 55h 193.4mm 81mm (1193.4mm</td></td<>	Commerci C.(115) Q Se 86 86 70Hz-2 81Hz-3 81Hz-3 16 955 2.3k 1 115mm (4.5 Q - 19mm (15-8) 9 19mm (15-8) 19mm (160mm (160mm (ial Round Core QCT - vries - JB - JOHHZ - JB - JB - JB - JDHQ - JDTSIN - JVV -	mmercial Round C110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 105Hz 100W 100W 100W 110Hm (4.3in,) 220mm (8.66in,) 110mm (4.33in,) 196mm (7.71in,)	Commercial Rous C1160ST Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in,) 20-100W 100-200Hz 100-200Hz 275mm (10.83in, 188mm (7.40in,) 240mm (9.45in,)	Model Series Nominal im Sensitivity Prequency open-backe Frequency with back c Frequency Nominal co Max SPL (d Crossover t Drive units Recommen Recommen Cut-out dir Net Weigh Mounting d	pedance 2.837/Im) response (±6dB) d response (±6dB) an / rear enclosure ange (-10dB) werage (degrees) B) requency ded amplifier power ded high-pass filter (Hz) rernal dimensions nensions epth from surface	HF (H × W × D) Diameter Ø Depth (H × W)	C1100QS C1100QS Soundlight/ Q Series S 4Ω 8848 80H2:27kHz 12 1 7 53H2:25kHz 12 150° 12 103dB 12 100mm (4in) Un-Q 50 19mm (0.75in) 50 10.50W 50 60Hz 127 × 127 × 76 mm, (4.41 × 4.41 in), (4.41 × 4.41	CiSOR Soundlight/ C Series 6Ω 82dB 25Hz-20kHz 22Hz-25kHz 165° 94dB 0mm (2.0in) 10-30W 130Hz 10-30W 130Hz mm (3.15in) 5mm (3.72in)	C1100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 130Hz-27kHz 99dB 3.5kHz 150° 150° 16mm (0.6in,) 10.50W 80Hz 10.50W 80Hz 1135.6mm (5.34in,) 1107.5mm (4.23in,) 118.0mm (4.65in,)	Squ C(130 FL Se 86 87 45Hz - 38Hz- 130 130 130mn (5.2 130mn (5.2 130mn (5.2 19mm (10-10 5005 × 2005 (7.9 × 7.9 ; - - - - - - - - - - - - -	are are are are are are QSR are cries are 3 are 34kHz are 34kHz are 34kHz are 30kHz are 0° are 0° are 0° are 0.75in) br 0.75in) are 0.75in) are 0.75in) are 500W are 4. are 5.2 are are 5.2 are are 5.8 mm are 5.22 are are 5.53lbs) are	Round CI130QRR FL Series 8Q 87dB 45Hz - 34kHz 130° 103dB 3.8Hz 130mr (0.75is.) 10-100W 50Hz 200.6mm (7.9in) 104.6mm (4.12m) . 158mm (6.22n.)	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz) Product external dimensions Cut-out dimensions Net Weight	(H x W x D) Diameter Ø Depth (H x W)	C160.2CL C Series 8Q 99:dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (0.5in,) Uni-Q 16mm (0.6in,) 10-100W 50Hz 303 x 223 x 91 mm (11.93 x 8.78 x 3.58 in,) - - - 1.87kg (4.12lbs.)	C1160.2CS // 2014 BQ // 2014 BQ // 2014 BQ // 2014 BV // 2014 BV // 2014 C1100 // 2014 C1	C 1302CS C Series C S	Ci200.2CR I C Series I 8Ω I 90dB I 45Hz-20kHz I 35Hz-45khz I 115° I 106dB I 200mm (8in) Uni-Q I 16m (0.6in) I 10-125W I 289.6mm (11.4in) I 103.3mm (4.07in) I - - 240mm (9.45in) I	Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.8kHz 160mm (6.5in.) Uni-Q 16mm (0.6in.) 10-100W 50Hz - 234.6mm (9.24in.) 88.7mm (3.49in.) 88.7mm (3.49in.)	C130.2CR CSPies 8Q 8Q 87dB 52Hz-20kHz 45Hz-45khz 140° 102dB 28kHz 130mm (5.25in) Uni-Q 16mm (0.6in) 10-80W 55Hz 16mm (7.61in) 193.4mm (7.61in) 81mm (3.19in) 158mm (6.22in) 12kg (2.7bs)	Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB 2.8kHz 200mm (8in) Uni-Q 16mm (0.6in) 10-125W 40Hz 289.6mm (11.4in) 103.3mm (4.07in) 240mm (9.45in) 1.6kg (3.6lis)	C1160ER E Series 8Ω 8Ω 83dB 52Hz-20kHz 10 ² 110 ² 110 ² 110 ² 110 ⁴ B 2.8kHz 160mm (6.5in) Uni-Q 160mm (6.5in) Uni-Q 160mm (5.0in) Uni-Q 10-100V 50Hz . 234.6mm (9.24in.) 88.7mm (3.49in.) . .196mm (7.71in.) 1.4kg (3.1bs)	C(113) E Se 8(0) 52Hz-2 44Hz-4 133 100 2.28k 130mm (5.2 18mm 10-8 55h 193.4mm 81mm (1193.4mm
Application Application Inpedance (283V/1m) response (±6dB) ed response (±6dB) ed response (±6dB) overage (degrees) #B) frequency s inded amplifier power ided high-pass filter (Hz) ided low-pass filter (Hz) ided for surface depth from surface	LF LF LF LF HF HF LF L	Motorised Ci3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 × 75mm (3.0in.) 75mm (3.0in.) Uni-0 15mm (0.6in.) 10-100W 100Hz - - - 128 × 377 × 125 mm (5.04 × 14.84 × 4.92 - - - <td< td=""><td>Commerci C (1115 Q Se 86 70Hz-2 81Hz-3 16 955 23k 1115mm (45 92 23k 1115mm (45 95 23k 1115mm (45 95 23k 1115mm (45 95 23k 115mm (24 95 23k 115mm (200m (160mm (27 kg (27 kg (2157mm (27 kg (2157mm (</td><td>ial Round Core QCT - vries - JB - JOHHZ - JB - JB - JB - JDHQ - JDTSIN - JVV - </td><td>Ci110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 110mm (4.3in) 10-100W 110mm (4.3in) 10-100W 110Hz 220mm (8.66in,) 110mm (4.3in,) 110mm (4.3in,) 110mm (4.3in,) 1225 kg (4.95lbs)</td><td>Commercial Rour Ci1605T Classic Series 4Ω 85sB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in) 20-100W 100-200Hz 275mm (10.83in, 188mm (7.40in) 240mm (9.45in) 3.4 kg (7.48lbs)</td><td>Model Series Nominal im Sensitivity (Frequency (with back c Frequency (with back c Frequency (Nominal cc Max SPL (d Crossover (Drive units Recommen Recommen) Product ex Net Weigh Mounting d Mounting d</td><td>pedance 2.83V/1m) esponse (±6dB) d esponse (±6dB) an / rear enclosure ange (-10dB) verage (degrees) 3) ded amplifier power ded high-pass filter (Hz) ernal dimensions espoth from surface epth from surface</td><td>HF (H × W × D) Diameter Ø Depth (H × W)</td><td>C1100QS C1100QS Soundlight/ Q Series S 4Ω 8848 80Hz-27kHz 12 - 17 53Hz-25kHz 12 150° 12 103dB 3kHz 100mm (4in) Un-Q - 100mm (4in) Un-Q - 100mm (4in) Un-Q - 1050W - 1050W - 1027 x 127 x 76 mm (441 x 441 in) - - 944 112 x 112 mm (441 x 441 in) - - 655 0.67kg (1.48bs,) 0.11 72mm (283in) 90</td><td>C (50R Sourdlight/ C Series 6Q 82d8 25Hz-20kHz 25Hz-20kHz 165° 94d8 00mm (2.0in,) 10-30VV 130Hz 10-30VV 130Hz 10-30VV 130Hz 10-30VV 130Hz 10-30VV</td><td>C1100.2QR Soundlight/ Q Series 4Q 83dB 90Hz-27kHz 130Hz-27kHz 70Hz-40khz 150° 99dB 3.5kHz 75mm (3.15in) Uni-Q 16mm (0.6in) 10-50W 80Hz 135.6mm (5.34in) 107.5mm (4.23in) 107.5mm (4.23in) 118.0mm (4.65in) 0.50kg (1.10lbs)</td><td>Sque C(1130 FL Se 86 87 45Hz - 38Hz-3 38Hz-3 130mn (5.2 130mn (5.2 130mn (5.2 130mn (5.2) 130mn (5.2) 130mn (5.2) 130mn (5.2) 130mn (5.2) 158 x 1 (6.22 × 4 1.6kg (3 101mm</td><td>are are are are are are QSR are cries are 3 are 34kHz are 34kHz are 34kHz are 30kHz are 0° are 0° are 0° are 0.75in) br 0.75in) are 0.75in) are 0.75in) are 5.00W are 4. are 5.22 (n) are 5.22 (n) are 5.31bs) are</td><td>Round CI130QRI FL Series 8Ω 87dB 45Hz - 34kHz 130° 103dB 3.8Hz 103dB 3.8Hz 103dB 3.8Hz 103mm (0.75in) 10-100W 50Hz 200.6mm (7.9in) 104.6mm (4.12in) 158mm (6.2zin.) 1.45kg (3.19ibs.)</td><td>Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz) Product external dimensions Cut-out dimensions Net Weight Mounting depth from surface</td><td>(H x W x D) Diameter Ø Depth (H x W)</td><td>C160.2CL C Series 8Q 894B 52Hz-20kHz 47Hz-45kHz 120° 104dB 25kHz 160mm (6.5in,) Uni-Q 16mm (0.6in,) 10-100W 50Hz 303 x 223 x 91 mm (11.93 x 8.78 x 3.58 in,) - - 274 x 194 mm (10.79 x 7.64 in,) - 1.87kg (4.12lbs,) 84.5mm (3.33in,)</td><td>C160.2CS I C Series I 8Ω I B9dB I 52Hz-20kHz I 47Hz-45kHz I 120° I 104dB I 2.8kHz I 160mm (6.5in) Uni-Q I 160mm (0.6in) I 160mm (0.6in) I 10-100W I S0Hz I 223 x 223 x 905 mm (8.78 x 8.78 x 3.56 in) I - - - I 194 x 194 mm (7.64 x 7.64 in) I - - 1.70kg (3.74bs,) I 84.5mm (3.33in) I</td><td>C 1302CS C Series C S</td><td>Ci200.2CR I C Series I 8Ω I 90dB I 45Hz-20kHz I 35Hz-45khz I 106dB I 200mm (8in) Uhi-Q I 106mm (0.6in) I 10-125W I 40Hz I 103.3mm (4.07in) I 240mm (9.45in) I 1.6kg (3.6lbs) I</td><td>Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz 120° 104dB 2.8kHz 160mm (6.5in,) Uni-Q 166mm (6.5in,) Uni-Q 166mm (0.6in) 10-100W 50Hz - 234.6mm (9.24in,) 88.7mm (3.49in,) 196mm (7.71in,) 1.4kg (3.11ba) 85.2mm (3.35in,)</td><td>C130.2CR C130.2CR C Series 8Q 87dB 52Hz-20kHz 45Hz-45khz 140° 140° 140° 140° 140° 140° 140° 140°</td><td>Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB 2.8kHz 200mm (8in, Uni-Q 16mm (0.6in,) 10-125W 40Hz 289.6mm (11.4in,) 103.3mm (4.07in,) 240mm (9.45in,) 1.6kg (3.6lbs) 97.2mm (3.83in,)</td><td>C1160ER E Series 8Ω 83dB 52Hz-20kHz 10° 110° 110° 110° 110° 110° 110° 110° 110° 110° 110° 110° 104B 2.8kHz 160mm (6.5in) Uni-Q 160mm (0.6in) 10-100V 50Hz . 234.6mm (9.24in) 88.7mm (3.49in) . . 196mm (7.71in) 14kg (3.1bs) 85.2mm (3.35in)</td><td>Ci13 E Se 80 52Hz-1 44Hz- 133 100 28k 130mm (5.2 16mm 1 10-8 55b - 1934mm 81mm (81mm (81mm (81mm (2,2) 158mm 1 12kg (77.5mm</td></td<>	Commerci C (1115 Q Se 86 70Hz-2 81Hz-3 16 955 23k 1115mm (45 92 23k 1115mm (45 95 23k 1115mm (45 95 23k 1115mm (45 95 23k 115mm (24 95 23k 115mm (200m (160mm (27 kg (27 kg (2157mm (27 kg (2157mm (ial Round Core QCT - vries - JB - JOHHZ - JB - JB - JB - JDHQ - JDTSIN - JVV -	Ci110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 110mm (4.3in) 10-100W 110mm (4.3in) 10-100W 110Hz 220mm (8.66in,) 110mm (4.3in,) 110mm (4.3in,) 110mm (4.3in,) 1225 kg (4.95lbs)	Commercial Rour Ci1605T Classic Series 4Ω 85sB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in) 20-100W 100-200Hz 275mm (10.83in, 188mm (7.40in) 240mm (9.45in) 3.4 kg (7.48lbs)	Model Series Nominal im Sensitivity (Frequency (with back c Frequency (with back c Frequency (Nominal cc Max SPL (d Crossover (Drive units Recommen Recommen) Product ex Net Weigh Mounting d Mounting d	pedance 2.83V/1m) esponse (±6dB) d esponse (±6dB) an / rear enclosure ange (-10dB) verage (degrees) 3) ded amplifier power ded high-pass filter (Hz) ernal dimensions espoth from surface epth from surface	HF (H × W × D) Diameter Ø Depth (H × W)	C1100QS C1100QS Soundlight/ Q Series S 4Ω 8848 80Hz-27kHz 12 - 17 53Hz-25kHz 12 150° 12 103dB 3kHz 100mm (4in) Un-Q - 100mm (4in) Un-Q - 100mm (4in) Un-Q - 1050W - 1050W - 1027 x 127 x 76 mm (441 x 441 in) - - 944 112 x 112 mm (441 x 441 in) - - 655 0.67kg (1.48bs,) 0.11 72mm (283in) 90	C (50R Sourdlight/ C Series 6Q 82d8 25Hz-20kHz 25Hz-20kHz 165° 94d8 00mm (2.0in,) 10-30VV 130Hz 10-30VV 130Hz 10-30VV 130Hz 10-30VV 130Hz 10-30VV	C1100.2QR Soundlight/ Q Series 4Q 83dB 90Hz-27kHz 130Hz-27kHz 70Hz-40khz 150° 99dB 3.5kHz 75mm (3.15in) Uni-Q 16mm (0.6in) 10-50W 80Hz 135.6mm (5.34in) 107.5mm (4.23in) 107.5mm (4.23in) 118.0mm (4.65in) 0.50kg (1.10lbs)	Sque C(1130 FL Se 86 87 45Hz - 38Hz-3 38Hz-3 130mn (5.2 130mn (5.2 130mn (5.2 130mn (5.2) 130mn (5.2) 130mn (5.2) 130mn (5.2) 130mn (5.2) 158 x 1 (6.22 × 4 1.6kg (3 101mm	are are are are are are QSR are cries are 3 are 34kHz are 34kHz are 34kHz are 30kHz are 0° are 0° are 0° are 0.75in) br 0.75in) are 0.75in) are 0.75in) are 5.00W are 4. are 5.22 (n) are 5.22 (n) are 5.31bs) are	Round CI130QRI FL Series 8Ω 87dB 45Hz - 34kHz 130° 103dB 3.8Hz 103dB 3.8Hz 103dB 3.8Hz 103mm (0.75in) 10-100W 50Hz 200.6mm (7.9in) 104.6mm (4.12in) 158mm (6.2zin.) 1.45kg (3.19ibs.)	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz) Product external dimensions Cut-out dimensions Net Weight Mounting depth from surface	(H x W x D) Diameter Ø Depth (H x W)	C160.2CL C Series 8Q 894B 52Hz-20kHz 47Hz-45kHz 120° 104dB 25kHz 160mm (6.5in,) Uni-Q 16mm (0.6in,) 10-100W 50Hz 303 x 223 x 91 mm (11.93 x 8.78 x 3.58 in,) - - 274 x 194 mm (10.79 x 7.64 in,) - 1.87kg (4.12lbs,) 84.5mm (3.33in,)	C160.2CS I C Series I 8Ω I B9dB I 52Hz-20kHz I 47Hz-45kHz I 120° I 104dB I 2.8kHz I 160mm (6.5in) Uni-Q I 160mm (0.6in) I 160mm (0.6in) I 10-100W I S0Hz I 223 x 223 x 905 mm (8.78 x 8.78 x 3.56 in) I - - - I 194 x 194 mm (7.64 x 7.64 in) I - - 1.70kg (3.74bs,) I 84.5mm (3.33in) I	C 1302CS C Series C S	Ci200.2CR I C Series I 8Ω I 90dB I 45Hz-20kHz I 35Hz-45khz I 106dB I 200mm (8in) Uhi-Q I 106mm (0.6in) I 10-125W I 40Hz I 103.3mm (4.07in) I 240mm (9.45in) I 1.6kg (3.6lbs) I	Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz 120° 104dB 2.8kHz 160mm (6.5in,) Uni-Q 166mm (6.5in,) Uni-Q 166mm (0.6in) 10-100W 50Hz - 234.6mm (9.24in,) 88.7mm (3.49in,) 196mm (7.71in,) 1.4kg (3.11ba) 85.2mm (3.35in,)	C130.2CR C130.2CR C Series 8Q 87dB 52Hz-20kHz 45Hz-45khz 140° 140° 140° 140° 140° 140° 140° 140°	Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB 2.8kHz 200mm (8in, Uni-Q 16mm (0.6in,) 10-125W 40Hz 289.6mm (11.4in,) 103.3mm (4.07in,) 240mm (9.45in,) 1.6kg (3.6lbs) 97.2mm (3.83in,)	C1160ER E Series 8Ω 83dB 52Hz-20kHz 10° 110° 110° 110° 110° 110° 110° 110° 110° 110° 110° 110° 104B 2.8kHz 160mm (6.5in) Uni-Q 160mm (0.6in) 10-100V 50Hz . 234.6mm (9.24in) 88.7mm (3.49in) . . 196mm (7.71in) 14kg (3.1bs) 85.2mm (3.35in)	Ci13 E Se 80 52Hz-1 44Hz- 133 100 28k 130mm (5.2 16mm 1 10-8 55b - 1934mm 81mm (81mm (81mm (81mm (2,2) 158mm 1 12kg (77.5mm
ended high-pass filter for THX s Application impedance y (2.83V/1m) y response (±6dB) ked y (2.83V/1m) y response (±6dB) ked y range (-10dB) coverage (degrees) (dB) or frequency ts ended amplifier power ended high-pass filter (Hz) ended low-pass filter (Hz) external dimensions dimensions ght depth from surface g depth fr	LF LF LF LF HF HF LF L	Motorised Ci3-80QT Q Series 8Ω 87dB 87dB 87dB 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 × 75mm (3.0in) 75mm (3.0in) 10-100W 100Hz 128 × 377 × 125 mm (5.04 × 14.84 × 4.92 m) 112 × 354 mm (4.41 × 13.94 in) 3.3 kg (7.26lbs) 120mm (4.72in)	Commerci C1115 Q Se 866 70Hz-2 81Hz-3 160 935 Q 115mm (45 85H 970 19mm (t 85H 20mm (t 15-80 100mm (t 220mm (t 160mm (t 220mm (t 120mm (t 210mm (t 220mm (t 120mm (t 120mm (t 120mm (t 220mm (t 120mm (t	ial Round Cor QCT - rries - JB - JB - JB - JB - JB - JB - JDNHz - JDN - JDNV - - - (8.66in.) 2 (6.30in.) 1 (7.71in.) 1 SP4lbs) 2 (6.18in.) 1	Ci110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 107° 98dB 110mm (4.3in) 10-100W 110Hz 220mm (8.66in,) 110Hz 220mm (8.66in,) 110mm (4.3in) 110mm (4.3in) 225 kg (4.95lbs) 107mm (7.71in) 225 kg (4.95lbs)	Commercial Rour Ci1605T Classic Series 4Ω 85sB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in) 20-100W 100-200Hz 275mm (10.83in, 188mm (7.40in) 240mm (9.45in) 3.4 kg (7.48bs) 185mm (7.28in)	Model Series Nominal in Sensitivity Frequency open-backe Frequency with back c Frequency Nominal cc Max SPL (d Crossover 1 Drive units Recommen Recommen Cut-out dir Nominal Cut-out dir Nominal Net Weight Mounting Mounting Mounting Mounting Net Weight	pedance 2.33/(1m) exponse (±6dB) d esponse (±6dB) an / rear enclosure ange (-10dB) verage (degrees) 3) requency ded amplifier power ded high-pass filter (Hz) cernal dimensions enensions epch from surface epch from surface epck from surface	HF (H × W × D) Diameter Ø Depth (H × W)	C1100QS C1100QS Soundlight/ Q Series S 4Ω 8848 80Hz-27kHz 12 - 17 53Hz-25kHz 12 150° 12 103dB - 3kHz - 100mr (4in) Un-Q - 100mr (4in) Un-Q - 1050W - 1050W - 105.00V - 1127 x 127 x 76 mm (441 x 441 in) - - 94.9 112 x 112 mm (441 x 441 in) - - 650 0.67kg (1.48bs.) 0.11 72mm (2.83in) 90	C (50R Sourdlight/ C Series 6Q 82d8 25Hz-20kHz 25Hz-20kHz 165° 94d8 	C1100.2QR Soundlight/ Q Series 4Q 834B 90Hz-27kHz 130Hz-27kHz 70Hz-40khz 150° 99dB 3.35kHz 75mm (3.15in) Uni-Q 97dB 3.35kHz 75mm (3.15in) Uni-Q 16mm (0.6in) 10.50W 80Hz 1135.6mm (5.34in) 107.5mm (4.23in) 107.5mm (4.23in) 118.0mm (4.65in) 0.50kg (1.10bs) 103.1mm (4.06in) 52mm (2in)	Squ C(1130 FL Se 86 87/ 45Hz - 38Hz- 38Hz- 130ms (5.2 130ms (5.2 19mm (10-10 500 2005 × 200 (7.9 × 7.9 158 × 1 (6.2 × 4) 1.6kg (3 101mm	are are are are QSR - veries - 3B - 34kHz - 34kHz - 30kHz - 0° - dB - 0° - dB - 0° - 0° - 0.75in.) - 0.75in.) - 0.75in.) - 0.75in.) - 58 mm - .531bx.) - .398n.) -	Round C1130QRR FL Series 8Q 87dB 45Hz - 34kHz 38Hz-34kHz 130° 103dB 3.8Hz 130mm (0.75in.) 10-100W 50Hz 200.6mm (7.9in) 104.6mm (4.12in) 158mm (6.22in.) 1.45kg (3.19lis.) 10Tum (3.98in.)	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz) Product external dimensions Cut-out dimensions Net Weight	(H x W x D) Diameter Ø Depth (H x W)	C160.2CL C Series 8Q 99:dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (0.5in,) Uni-Q 16mm (0.6in,) 10-100W 50Hz 303 x 223 x 91 mm (11.93 x 8.78 x 3.58 in,) - - - 1.87kg (4.12lbs.)	C1160.2CS // 2014 BQ // 2014 BQ // 2014 BQ // 2014 BV // 2014 BV // 2014 C1100 // 2014 C1	C 1302CS C Series C S	Ci200.2CR I C Series I 8Ω I 90dB I 45Hz-20kHz I 35Hz-45khz I 115° I 106dB I 200mm (8in) Uni-Q I 16m (0.6in) I 10-125W I 289.6mm (11.4in) I 103.3mm (4.07in) I - - 240mm (9.45in) I	Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.8kHz 160mm (6.5in.) Uni-Q 16mm (0.6in.) 10-100W 50Hz - 234.6mm (9.24in.) 88.7mm (3.49in.) 88.7mm (3.49in.)	C130.2CR CSPies 8Q 8Q 87dB 52Hz-20kHz 45Hz-45khz 140° 102dB 28kHz 130mm (5.25in) Uni-Q 16mm (0.6in) 10-80W 55Hz 16mm (7.61in) 193.4mm (7.61in) 81mm (3.19in) 158mm (6.22in) 12kg (2.7bs)	Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB 2.8kHz 200mm (8in) Uni-Q 16mm (0.6in) 10-125W 40Hz 289.6mm (11.4in) 103.3mm (4.07in) 240mm (9.45in) 1.6kg (3.6lis)	C1160ER E Series 8Ω 8Ω 83dB 52Hz-20kHz 10 ² 110 ² 110 ² 110 ² 110 ⁴ B 2.8kHz 160mm (6.5in) Uni-Q 160mm (6.5in) Uni-Q 160mm (5.0in) Uni-Q 10-100V 50Hz . 234.6mm (9.24in.) 88.7mm (3.49in.) . .196mm (7.71in.) 1.4kg (3.1bs)	C(130) E Seri 8(2) 52Hz-2(44Hz-4) 135 102d 2,2kH 130mm (5,25 130mm (5,25 130mm (5,25 130mm (5,25 16mm (1 10-80 55H - 193,4mm (3 81mm
al Application	LF LF LF LF HF HF LF L	Motorised Ci3-80QT Q Series 8Ω 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2×75mm (3.0in) 75mm (3.0in) 10-100W 100Hz 128 × 377 × 125 mm (5.04 × 14.84 × 4.92 in) 112 × 354 mm (4.41 × 13.94 in) 3.3 kg (7.26lbs)	Commerci C (1115 Q Se 86 70Hz-2 81Hz-3 16 955 23k 1115mm (45 92 23k 1115mm (45 95 23k 1115mm (45 95 23k 1115mm (45 95 23k 115mm (24 95 23k 115mm (200m (160mm (27 kg (27 kg (2157mm (27 kg (2157mm (ial Round Cor QCT - rries - JB - JB - JB - JB - JB - JB - JDNHz - JDN - JDNV - - - (8.66in.) 2 (6.30in.) 1 (7.71in.) 1 SP4lbs) 2 (6.18in.) 1	Ci110FCT Classic Series &Ω 89dB 110Hz-18kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 107° 98dB 100mm (4.3in) 10-100W 110Hz 220mm (8.66in.) 110Hz 110mm (4.33in) 110mm (4.33in.) 196mm (7.71in.) 2.25 kg (4.95lbs) 107mm (4.21in.)	Commercial Rour Ci1605T Classic Series 4Ω 85sB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in) 20-100W 100-200Hz 275mm (10.83in, 188mm (7.40in) 240mm (9.45in) 3.4 kg (7.48lbs)	Model Series Nominal in Sensitivity Frequency open-backe Frequency With back c Frequency Original co Max SPL (d Crossover 1 Drive units Recommen Recommen Cut-out dir Net Weigh Mounting d	pedance 2.83Y/Im) response (±6dB) d response (±6dB) an / rear enclosure ange (-10dB) requency ded amplifier power ded high-pass filter (Hz) ded high-pass filter (Hz) rernal dimensions exernal dimensions epch from surface epch from surface k can ugh in frame	HF (H × W × D) Diameter Ø Depth (H × W)	C1100QS C1100QS Soundlight/ Q Series S 4Q S 88d8 - 80Hz-27kHz 12 107 S 53Hz-25kHz 12 150° - 103dB - 3kHz - 100mm (4in.) Uni-Q - 19mm (0.75in.) - 1050W - 60Hz - 112X 127 x 76 mm (5.0 × 5.0 × 2.9 m) - - 880 - 800 - - 112X 112 mm (4.1 × 4.41 in.) - - - 0.67kg (1.48lbs.) 0.1: 72mm (2.83in.) 900 - - 72mm (2.83in.) -	CiSOR Sourdlight/ C Series 6Ω 82dB 25Hz-20kHz 22Hz-25kHz 165° 94dB 00mm (2.0in.) 10-30VV 130Hz mm (3.15in.) Smm (3.72in.) mm (3.54in.) mm (1.97in.)	C1100.2QR Soundlight/ Q Series 4Ω 83dB 90Hz-27kHz 130Hz-27kHz 70Hz-40khz 150° 99dB 3.5kHz 75mm (3.15in) Uni-Q 16mm (0.6in) 10-50W 80Hz 1550W 1050W 1050W 1050W 1050W 1050W 1050W 1050W 1050W 1050W 1050W 1050W 1050W 1050W 1050W 1050m (4.5in) 0.50kg (1.10bs) 103.1mm (4.66in)	Squ C(130 FL Se 86 87 45Hz - 38Hz- 38Hz- 130 130ms (5.2 130ms (5.2) 130ms (5.2) 130ms (5.2) 130ms (5.2) 19mm (10-10 50e 200.5 x 200.5 (7.9 x 7.9) - - - 158 x 1.1 (6.22 x 4 - - 1.6kg (3 101mm (-	are are are are Apple are QSR are are are QSR are are are browner are are are browner are are are browner are are are browner	Round CI130QRR FL Series 8Q 87dB 45Hz - 34kHz 38Hz-34kHz 130° 103dB 3.8Hz 130mm (0.75in.) 10-100W 50Hz 200.6mm (7.9in) 104.6mm (4.12in) 158mm (6.22in.) 1.45kg (3.19lis.) 10Tmm (3.98in.)	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz) Product external dimensions Cut-out dimensions Net Weight Mounting depth from surface	(H x W x D) Diameter Ø Depth (H x W)	C160.2CL C Series 8Q 894B 52Hz-20kHz 47Hz-45kHz 120° 104dB 25kHz 160mm (6.5in,) Uni-Q 16mm (0.6in,) 10-100W 50Hz 303 x 223 x 91 mm (11.93 x 8.78 x 3.58 in,) - - 274 x 194 mm (10.79 x 7.64 in,) - 1.87kg (4.12lbs,) 84.5mm (3.33in,)	C160.2CS I C Series I 8Ω I B9dB I 52Hz-20kHz I 47Hz-45kHz I 120° I 104dB I 2.8kHz I 160mm (6.5in) Uni-Q I 160mm (0.6in) I 160mm (0.6in) I 10-100W I S0Hz I 223 x 223 x 905 mm (8.78 x 8.78 x 3.56 in) I - - - I 194 x 194 mm (7.64 x 7.64 in) I - - 1.70kg (3.74bs,) I 84.5mm (3.33in) I	C 1302CS C Series C S	Ci200.2CR I C Series I 8Ω I 90dB I 45Hz-20kHz I 35Hz-45khz I 106dB I 200mm (8in) Uhi-Q I 106mm (0.6in) I 10-125W I 40Hz I 103.3mm (4.07in) I 240mm (9.45in) I 1.6kg (3.6lbs) I	Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz 120° 104dB 2.8kHz 160mm (6.5in,) Uni-Q 166mm (6.5in,) Uni-Q 166mm (0.6in) 10-100W 50Hz - 234.6mm (9.24in,) 88.7mm (3.49in,) 196mm (7.71in,) 1.4kg (3.11ba) 85.2mm (3.35in,)	C130.2CR C130.2CR C Series 8Q 87dB 52Hz-20kHz 45Hz-45khz 140° 140° 140° 140° 140° 140° 140° 140°	Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB 2.8kHz 200mm (8in, Uni-Q 16mm (0.6in,) 10-125W 40Hz 289.6mm (11.4in,) 103.3mm (4.07in,) 240mm (9.45in,) 1.6kg (3.6lbs) 97.2mm (3.83in,)	C1160ER E Series 8Ω 83dB 52Hz-20kHz 10° 110° 110° 110° 110° 110° 110° 110° 110° 110° 110° 110° 104B 2.8kHz 160mm (6.5in) Uni-Q 160mm (0.6in) 10-100V 50Hz . 234.6mm (9.24in) 88.7mm (3.49in) . . 196mm (7.71in) 14kg (3.1bs) 85.2mm (3.35in)	C(130) E Seri- 8Ω 52Hz-20 44Hz-45 135 ^{c1} 102d 2.8k- 130mm (5.25) 16mm (0 10-800 55H 193.4mm (3 81mm (3 81mm (3 1.2kg (2 77.5mm (3
al Application al impedance i/ity (2.83V/1m) nor vesponse (±6dB) acked nor vesponse (±6dB) acked nor vesponse (±6dB) acked nor vesponse (±6dB) acked nor vesponse (±6dB) al coverage (±6gres) PL (dB)	LF LF LF LF HF HF LF L	Motorised C.3-80QT Q Series 8Q 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 x 75mm (3.0in) 10-100W 100Hz 128 x 377 x 125 mm (0.6in.) 100Hz 112x 354 mm (4.41 x 13.94 in.) 3.3 kg (7.26ibs) 120mm (4.72in.)	Commerci C1115 Q Se 866 70Hz-2 81Hz-3 160 935 Q 115mm (45 85H 970 19mm (t 85H 20mm (t 15-80 100mm (t 220mm (t 160mm (t 220mm (t 120mm (t 210mm (t 220mm (t 120mm (t	ial Round Cor QCT - rries - JB - JB - JB - JB - JB - JB - JDNHz - JDN - JDNV - - - (8.66in.) 2 (6.30in.) 1 (7.71in.) 1 SP4lbs) 2 (6.18in.) 1	CI110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 100FZ 98dB 110mm (4.3in) 10-100W 110Hz 220mm (8.66in) 110Hz 220mm (8.66in) 110Hz 10FZ 10FGR RIF160R	Commercial Rour Classic Series 4Ω 85dB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in) 20-100VV 20-100VV 20-100VV 2275mm (10.83in, 188mm (7.40in) 240mm (9.45in) 3.4 kg (7.48ibs) 185mm (7.28in) 185mm (7.28in)	Model Series Nominal im Sensitivity Prequency open-back Frequency with back Frequency open-back Frequency	pedance 2.837/Im) response (±6dB) d response (±6dB) an / rear enclosure ange (-10dB) requency ded amplifier power ded high-pass filter (Hz) renal dimensions rensions epth from surface epth from surface epth from surface ar enclosure	HF (H × W × D) Diameter Ø Depth (H × W)	C1100QS C1100QS Soundlight/ Q Series S 4Q S 88d8 - 80Hz-27kHz 12 107 S 53Hz-25kHz 12 150° - 103dB - 3kHz - 100mm (4in.) Uni-Q - 19mm (0.75in.) - 1050W - 60Hz - 112X 127 x 76 mm (5.0 × 5.0 × 2.9 m) - - 880 - 800 - - 112X 112 mm (4.1 × 4.41 in.) - - - 0.67kg (1.48lbs.) 0.1: 72mm (2.83in.) 900 - - 72mm (2.83in.) -	CiSOR Soundlight/ C Series 82dB 15Hz-20kHz 22Hz-25kHz 165° 94dB 00m (2.0in,) - - - - - - - - - - - - - - - - - - -	C1100.2QR Soundlight/ Q Series 4Ω 4Ω 83dB 90Hz-27kHz 130Hz-27kHz 70Hz-40khz 130Hz-27kHz 70Hz-40khz 150° 99dB 3.5kHz 75mm (3.15in) Uhi-Q - - 16mm (0.6in) 10.50W 80Hz - 115.6mm (5.34in) 107.5mm (4.23in) 107.5mm (4.23in) 103.1mm (4.06in) 52mm (2n) RIF100R	Squ C(130 FL Se 86 87 45Hz - 38Hz- 38Hz- 130 130ms (5.2 130ms (5.2) 130ms (5.2) 130ms (5.2) 130ms (5.2) 19mm (10-10 50e 200.5 x 200.5 (7.9 x 7.9) - - - 158 x 1.1 (6.22 x 4 - - 1.6kg (3 101mm (-	are are are are are are are are QSR are are are	Round CI130QRI FL Series 8Ω 87dB 45Hz - 34kHz 38Hz-30kHz 130° 103dB 3.8kHz 130mr (5.25in) Uni-Q 19mm (0.75in.) 10-100W 50Hz 200.6mm (7.9in) 104.6mm (4.12in) 158mm (6.22n.) 1.45kg (3.19ls.) 101mm (3.96in.)	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz) Product external dimensions Cut-out dimensions Net Weight Mounting depth from surface Optional rough in frame	(H x W x D) Diameter Ø Depth (H x W)	C160.2CL C Series 8Q 894B 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (0.5in) Uni-Q 16mm (0.5in) Uni-Q 16mm (0.6in) 10.100W 50Hz 303 x 223 x 91 mm (11.93 x 8.78 x 3.58 in) - - - 1.87kg (4.12lbs.) 84.5mm (3.33in,) RIF160L	C1160.2CS I C Series I BQ I B9dB I 52Hz-20kHz I 47Hz-45kHz I 104dB I 2.8kHz I 160mm (6.5in, Uni-Q I 160mm (0.6in, Uni-Q I 160mm (0.6in, Uni-Q I 160mm (0.6in, Uni-Q I 10-100W I S0Hz I 10-100W I	Ci130.2CS I C Series I BD I 87dB I 52Hz-20kHz I 45Hz-45kHz I 140° I 102dB I 2.8kHz I 130mm (5.25in) Uni-Q I 16mm (0.6in) I 10-80W I 55Hz I 184 x 194 x 83 mm (7.24 x 7.24 x 3.27 in) I 158 x 158 mm (6.22 x 6.22 in) I 1.35kg (3.0lbs.) I 1.35kg (3.0lbs.) I 7.7.1mm (3.03in,) I RIF130S I	Ci200.2CR I C Series I 8Ω I 90dB I 45Hz-20kHz I 35Hz-45khz I 106dB I 200mm (Bin) Uhi-Q I 106dB I 200mm (Bin) Uhi-Q I 10612SW I 1012SW I 103.3mm (4.07in) I 103.3mm (4.07in) I 1.6kg (3.6lbs) I 97.2mm (3.83in) I	Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz 120° 104dB 2.8kHz 160mm (6.5in,) Uni-Q 164mm (6.5in,) Uni-Q 160mm (6.5in,) Uni-Q 160mm (6.5in,) Uni-Q 10-100W 50Hz - 234.6mm (9.24in,) 88.7mm (3.49in,) - 196mm (7.71in,) 1.4kg (3.11bs) 85.2mm (3.35in,) RIF160R	C130.2CR C Series 8Ω 8Ω 87dB 52Hz-20kHz 45Hz-45khz 140° 130mm (5.25in) Uni-Q 16mm (0.6in) 10-80W 55Hz 10-80W 55Hz 193.4mm (7.61in) 81mm (3.19in) 158mm (6.22in) 1.2kg (2.7lbs) 77.5mm (3.05in) RIF130R	Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB 2.8kHz 200mm (8in.) Uni-Q 16mm (0.6in.) 10-125W 40Hz 289.6mm (11.4in.) 103.3mm (4.07in.) 240mm (9.45in.) 1.6kg (3.6lbs) 97.2mm (3.83in.) 8IF200R	C1160ER E Series 8Ω 89dB 52Hz-20kHz 104 110° 110° 110° 110° 110° 110° 110° 110° 110° 110° 110° 104dB 28kHz 160mm (6.5in) Uni-Q 160mm (0.6in) 10-100V 50Hz . 234.6mm (9.24in) 88.7mm (3.49in) . 196mm (7.71in) 14.4kg (3.1bg) 85.2mm (3.35in) RIF160R	Ci130EI E Serie: 80 87dB 52Hz-20k 44Hz-45k 135° 102dB 2.8kHz 130mm (5.25Hz 130mm (5.25Hz 193.4mm (7 81mm (3.1 199.34mm (7 81mm (3.1 1.2kg (2.7 77.5mm (3.1 8.11304)
ial Application ial impedance vity (2.83V/1m) inty (2.83V/1m) inty response (±6dB) ack can / rear enclosure inty response (±6dB) ack can / rear enclosure inty range (-10dB) ial coverage (degrees) PL (dB) veer frequency units immended amplifier power immended low-pass filter (Hz) immended low-pass filter (Hz) it external dimensions it dimensions	LF LF LF LF HF HF LF L	Motorised Cl3-80QT Q Series 8Q 87dB - 87Hz-30kHz 94Hz-35kHz 170° 102dB 300Hz, 3kHz 2 × 75mm (3.0in) 75mm (3.0in) 10-100W 100Hz 128 × 377 × 125 mm (5.04 × 14.84 × 4.92) - 112 × 354 mm (4.41 × 13.94 in) - 3.3 kg (7.26lbs) - 120mm (4.72in)	Commerci C1115 Q Se 866 70Hz-2 81Hz-3 160 935 Q 115mm (45 85H 970 19mm (t 85H 20mm (t 15-80 100mm (t 220mm (t 160mm (t 220mm (t 120mm (t 210mm (t 220mm (t 120mm (t	ial Round Cor QCT - rries - 3B - 10kHz - 10kHz - 10kHz - 10kHz - 10kHz - 10kHz - 18 - 19. - 10.75in.) - 0.75in.) - 12 - (8.66in.) 2 (6.30in.) 1 5.94lbs) 2 500R - - -	Ci110FCT Classic Series 8Ω 89dB 110Hz-18kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 105Hz-30kHz 107° 98dB 110mm (4.3in) 10-100W 110Hz 220mm (8.66in,) 110Hz 220mm (8.66in,) 110mm (4.3in) 110mm (4.3in) 225 kg (4.95lbs) 107mm (7.71in) 225 kg (4.95lbs)	Commercial Rour Ci1605T Classic Series 4Ω 85sB 60Hz-130Hz 65Hz-300Hz 97dB 160mm (6.5in) 20-100W 100-200Hz 275mm (10.83in, 188mm (7.40in) 240mm (9.45in) 3.4 kg (7.48bs) 185mm (7.28in)	Model Series Nominal im Sensitivity i OPEN-back Frequency with back c Frequency with back c Frequency of the second of the secon	pedance 2.837/Im) response (±6dB) d response (±6dB) an / rear enclosure ange (-10dB) requency ded amplifier power ded high-pass filter (Hz) renal dimensions rensions epth from surface epth from surface epth from surface ar enclosure	HF (H × W × D) Diameter Ø Depth (H × W)	C1100QS С1100QS Soundlight/ Q Series S 4Q 12 88dB 12 80Hz-27kHz 12 107 11 53Hz-25kHz 12 150° 12 103dB 5 3kHz 5 100mm (4in) Uni-Q 50 19mm (0.75in) 50 1050W 60Hz 1027 x 127 x 76 mm (5.0 x 5.0 x 2.99 in) 800 112 x 112 mm (44.1 x 4.41 in) 55 0.67kg (1.48bs) 0.11 72mm (2.83in) 90 - 50 RIF100S 50	CiSOR Sourdlight/ C Series 6Ω 82dB 25Hz-20kHz 22Hz-25kHz 165° 94dB 00mm (2.0in.) 10-30VV 130Hz mm (3.15in.) Smm (3.72in.) mm (3.54in.) mm (1.97in.)	C1100.2QR Soundlight/ Q Series 4Q 83dB 90Hz-27kHz 130Hz-27kHz 70Hz-40khz 150° 99dB 3.5kHz 75mm (3.15in) Uni-Q 3.5kHz 75mm (3.15in) Uni-Q 3.5kHz 75mm (0.6in) 10-50W 80Hz 115.6mm (0.6in) 1050W 80Hz 118.0mm (4.26in) 0.50kg (1.10ks) 103.1mm (4.06in) 52mm (2in) RIF100R RNC100R	Squ C(1130 FL Se 86 87 45Hz - 38Hz - 38Hz - 38Hz - 38Hz - 130 130 130 130 130 130 130 130	are I ares I QSR I P I JB I J4kHz I S0kHz I O° I dB I O° I dB I S0kHz I O° I dB I O I O I S0kHz I O I O I O I I I O I S0kHz I I I O I I I I I S0kHz I I I I I I I I I I I I I I I	Round C130QRI FL Series 8Ω 87dB 45Hz - 34kHz 38Hz-34kHz 130° 103dB 3.8kHz 130mm (5.25in,) 10-100W 50Hz 200.6mm (7.9in) 104.6mm (4.12in) 145kg (3.19lbs.) 101mm (3.98in,)	Model Series Nominal impedance Sensitivity (2.83V/1m) Frequency response (±6dB) open-backed Frequency range (-10dB)" Nominal coverage (degrees) Max SPL (dB) Crossover frequency Drive units Recommended amplifier power Recommended high-pass filter (Hz) Product external dimensions Cut-out dimensions Net Weight Mounting depth from surface Optional rough in frame Optional rear enclosure	(H x W x D) Diameter Ø Depth (H x W)	C1160.2CL C Series 8Q 894B 52Hz-20kHz 47Hz-45kHz 120° 104dB 2.5kHz 160mm (0.5in, Uni-Q 16mm (0.5in, Uni-Q 16	C1160.2CS I C Series I BQ I B9dB I 52Hz-20kHz I 47Hz-45kHz I 104dB I 2.8kHz I 160mm (6.5in, Uni-Q I 160mm (0.6in, Uni-Q I 160mm (0.6in, Uni-Q I 10-100W I 223 x 223 x 905 mm (878 x 8.78 x 3.56 in) I 1.10-100W I 1.20 x 1.10 x	Ci130.2CS I C Series I 80 I 87dB I 52Hz-20kHz I 45Hz-45kHz I 140° I 102dB I 2.8kHz I 130mm (5.25in) Uni-Q I 140° I 130mm (5.25in) Uni-Q I 16mm (0.6in) I 10-80W I 55Hz I 184 × 194 × 83 mm (7.24 × 7.24 × 3.27 in) I - I 158 × 158 mm (6.22 × 6.22 in) I - I 1.35kg (3.0bs.) I 1.35kg (3.0bs.) I RIF130S I RNC130S I	Ci200.2CR I C Series I 8Ω I 90dB I 45Hz-20kHz I 35Hz-45khz I 106dB I 200mm (Bin) Uhi-Q I 106dB I 200mm (Bin) Uhi-Q I 10612W I 10612W I 1012SW I 103.3mm (4.07in) I 103.3mm (4.07in) I 1.6kg (3.6lbs) I 97.2mm (3.83in) I RIF200R I RIF200R I	Ci160.2CR C Series 8Ω 89dB 52Hz-20kHz 120° 104dB 2.8kHz 160mm (6.5in) Uni-Q 1640mm (6.5in) Uni-Q 1640mm (6.5in) Uni-Q 160mm (6.5in) Uni-Q 10-100W 50Hz - - 234.6mm (9.24in) 88.7mm (3.49in) 88.7mm (3.49in) 19.6mm (7.71in) 1.4kg (3.11bs) 85.2mm (3.35in) RIF160R RNC160R	C130.2CR C Series 8Ω 8Ω 87dB 52Hz-20kHz 4SHz-45khz 140° 1202dB 28kHz 130mm (5.25in) Uni-Q 16mm (0.6in) 10-80W 55Hz 10-80W 55Hz 193.4mm (7.61in) 193.4mm (3.19in) 15Bmm (6.22in) 1.2kg (2.7lbs) 77.5mm (3.05in) RIF130R RNC130R	Ci200ER E Series 8Ω 90dB 45Hz-20kHz 38Hz-45kHz 100° 106dB 2.8kHz 200mm (8in) Uni-Q 16mm (0.6in) 10-12SW 40Hz 289.6mm (11.4in) 103.3mm (4.07in) 240mm (9.45in) 1.6kg (3.6ibs) 97.2mm (383in) RIF200R RNC200R	Ci160ER E Series 8Q 89dB 52Hz-20kHz 104 102 110° 110° 110° 104dB 2.8kHz 160mm (6.5in) Uni-Q 160mm (0.6in) 10-100V 50Hz 2.346mm (9.24in) 88.7mm (3.49in) 88.7mm (3.49in) 1.4kg (3.1bs) 85.2mm (3.35in) RIF160R RNC160R	Ci130ER E Series 8C2 87dB 52Hz-20kł 135° 102dB 2.8kHz 130mr (5.25n) 16mr (0.6i 10-80W 55Hz 193.4mr (7.4 81mm (3.19 193.4mr (7.4 81mm (3.19 15Bmm (6.2 1.2kg (2.7)t 7.7.5mr (3.0 RIF130R

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Subwoofer		Tall Rectanlge	Square	Square	Round	Round
Model		Ci3160RLb-THX	Ci200QSb-THX Passive Mode (Crossover ON)	Ci200QSb-THX Active Mode (KASA500)	Ci200TRb Passive Mode	Ci200TRb Active Mode (KASA500)
Series		R Series	Q Series	Q Series	T Series	T Series
Nominal impedance		4Ω	6Ω	-	-	-
Nominal Impedance stereo mode		-	-	-	2 × 8Ω	2 × 8Ω
Nominal Impedance mono mode		-	-	-	16Ω	16Ω
Sensitivity (2.83V/1m)	83V/1m) 92dB		85dB	-	87dB	87dB
Frequency response (±6dB) open-backed	e (±6dB) 20Hz-140Hz		40Hz-100Hz 30Hz-140Hz		42Hz-120Hz	32Hz-120Hz
Frequency range (-10dB)	ange (-10dB) 25Hz - KASA setting		29Hz-140Hz 25Hz-KASA setting		38Hz-140Hz	25Hz-KASA setting
Max SPL (dB)	112dB		104dB	104dB 104dB		109dB
Crossover frequency		-	100Hz	-	-	-
Drive units	LF	3 x 160mm (6.5in.)	200mm (8 in.)	200mm (8 in.)	200mm (8 in.)	200mm (8 in.)
Required amplifier		KEF KASA500	-	KEF KASA500	-	KEF KASA500
Recommended amplifier power		-	10-150VV	-	10-125W	-
Recommended high-pass filter (Hz)		25-80Hz*	-	KASA	-	-
Recommended low-pass filter (Hz)		50Hz-120Hz	80Hz-120Hz	50Hz-120Hz	80Hz-120Hz	60Hz-120Hz
Product external dimensions	$(H \times W \times D)$	680 × 230 × 96 mm (26.77 × 9.06 × 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.)	-	-
	Diameter Ø	-	-	-	290 mm (11.42 in.)	290 mm (11.42 in.)
Cut-out dimensions	(H × W)	660 x 209 mm (25.98 x 8.23 in.)	238 × 238 mm (9.37 × 9.37 in.)	238 × 238 mm (9.37 × 9.37 in.)	-	-
	Diameter Ø	-	-	-	240mm (9.45 in.)	240mm (9.45 in.)
	Depth	-	-	-	63mm (2.48 in.)	63mm (2.48 in.)
Net Weight		10.9 kg (24.1 lbs)	3.3kg (7.28 lbs)	3.3kg (7.28 lbs)	1.7kg (3.75lbs)	1.7kg (3.75lbs)
Mounting depth from surface		88.5mm (3.84 in.)	101.6mm (4 in.)	101.6mm (4 in.)	59mm (2.32 in.)	59mm (2.32 in.)
Optional rough in frame		RIF3160L	RIF200S	RIF200S	RIF200R	RIF200R
Optional rear enclosure		-	-	-	RNC200R	RNC200R
ideal Rear Volume (L)		80L	32L [#]	32L#	60L	60L
Minimum Rear Volume (L)		40L	20L	20L	35L	35L
Certification		THX ULTRA2, THX SELECT2	THX ULTRA2, THX SELECT2, IP64	THX ULTRA2, THX SELECT2, IP64	IP64	IP64

Outdoor				Amplifier	Amplifier	Bluetooth keypad and compact amplifier system		
Model		Ventura 6	Ventura 5	Ventura 5T	Ventura 4	Model	KASA 500	BTS30
Series		Ventura	Ventura	Ventura	Ventura	Inputs	Selectable stereo RCA line level, or mono LFE RCA level; Stereo speaker level	Bluetooth 4.2 with Qualcomm® aptX™ codec Line-in Coaxial Optical
Nominal impedance		6Ω	6Ω	6Ω	6Ω			
Sensitivity (2.83V/1m)		90dB	89dB	89dB	88dB			
Frequency response (±6dB) open-backed		68Hz-20kHz	74Hz-20kHz	74Hz-20kHz	85Hz-20kHz		2 × 250watts 40hms Bridge 1 × 500watts 80hms	Stereo Mode 2 x 15W@8 Ohms Mono Mode 30W@4 Ohms Line-Out
Frequency range (-10dB)		54Hz-25kHz	58Hz-25kHz	58Hz-25kHz	65Hz-25kHz	Outputs		
Nominal coverage (degrees)		112°	125°	125°	120°			
Max SPL (dB)		105dB	103dB	103dB	101dB			
Crossover frequency		3kHz	3.8kHz	3.8kHz	3.5kHz	Crossover Frequency	40 - 140Hz or software bypass	-
Drive units	LF	160mm (6.5in.)	130mm (5.25in.)	130mm (5.25in.)	115mm (4.5in.)	Bluetooth Range Bluetooth Capacity	-	10m 8 Devices
	MF	-	-	-	-	Bluetooth Frequency	-	2.4GHz
	HF	25mm (1in.)	25mm (1in.)	25mm (1in.)	19mm (0.75in.)	Bluetooth Power	· .	2.5mW For Class 2
Recommended amplifier power		10-125W	10-100W	10-100W	10-80VV	Operating Voltage	-	100-240VAC
Recommended high-pass filter (Hz)		50Hz	60Hz	60Hz	80Hz	Frequency Response	-	20Hz-20KHz
Transformer taps				70V: 3.75W, 7.5W, 15W, 30W		EQ Frequency	-	100Hz +6dB, 10KHz-1dB
		-	-	100V: 7.5W, 15W, 30W, 60W	-	Signal to Noise	-	90dB
Product external dimensions	(H × W × D)	300 x 226 x 219 mm (11.8 x 9 x 8.6 in.)	262 × 197 × 189 mm (10.3 × 7.75 × 7.4 in.)	262 × 197 × 189 mm (10.3 × 7.75 × 7.4 in.)	231 x 172 x 173 mm (9 x 6.75 x 6.8 in.)	Product Dimension (H X W X D)	88 x 432 x 304mm (3½ x 17 x 12 in) With feet : 92 x 432 x 304mm (3½ x 17 x 12 in) With rack ears; 2 EIA rack space: 88 x 483 x 304mm (3½ x 19 x 12 in)	Amplifier Unit: 45 x 143 x 125mm (1.77 x 5.63 x 4.92 in.) Keypad Unit: 45 x 45 x 40mm (1.58 x 1.77 x 1.77 in.) Metal Frame: 1 x 71 x 71mm (0.04 x 2.80 x 2.80 in.)
	(With bracket and knobs) (H x W x D)	300 × 226 × 263.5 mm (11.8 × 9 × 10.38 in.)	262 × 197 × 235 mm (10.3 × 7.75 × 9.25 in.)	262 × 197 × 235 mm (10.3 × 7.75 × 9.25 in.)	235 x 172 x 203.2 mm (9.25 x 6.75 x 8 in.)			
Net Weight		3.8kg (8.4lbs)	2.85kg (6.28lbs)	3.3kg (7.25lbs)	2.4kg (5.3lbs)			
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)	Weight	4kg (9lbs)	Amplifier Unit: 530g (1.168lbs) Keypad Unit: 40g (0.088lbs) Metal Frame: 28g (0.061lbs)
Certification		IP65	IP65	IP65	IP65	AAGBUE		

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