

Ci specifications sheet

Rectangle



Model	Ci9000ACE		Ci200QL		Ci160QL	
Series	Reference Series		Q Series		Q Series	
Nominal impedance	8Ω		8Ω		8Ω	
Sensitivity (2.83V/1m)	88dB		90dB		89dB	
Frequency response (±6dB) open-backed	-		35Hz - 34kHz		38Hz - 34kHz	
Frequency response (±6dB) with back can / rear enclosure	60Hz - 27kHz		-		-	
Crossover frequency	350kHz, 3kHz,		2.5kHz		3.0kHz	
Drive units	LF	2 x 165mm (6.5in.)	200mm (8in.)		160mm (6.5in.)	
	MF	165mm (6.5in.)	-		-	
	HF	19mm (0.75in.) Uni-Q	25mm (1in.) Uni-Q		19mm (0.75in.) Uni-Q	
Recommended amplifier power	30 - 150 W		10 - 150 W		10 - 125 W	
Product external dimensions (H x W x D)	700 x 252 x 105 mm (27.56 x 9.92 x 4.13 in.)		369 x 273 x 106 mm (14.53 x 10.75 x 4.17 in.)		303 x 223 x 97.5 mm (11.93 x 8.78 x 3.84 in.)	
Cut-out dimensions (H x W)	660 x 209 mm (25.98 x 8.23 in.)		334 x 238 mm (13.15 x 9.37 in.)		274 x 194 mm (10.79 x 7.64 in.)	
Net Weight	12.5kg (27.5lbs)		2.6kg (5.77lbs.)		2.05kg (4.51lbs.)	
Mounting depth from surface	95mm (3.74in.)		99.8mm (3.93in.)		91mm (3.58in.)	
Optional rough in frame	-		RIF200L		RIF160L	
Optional rear enclosure	-		RNC200L		RNC160L	



Model	Ci200CL		Ci160CL		Ci160SL	
Series	C Series		C Series		Classic Series	
Nominal impedance	8Ω		8Ω		8Ω	
Sensitivity (2.83V/1m)	90dB		89dB		89dB	
Frequency response (±6dB) open-backed	45Hz - 20kHz		52Hz - 20kHz		52Hz - 20kHz	
Crossover frequency	2.8kHz		3.4kHz		3.4kHz	
Drive units	LF	200mm (8in.)	160mm (6.5in.)		160mm (6.5in.)	
	HF	25mm (1in.)	19mm (0.75in.)		19mm (0.75in.)	
Recommended amplifier power	10 - 125 W		10 - 100 W		10 - 100 W	
Product external dimensions (H x W x D)	369 x 273 x 102 mm (14.53 x 10.75 x 4.02 in.)		303 x 223 x 91 mm (11.93 x 8.78 x 3.58 in.)		300 x 220 x 92 mm (11.81 x 8.66 x 3.62 in.)	
Cut-out dimensions (H x W)	334 x 238 mm (13.15 x 9.37 in.)		274 x 194 mm (10.79 x 7.64 in.)		274 x 194 mm (10.79 x 7.64 in.)	
Net Weight	2.0kg (4.43lbs.)		1.87kg (4.12lbs.)		1.5kg (3.3lbs.)	
Mounting depth from surface	95.9mm (3.78in.)		84.5mm (3.33in.)		-	
Optional rough in frame	RIF200L		RIF160L		RIF160L	
Optional rear enclosure	RNC200L		RNC160L		RNC160L	

Square



Model	Ci200QS	Ci160QS	Ci130QS	Ci100QS
Series	Q Series	Q Series	Q Series	Q Series / Soundlight
Nominal impedance	8Ω	8Ω	8Ω	4Ω
Sensitivity (2.83V/1m)	90dB	89dB	87dB	88dB
Frequency response (±6dB) open-backed	35Hz - 34kHz	38Hz - 34kHz	45Hz - 34kHz	80Hz - 27kHz
Crossover frequency	2.5kHz	3.0kHz	3.8kHz	3kHz
Drive units	LF	200mm (8in.)	160mm (6.5in.)	130mm (5.25in.)
HF	25mm (1in.) Uni-Q	19mm (0.75in.) Uni-Q	19mm (0.75in.) Uni-Q	19mm (0.75in.) Uni-Q
Recommended amplifier power	10 - 150 W	10 - 125 W	10 - 100 W	10 - 50 W
Product external dimensions (H x W x D)	273 x 273 x 106 mm (10.75 x 10.75 x 4.17 in.)	223 x 223 x 97 mm (8.78 x 8.78 x 3.82 in.)	184 x 184 x 84 mm (7.24 x 7.24 x 3.31 in.)	127 x 127 x 76 mm (5.0 x 5.0 x 2.99 in.)
Cut-out dimensions (H x W)	238 x 238 mm (9.37 x 9.37 in.)	194 x 194 mm (7.64 x 7.64 in.)	158 x 158 mm (6.22 x 6.22 in.)	112 x 112 mm (4.41 x 4.41 in.)
Net Weight	2.4kg (5.3lbs.)	1.88kg (4.14lbs.)	1.4kg (3.1lbs.)	0.67kg (1.48lbs.)
Mounting depth from surface	99.8mm (3.93in.)	91mm (3.58in.)	77.9mm (3.07in.)	72mm (2.83in.)
Optional rough in frame	RIF200S	RIF160S	RIF130S	RIF100S
Optional rear enclosure	RNC200S	RNC160S	RNC130S	RNC100S



Model	Ci160CS	Ci160CSds	Ci130CS	Ci160SS
Series	C Series	C Series	C Series	Classic Series
Nominal impedance	8Ω	8Ω	8Ω	8Ω
Sensitivity (2.83V/1m)	89dB	91dB	87dB	89dB
Frequency response (±6dB) open-backed	52Hz - 20kHz	50Hz - 20kHz	52Hz - 20kHz	52Hz - 20kHz
Crossover frequency	3.4kHz	3.2kHz	4kHz	3.4kHz
Drive units	LF	160mm (6.5in.)	160mm (6.5in.)	160mm (6.5in.)
HF	19mm (0.75in.)	2 x 19mm (0.75in.)	19mm (0.75in.)	19mm (0.75in.)
Recommended amplifier power	10 - 100 W	10 - 80 W	10 - 80 W	10 - 100 W
Product external dimensions (H x W x D)	223 x 223 x 90.5 mm (8.78 x 8.78 x 3.56 in.)	223 x 223 x 90.5 mm (8.78 x 8.78 x 3.56 in.)	184 x 184 x 83 mm (7.24 x 7.24 x 3.3 in.)	220 x 220 x 91 mm (8.66 x 8.66 x 3.58 in.)
Cut-out dimensions (H x W)	194 x 194 mm (7.64 x 7.64 in.)	194 x 194 mm (7.64 x 7.64 in.)	158 x 158 mm (6.22 x 6.22 in.)	194 x 194 mm (7.64 x 7.64 in.)
Net Weight	1.70kg (3.74lbs.)	1.80kg (4.0lbs.)	1.35kg (3.0lbs.)	1.4kg (3.1lbs.)
Mounting depth from surface	84.5mm (3.33in.)	84.5mm (3.33in.)	77.1mm (3.03in.)	85.1mm (3.35in.)
Optional rough in frame	RIF160S	RIF160S	RIF130S	RIF160S
Optional rear enclosure	RNC160S	RNC160S	RNC130S	RNC160S

Ci specifications sheet

Round



Model		Ci160TR	Ci200QR	Ci160QR	Ci130QR	Ci160SR
Series		T Series	Q Series	Q Series	Q Series	Classic Series
Nominal impedance		8Ω	8Ω	8Ω	8Ω	8Ω
Sensitivity (2.83V/1m)		87dB	90dB	89dB	87dB	89dB
Frequency response (±6dB) open-backed		110Hz - 24kHz	35Hz - 34kHz	38Hz - 34kHz	45Hz - 34kHz	52Hz - 20kHz
Crossover frequency		1.7kHz	2.2kHz	3.0kHz	3.8kHz	3.4kHz
Drive units	LF	115mm (4.5in.) dual layer	200mm (8.0in.)	160mm (6.5in.)	130mm (5.25in.)	160mm (6.5in.)
	HF	25mm (1in.)	25mm (1in.) Uni-Q	19mm (0.75in.) Uni-Q	19mm (0.75in.) Uni-Q	19mm (0.75in.)
Recommended amplifier power		10 - 100W	10 - 150W	10 - 125W	10 - 100W	10 - 100W
Product external dimensions	Diameter Ø	234.6mm (9.24in.)	289.6mm (11.4in.)	234.6mm (9.24in.)	193.4mm (7.61in.)	220mm (8.66in.)
	Depth	40mm (1.57in.)	109.8mm (4.32in.)	98mm (3.86in.)	83.3mm (3.28in.)	91mm (3.58in.)
Cut-out dimensions	Diameter Ø	196mm (7.71in.)	240mm (9.45in.)	196mm (7.71in.)	158mm (6.22in.)	196mm (7.71in.)
Net Weight		1kg (2.2lbs.)	-	-	-	1.3kg (2.9lbs.)
Mounting depth from surface		<36mm (1.71in.)	103.3mm (4.07in.)	91mm (3.58in.)	77.8mm (3.06in.)	84.5mm (3.33in.)
Optional rough in frame		RIF160R	RIF200R	RIF160R	RIF130R	RIF160R
Optional rear enclosure		RNC160R	RNC200R	RNC160R	RNC130R	RNC160R



Model		Ci200CR	Ci160CR	Ci160CRds	Ci130CR	Ci50R
Series		C Series	C Series	C Series	C Series	C Series / Soundlight
Nominal impedance		8Ω	8Ω	8Ω	8Ω	6Ω
Sensitivity (2.83V/1m)		90dB	89dB	91dB	87dB	82dB
Frequency response (±6dB) open-backed		45Hz - 20kHz	52Hz - 20kHz	50Hz - 20kHz	52Hz - 20kHz	125Hz - 20kHz
Frequency response (±6dB) with back can / rear enclosure		-	-	-	-	170Hz - 20kHz
Crossover frequency		2.8kHz	3.4kHz	3.2kHz	4kHz	-
Drive units	LF	200mm (8.0in.)	160mm (6.5in.)	Dual voice coil: 160mm (6.5in.)	130mm (5.25in.)	-
	MF	-	-	-	-	50mm (2.0in.)
	HF	25mm (1.0in.)	19mm (0.75in.)	2 x 19mm (0.75in.)	19mm (0.75in.)	-
Recommended amplifier power		10 - 125W	10 - 100W	10 - 80W	10 - 80W	10 - 30W
Product external dimensions	Diameter Ø	289.6mm (11.4in.)	234.6mm (9.24in.)	234.6mm (9.24in.)	193.4mm (7.61in.)	80mm (3.15in.)
	Depth	103.3mm (4.07in.)	93mm (3.66in.)	93mm (3.66in.)	83.5mm (3.29in.)	52mm (2.05in.)
Cut-out dimensions	Diameter Ø	240mm (9.45in.)	196mm (7.71in.)	196mm (7.71in.)	158mm (6.22in.)	65mm (2.56in.)
Mounting depth from surface		97.2mm (3.83in.)	86mm (3.36in.)	86mm (3.36in.)	78mm (3.07in.)	50mm (1.97in.)
Optional rough in frame		RIF200R	RIF160R	RIF160R	RIF130R	-
Optional rear enclosure		RNC200R	RNC160R	RNC160R	RNC130R	CI50 CAN

Commercial Round



Model		Ci160QCT**	Ci115QCT**	Ci110FCT**	Ci160ST**
Series		Q Series	Q Series	Classic Series	Classic Series
Nominal impedance		8Ω	8Ω	8Ω	4Ω
Sensitivity (2.83V/1m)		89dB	86dB	89dB	85dB
Frequency response (±6dB) with back can / rear enclosure		60Hz - 20kHz	70Hz - 20kHz	110Hz - 18kHz	60Hz - 130kHz
Crossover frequency		2.8kHz	2.3kHz	-	-
Drive units	LF	160mm (6.5in.)	115mm (4.5in.)	110mm (4.3in.)	160mm (6.5in.)
	HF	19mm (0.75in.) Uni-Q	19mm (0.75in.) Uni-Q	-	-
Recommended amplifier power		10 - 100 W	15 - 80 W	10 - 100 W	20 - 100 W
Product external dimensions	Diameter Ø	275mm (10.83in.)	220mm (8.66in.)	220mm (8.66in.)	275mm (10.83in.)
	Depth	188mm (7.40in.)	160mm (6.30in.)	110mm (4.33in.)	188mm (7.40in.)
Cut-out dimensions	Diameter Ø	240mm (9.45in.)	196mm (7.71in.)	196mm (7.71in.)	240mm (9.45in.)
Mounting depth from surface		185mm (7.28in.)	157mm (6.18in.)	107mm (4.21in.)	185mm (7.28in.)
Optional rough in frame		RIF200R	RIF160R	RIF160R	RIF200R

Motorised



Model		Ci3-80QT	Ci200.3QT	CiFDT	Ci100QR	Ci80.2QR	Soundlight system
Series		Q Series	Q Series	-	Q Series / Soundlight	Q Series / Soundlight	C Series / Soundlight
Nominal impedance		8Ω	8Ω	8Ω	4Ω	4Ω	4Ω
Sensitivity (2.83V/1m)		87dB	89dB	86dB	88dB	85dB	88dB
Frequency response (±6dB) open-backed		-	-	-	80Hz - 27kHz	100Hz - 27kHz	62Hz - 20kHz
Frequency response (±6dB) with back can / rear enclosure		87Hz - 30kHz	50Hz - 30kHz	80Hz - 20kHz	110Hz - 27kHz	130Hz - 27kHz	62Hz - 20kHz
Crossover frequency		300Hz, 3kHz	1.8kHz	180Hz	3kHz	3kHz	220Hz
Drive units	LF	2 x 75mm (3.0in.)	200mm (8.0in.)	130mm (5.25in.)	100mm (4.0in.)	80mm (3.15in.)	100mm (4.0in.)
	MF	75mm (3.0in.)	-	180 x 110 mm (7.0in. x 4.5in.)	-	-	4 x 50mm (2.0in.)
	HF	15mm (0.6in.) Uni-Q	25mm (1.0in.) Uni-Q	-	19mm (0.75in.) Uni-Q	15mm (0.6in.) Uni-Q	-
Recommended amplifier power		10 - 100 W	10 - 100 W	20 - 100 W	10 - 50 W	10 - 50 W	10 - 100 W
Product external dimensions (H x W x D)		128 x 377 x 125 mm (5.04 x 14.84 x 4.92 in.)	381 x 279 x 210 mm (15.0 x 10.98 x 8.27in.)	248 x 248 x 104 mm (9.76 x 9.76 x 4.09 in.)	127mm (5in.) 148mm (5.83in.)	103mm (4.06in.) 140mm (5.51in.)	Subwoofer unit: 350 x 180 x 104 mm
Cut-out dimensions	With back can (H x W) / diameter Ø	112 x 354 mm (4.41 x 13.94 in.)	363 x 260 mm (14.29 x 10.24 in.)	233 x 220 mm (9.17 x 8.66in.)	118mm (4.65in.)	97mm (3.82in.)	Soundlight: Ø65mm Subwoofer: Ø65mm
Mounting depth	With back can from surface	-	-	-	145mm (5.71in.)	139mm (5.47in.)	-
	Without back can	120mm (4.72in.)	210mm (8.27in.)	102mm (4.02in.)	100mm (3.94in.)	80mm (3.15in.)	-
Optional rough in frame		-	-	-	RIF100R	RIF80R	-
Optional rear enclosure		-	-	-	RNC100R	RNC80R	-

** UL2043 and ULI480-5 approved

Not all models / finishes are available in all markets. Contact your local dealer for specific range details.
KEF reserves the right, in line with continuing research and development, to amend or change specifications. E&OE.

Outdoor



Model		Ventura 6*	Ventura 5*	Ventura 4*
Nominal impedance		6Ω	6Ω	6Ω
Sensitivity (2.83V/1m)		90dB	89dB	88dB
Frequency response (±6dB) with back can / rear enclosure		54Hz - 20kHz	60Hz - 20kHz	75Hz - 20kHz
Crossover frequency		3kHz	3.8kHz	3.5kHz
Drive units	LF	160mm (6.5in.)	130mm (5.25in.)	115mm (4.5in.)
	HF	25mm (1in.)	25mm (1in.)	19mm (0.75in.)
Recommended amplifier power		10 - 125 W	10 - 100 W	10 - 80 W
Product external dimensions (H x W x D)	Cabinet only	300 x 226 x 219 mm (11.8 x 9 x 8.6 in.)	262 x 197 x 189 mm (10.3 x 7.75 x 7.4 in.)	231 x 172 x 173 mm (9 x 6.75 x 6.8 in.)
	With bracket and knobs	300 x 226 x 263.5 mm (11.8 x 9 x 10.375 in.)	262 x 197 x 235 mm (10.3 x 7.75 x 9.25 in.)	235 x 172 x 203.2 mm (9.25 x 6.75 x 8 in.)
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)



Model		Ci500AW
Nominal impedance		4Ω
Sensitivity (2.83V/1m)		87dB
Frequency response (±6dB) with back can / rear enclosure		60Hz - 20kHz
Crossover frequency		3kHz
Drive units	LF	130mm (5.25in.) LF
	MF	55 sq.cm ABR
	HF	25mm (1in.)
Recommended amplifier power		10 - 70 W
Product external dimensions (H x W x D)	Cabinet only	295 x 180 x 173 mm (11.6 x 7.08 x 6.81 in.)

*Independent test laboratory certified IP65

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