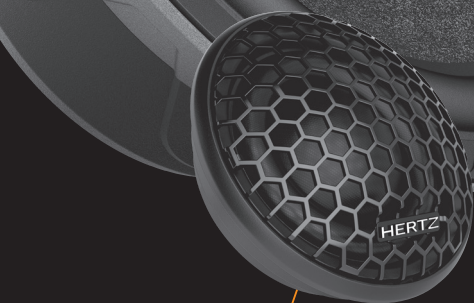


Technology - Art - Sound
Manufactured by
elettromedia

hertzaudiovideo.com



Cento

OWNER'S MANUAL

Comp - System - Coax

HERTZ
The Sound Experience

English / English

Congratulations on purchasing our product. Your satisfaction is the first requirement that our products must meet: the same satisfaction as the one gained by those who long for experiencing the car audio emotion. This manual has been drawn to provide the main instructions required to install and use the system properly. However, the range of possible applications is wide; for further information, please feel free to contact your trusted dealer or our technical support at the email support@elettromedia.it. Before installing the components, please carefully read all of the instructions contained in this manual. Failure to respect these instructions may cause unintentional harm or damage to the product.

1. All components must be firmly secured to the vehicle structure. Do the same when installing any custom structures you may have built. Confirm your installation is solid and safe. A component coming loose while driving may cause serious damage to the passengers, as well as to other vehicles.
2. Always wear protective eyewear when using tools, as splints or product residue may become airborne.
3. In order to avoid incidental damage, keep the product in the original packaging until you are ready for the final installation.
4. Do not carry out any installation inside the engine compartment.
5. Before starting with the installation turn the head unit and all other audio system devices off, avoiding any possible damage.
6. Make sure that the location you choose to install the components does not interfere with the normal operation of any mechanical or electrical devices of the vehicle.
7. Do not install loudspeakers where they may be exposed to water, excessive humidity, dust or dirt.
8. Do not install the tweeter without the protective grille.
9. Do not install the components or make cable run close to electronic or mechanical devices of the vehicle.
10. Be very cautious when drilling or cutting into the vehicle chassis, making sure there are no cables or structural elements essential to the vehicle underneath or in the selected area.
11. When routing cables, make sure that the cable does not come in contact with sharp edges or near moving mechanical devices. Make sure that it is firmly attached and protected along its entire length and its insulation is self-extinguishing.
12. Only use cables with the proper section (AWG) indicated herein.
13. When running the cable through a hole in the vehicles chassis, protect the cable with a rubber ring (grommet). Be sure to provide proper protection for cables running close to heat-generating devices.
14. Do not run the wires outside of the vehicle.
15. Use top quality cables, connectors and accessories such as found in the Connection catalogue.
16. Warranty certificate: For more information visit the Hertz website.

SAFE SOUND

USE COMMON SENSE AND PRACTICE SAFE SOUND. PLEASE REMEMBER THAT LONG EXPOSURE TO EXCESSIVELY HIGH SOUND PRESSURE LEVELS MAY DAMAGE YOUR HEARING. SAFETY MUST BE AT THE FOREFRONT WHILE DRIVING.



Information on electrical and electronic equipment waste (for those European countries which organize the separate collection of waste)

Products which are marked with a wheeled bin with an X through it can not be disposed of together with ordinary domestic waste. These electrical and electronic products must be recycled in proper facilities, capable of managing the disposal of these products and components. In order to know where and how to deliver these products to the nearest recycling/disposal site please contact your local municipal office. Recycling and disposing of waste in a proper way contributes to the protection of the environment and to prevent harmful effects on health.

Eesti / Estonian

Õnnitleme teid meie toote ostmise puhul. Teie rahulolu on esimene tingimus, millele meie tooted peavad vastama; rahulolu, mille saavad need, kes loodavad kogeda auto helisüsteemist saadavaid elamusi. See kasutusjuhend on mõeldud pakkuma peamisi juhiseid, mis on vajalikud süsteemi õigeks paigaldamiseks ja kasutamiseks. Siiski on kasutusrakenduste valik lai; täpsema info saamiseks võtke ühendust oma usaldusväärse edasimüüjaga või meie tehnilise toega e-posti aadressil support@elettromedia.it. Lugege enne komponentide paigaldamist põhjalikult kõiki selles kasutusjuhendis sisalduvaid juhiseid. Nende juhiste eiramine võib põhjustada tootele soovimatuid kahjusid ja vigastusi.

1. Kõik komponendid tuleb korralikult šassii külge kinnitada. Sama kehtib mistahes spetsiaalpaigalduste kohta. Veenduge, et paigaldus on korralikult kinnitatud ja turvaline. Sõidu ajal lahti tulev detail võib rängalt vigastada nii autosolijaid kui teisi sõidukeid.
2. Tööriistade kasutamisel kasutage alati silmakaitseid, kuna killud või tootejäägid võivad laiali paiskuda.
3. Hoidke soovimatute kahjustuste vältimiseks toodet võimalusel originaalpakendis seni, kuni te olete valmis seda lõplikult paigaldama.
4. Ärge paigaldage midagi mootoriruumi.
5. Enne paigalduse alustamist lülitage välja põhiseade ja kõik muud audiosüsteemi osad, kuna vastasel juhul võivad need viga saada.
6. Veenduge, et osade paigaldamiseks valitud koht ei häiri sõiduki mehaaniliste ja elektriseadmete normaalset tööd.
7. Ärge paigaldage kõlareid kohta, kus nad võivad kokku puutuda vee, ülemäärase niiskuse või mustusega.
8. Ärge paigaldage kõrgsageduskõlarit ilma kupli eesmise kaitsevõreta.
9. Ärge paigaldage komponente ega vedage kaableid sõiduki elektrikarbi lähedale.
10. Šassii puurimisel ja lõikamisel tuleb olla äärmiselt ettevaatlik ning kontrollida, et paigalduseks valitud piirkonnas ega selle all pole ei elektrijuhtmeid ega sõiduki struktuurielemente.
11. Kaablite juhtimisel jälgige, et kaabel ei puutuks kokku teravate servadega ega satuks liikuvate mehaaniliste seadmetele lähedale. Veenduge, et see on kogu pikkuses kindlalt kinnitatud ja kaistud ning et selle isolatsioon on isekustuv.
12. Kasutage vastavalt kasutatavale toitele ainult sobiva ristlõikega (AWG) kaableid.
13. Kaabli tõmbamisel läbi sõiduki šassisis oleva ava kaitske kaablit kummist kaitserõngaga. Jälgige, et te tagaksite kuumust kiirgavate alade läheduses olevate kaablitele sobiva kaitse.
14. Ärge vedage kaableid väljaspool sõidukit.
15. Kasutage parima kvaliteediga kaableid, ühendusi ja muid lisaseadmeid, näiteks kataloogist Connection.
16. Garantiikaart: Lisainfot leiate Herzi veebilehelt.

OHUTU HELI

KASUTAGE MÕISTLIKULT OHUTUT HELI. PIDAGE MEELES, ET PIKAAJALINE VÄGA TUGEVA HELIRÕHUGA HELI KUULAMINE VÕIB KUULMIST KAHJUSTADA. SÕIDUKI JUHTIMISEL ON ESMATÄHTIS OHUTUS.



Teave elektriliste ja elektroonikajäätmete kohta (nendele Euroopa riikidele, mis korraldavad sorteeritud jäätmete kogumist) Tooted, mis on märgistatud läbikriipsutatud (X) ratasel prügi konteineri märgiga, ei või utiliseerida koos teise tavapäraste olmejäätmetega. Neid elektrilisi ja elektroonilisi tooteid tuleb ümber töödelda sobivates tehastes, mis on suutelnud neid tooteid ja komponente utiliseerida. Võtke ühendust oma kohaliku omavalitsusega, et teada saada, kuhu ja kuidas tuleks neid tooteid lahmistada ümbertöötlemis-/utiliseerimisjaama toimetada. Jäätmete sobiv ümbertöötlemine ja utiliseerimine aitab kaasa keskkonna kaitsmisele ja ennetab ohtlikke mõjusid tervisele.

■ Hertz Warranty

The **Hertz** products are warranted, under normal functioning conditions, for the period of time as set by the laws in force, against defects concerning materials or their manufacturing. The warranty is valid from the date of purchase, certified by receipt. The warranty is not valid if:

- the product is damaged by incidents, installations and/or improper use, or by any other causes not depending on materials or manufacturing defects;
- the product is modified or tampered with by unauthorised people;
- its serial number has been altered or cancelled.

While the product is under warranty, defective parts will be repaired or replaced at the manufacturer's discretion.

The defective product, along with notification about it, must be returned to the dealer from which it was purchased together with the warranty certificate duly filled in. If the product is no longer under warranty, it will be repaired at the current costs.

Elettromedia s.r.l. does not undertake any liability for damages due to transportation.

Elettromedia s.r.l. does not take any responsibility for: costs or loss of profit due to the impossibility to use the product, other accidental or consequential costs, expenses or damages suffered by the customer.

Warranty according to laws in force.

For more information visit the Hertz website.

■ Гарантия Hertz

Продукция **Hertz** обладает гарантией в течение установленного текущими законами срока, при нормальных условиях использования, если она вызвана дефектами материалов или их производства. Гарантия действительна с даты покупки, подтвержденной чеком. Гарантия недействительна в следующих случаях:

- продукт поврежден в результате инцидентов, не касающихся материалов или производственных дефектов;
- продукт изменен или фальсифицирован неуполномоченными лицами;
- его серийный номер изменен или стерт.

Если на продукт распространяется гарантия, его производитель принимает решение о ремонте или замене его неисправных деталей. Неисправный продукт необходимо передать распространителю, где он был куплен, предъявив полностью заполненный гарантийный сертификат. В случае если гарантия больше не распространяется на продукт, он будет отремонтирован по текущей стоимости. Мы не принимаем на себя обязательства, связанные с повреждениями вследствие транспортировки. Мы не несем ответственности за: расходы или потеря прибылей вследствие невозможности пользования данным продуктом, прочие случайные или возможные издержки, расходы или повреждения, покрытые клиентом. Гарантия в соответствии с действующим законодательством.

■ محتويات العبوة / Съдържание на опаковката / 包裝內容 / 內裝物 / Sadržaj pakiranja / Obsah balení / Pakkensa indhold / Pakket inhoud / Packaging contents / Pakendi sisu / Pakkauksen sisältö / Contenu de l'emballage / Verpackungsinhalt / Περιεχόμενα συσκευασίας / תוכן האריזה / A csomag tartalma / Isi kemasan / Contenuto dell'imballo / パッケージ内容 / 패키지 내용 / Lepakojuma saturs / Pakuotės turinys / Innhold / محتويات بسته / Zawartość opakowania / Conteúdo da embalagem / Conținutul pachetului / Комплектация / Obsah balenia / Vsebina embalaže / Contenido del embalaje / Förpackningens innehåll / ส่วนประกอบผลิตภัณฑ์ / Paket içeriği

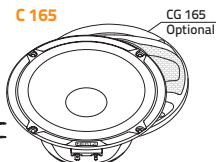
C 26



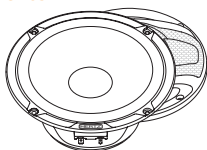
C 26 OE



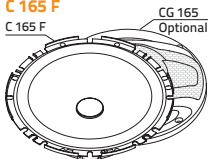
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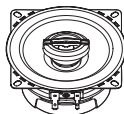
C 165 L



C 165 F



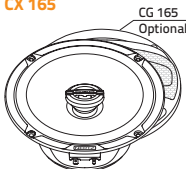
CX 100



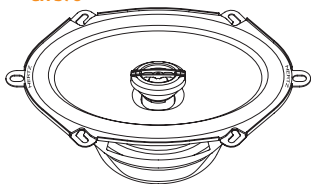
CX 130



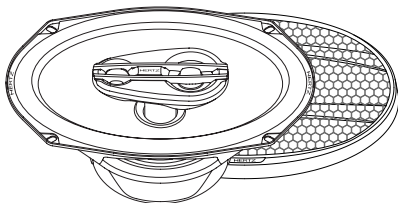
CX 165



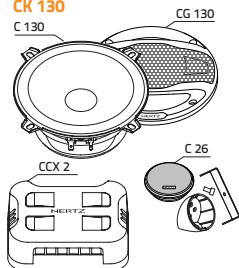
CX 570



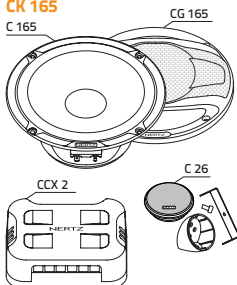
CX 690



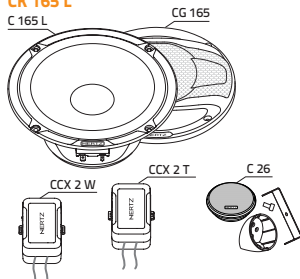
CK 130



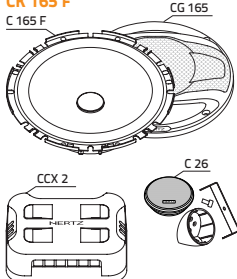
CK 165



CK 165 L

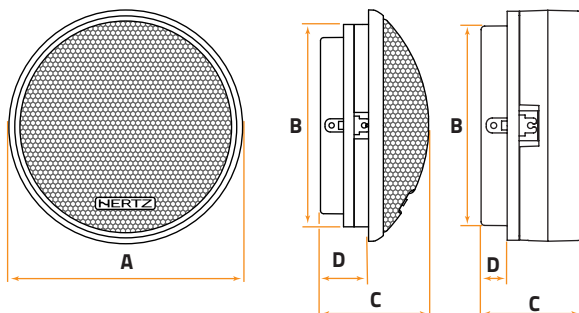


CK 165 F



الحجم / Размер / 尺寸 / 規格 / Veličina / Velikost / Størrelse / Afmetingen / Size / Suurus / Koko / Dimensions / Größe / Διαστάσεις / اندازه / Méretek / Ukuran / Ingombro / サイズ / 크기 / Izmērs / Dydis / Størrelse / גודל / Wielkość / Dimensão / Dimensiuni / Размер / Rozměry / Velikost / Tamaño / Storlek / ขนาด / Ebat

C 26 / C 26 OE

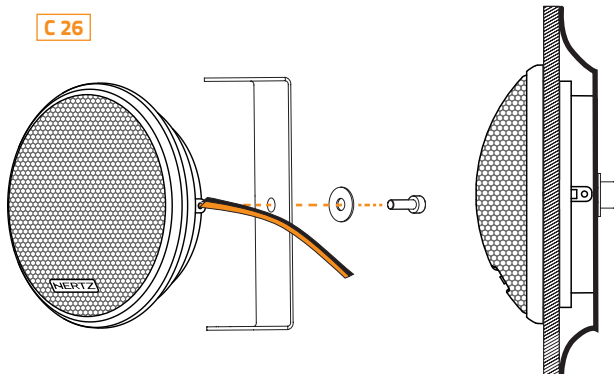


	A	B	C	D	
C 26	44	38,5	20	9,1	mm
	1.73	1.52	0.79	0.36	in.
C 26 OE	38,63	33,4	16,7	4,36	mm
	1.52	1.31	0.66	0.17	in.

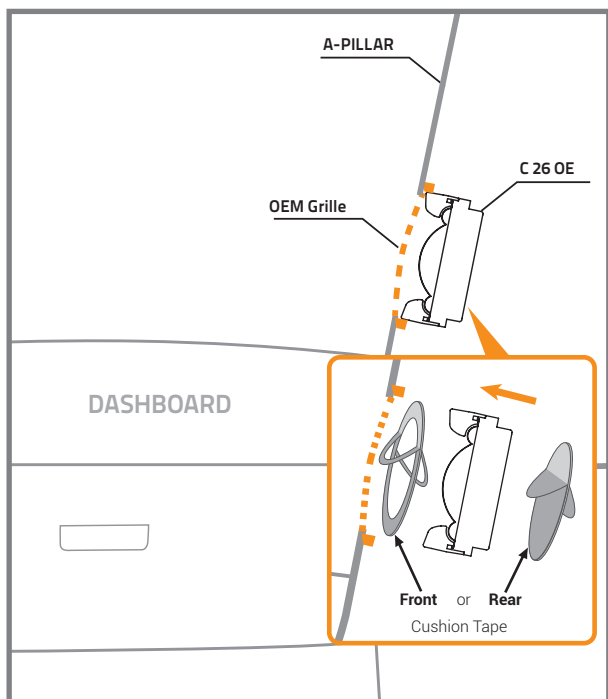
Cento

■ التثبيت على نفس المستوى / Скрит монтаж / 冲洗安裝 / 嵌入裝置 / Razinska ugradnja / Montáž pod omítku / Flush montering / Inbouwmontage / Flush mounting / Süvispaigaldus / Asennus pinnan tasoon / Montage encastré / Einbau / Χωνευτή τοποθέτηση / הרבה שטוחה / Szintbe szerelés / Pemasangan di dinding langit-langit / Montaggio incassato / フラッシュマウント / 플러시 마운트 / ledzījinātā uzstādīšana / Rėmelio montavimas / Innfelling / تعبيه توكار / Montaž płaski / Montagem embutida / Montaj incastrat / Скрытый монтаж / Zapustená montáž / Prilegajoča namestitev / Montaje empotrado / Spolmontering / การใส่เสาไฟลงในแนวระนาบ / Gömme montaj

C 26

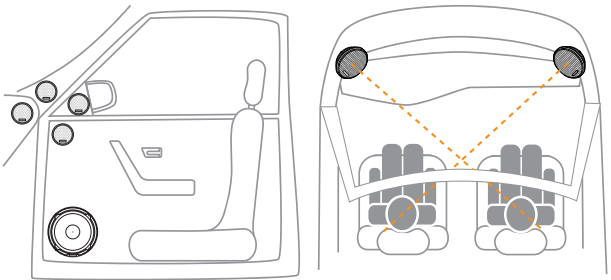


C 26 OE



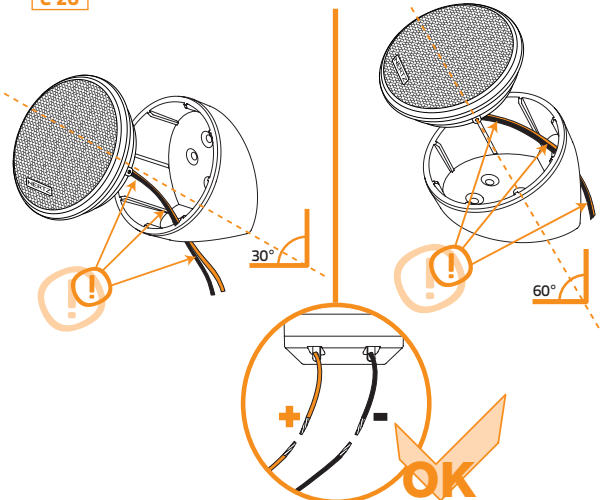
■ الطول والزوايا المقترحة / Предложени дължина и ъгъл / 建議長度及角度 / 建议长度及角度 / Preporučena duljina i kut nagiba / Požadovaná délka a úhel / Foreslået længde og vinkel / Voorgestelde lengte en hoek / Suggested Length and Angle / Soovitav pikkus ja nurk / Suositeltu pituus ja kulma / Longueur et angle recommandés / Empfohlene Länge und Winkel / Προτεινόμενο μήκος και γωνία / הצעת אורך וחיות / Javasolt hossz és szög / Panjang dan sudut terbaik / Distanze e angolazione suggeriti / 長さ・角度案 / 권장 길이 및 앵글 / Ieteicamais garums un lenķis / Rekomenduojamas ilgis ir pakreipimo kampas / Foreslått lengde og vinkel / طول و زاوية توصيه شده / Sugerowana długość i kąt / Sugestão de extensão e ângulo / Distanța recomandată și unghiul de instalare / Рекомендуемое расстояние и угол установки / Odporúčaná dĺžka a uhol / Predlagana dolžina in nagib / Longitud y ángulo sugeridos / Föreslagen längd och vinkel / ความยาวและมุมที่แนะนำ / Önerilen uzunluk ve aç

CK 130 / CK 165 / CK 165 L / CK 165 F



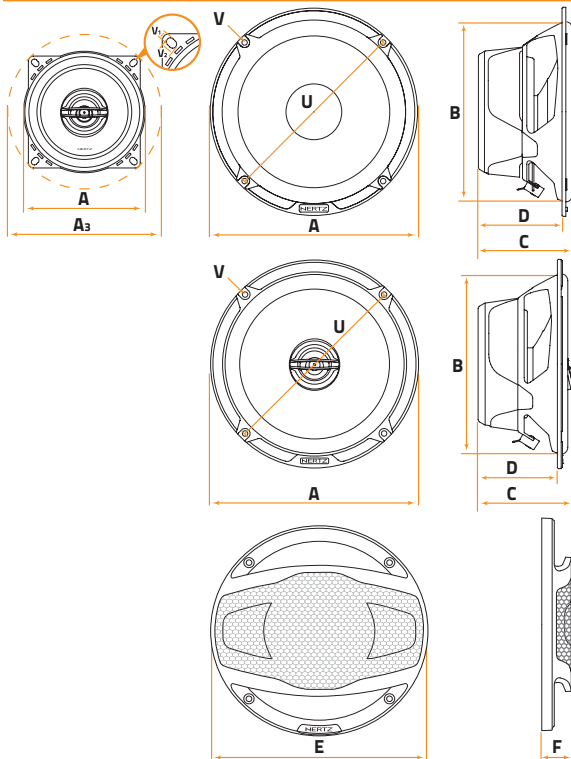
■ تثبيت الخوايير / Монтаж болтове / 楔形安裝 / 楔形件安裝 / Montaža s klinom / Zaklinění / Wedge montering / Montage op hellende steun / Wedge mounting / Kiilpaigaldus / Kiila-asennus / Montage avec cale / Montage der Keile / Τοποθέτηση σε σκρητή βάση / הכבדת טרמי / Beszerelés ferdén / Pemasangan datar / Montaggio con supporto inclinato / ウエッジマウント / 웨지 마운트 / Uzdādīšana iekļējot / Tvirtinimo pleišty montavimas / Ekstern montering / نصب و تعبیه و ج / Montaź klinowy / Montagem de cunha / Montaj de fixare / Клиновой монтаж / Delenā montāž / Namestitev z zagozdo / Cuña de montaje / Kilmontering / จัดการใส่ส้ว / Eğimli destek montaj

C 26



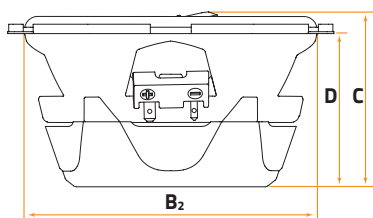
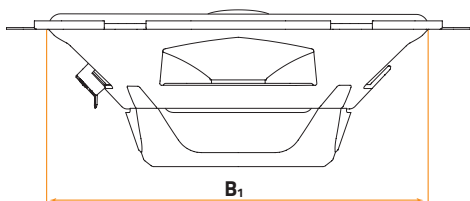
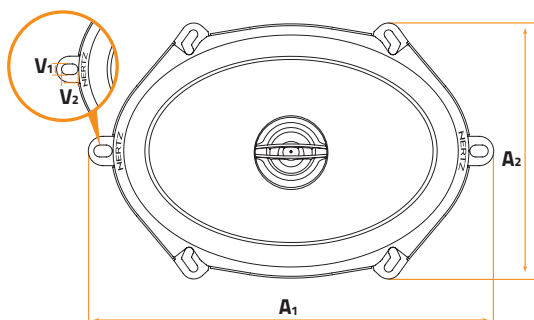
الحجم / Размер / 尺寸 / 規格 / Veličina / Velikost / Størrelse / Afmetingen / Size / Suurus / Koko / Dimensions / Größe / Διαστάσεις / اندازه / Méretek / Ukuran / Ingombro / サイズ / ヨブ / Izmērs / Dydis / Størrelse / גודל / Wielkość / Dimensão / Dimensiuni / Размер / Rozměry / Velikost / Tamaño / Storlek / ขนาด / Ebat

C 130 / C 165 / C 165 L / C 165 F / CX 100 / CX 130 / CX 165 / CG 130 / CG 165

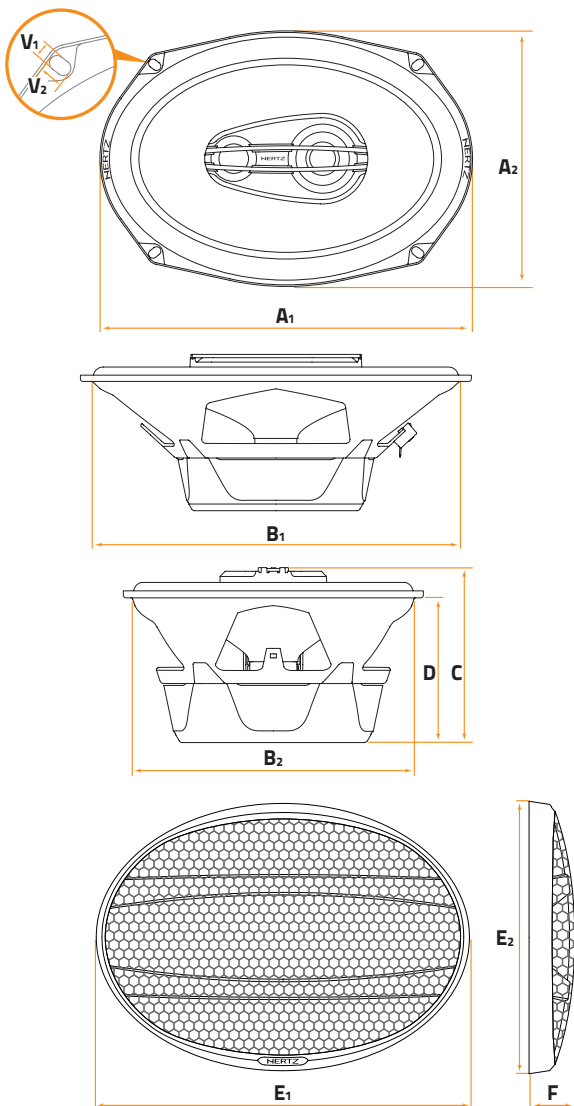


	A	A ₃	B	C	D	E	F	U	V	V ₁	V ₂	
C 130	130	150	119	65,5	49,5	-	-	138	-	5,2	8,1	mm
	5.12	5.91	4.69	2.58	1.95	-	-	5.43	-	0.2	0.32	in.
C 165	165	-	142	71	62,5	-	-	156	4,3	-	-	mm
	6.5	-	5.59	2.8	2.46	-	-	6.14	0.17	-	-	in.
C 165 L	165	-	142	71	62,5	-	-	156	4,3	-	-	mm
	6.5	-	5.59	2.8	2.46	-	-	6.14	0.17	-	-	in.
C 165 F	165	-	141	50,6	43,5	-	-	-	-	-	-	mm
	6.5	-	5.55	1.99	1.71	-	-	-	-	-	-	in.
CX 100	102,5	130	93	57,5	43,5	-	-	117	-	5	7	mm
	4.04	5.12	3.66	2.26	1.71	-	-	4.61	-	0.2	0.28	in.
CX 130	130	150	119	65,5	49,5	-	-	138	-	5,2	8,1	mm
	5.12	5.91	4.69	2.58	1.95	-	-	5.43	-	0.2	0.32	in.
CX 165	165	-	142	71	62,5	-	-	156	4,3	-	-	mm
	6.5	-	5.59	2.8	2.46	-	-	6.14	0.17	-	-	in.
CG 130	-	-	-	-	-	156	21	-	-	-	-	mm
	-	-	-	-	-	6.14	0.83	-	-	-	-	in.
CG 165	-	-	-	-	-	171	24	-	-	-	-	mm
	-	-	-	-	-	6.73	0.94	-	-	-	-	in.

CX 570

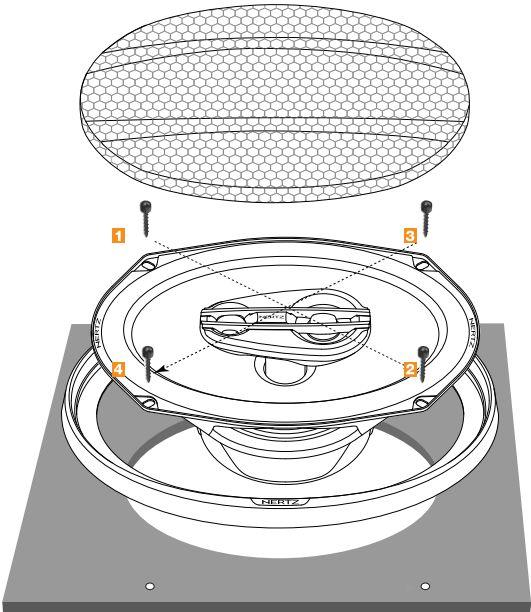
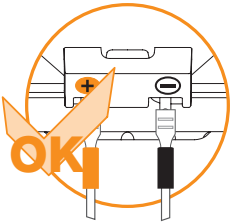
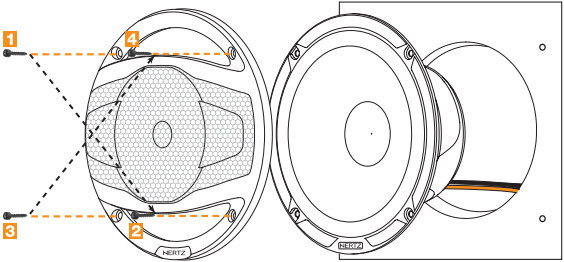


CX 690



	A ₁	A ₂	B ₁	B ₂	C	D	E ₁	E ₂	F	V ₁	V ₂	
CX 570	221	139,5	182	126,5	75	65,5	-	-	-	4,8	10	mm
	8.7	5.49	7.17	4.98	2.95	2.58	-	-	-	0.19	0.39	in.
CX 690	238	163	224	155	95	78,5	268	192	29	5,5	8,5	mm
	9.37	6.42	8.82	6.1	3.74	3.09	10.55	7.56	1.14	0.22	0.33	in.

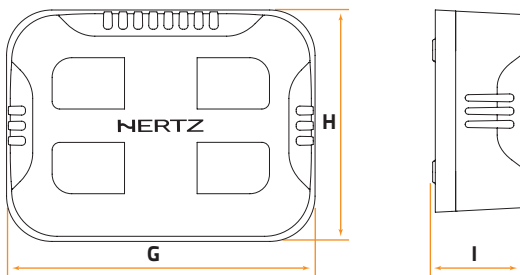
■ التثبيت / Монтаж / 安裝 / 安裝 / Montaža / Montáž / Montering / Montage / Mounting / Paigaldamine / Kiinnitys / Montage / Montage / Τοποθέτηση / הרכבה / Beszerelés / Pemasangan / Montaggio / マウント / 마운트 / Uztādīšana / Montavimas / Montering / تجميعه / Montaž / Montagem / Montaj / Монтаж / Montáž / Namestitev / Montaje / Montering / การใส่สายไฟ / Montaj



Cento

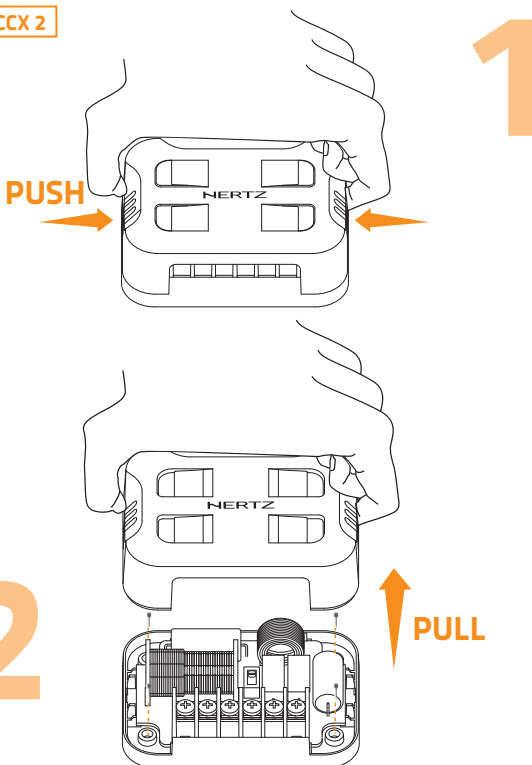
■ الحجم / Размер / 尺寸 / 規格 / Veličina / Velikost / Størrelse / Afmetingen / Size / Suurus / Koko / Dimensions / Größe / Διαστάσεις / اندازه / Méretek / Ukuran / Ingombro / サイズ / ヨリ / Izmērs / Dydis / Størrelse / גודל / Wielkość / Dimensão / Dimensiuni / Размер / Rozměry / Velikost / Tamaño / Storlek / ขนาด / Ebat

CCX 2

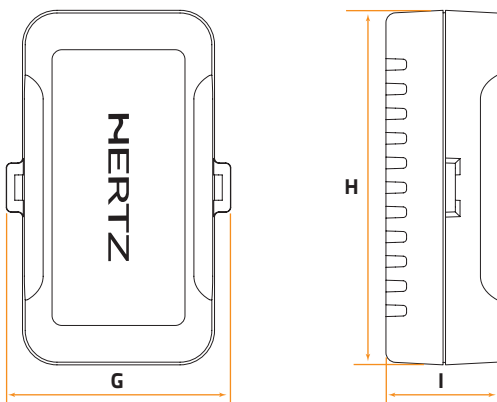


	G	H	I	
CCX 2	102	76,5	32,5	mm
	4.02	3.01	1.28	in.

CCX 2

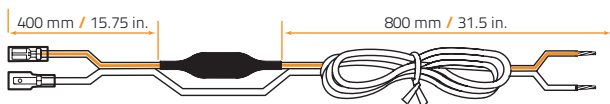


CCX 2 T / CCX 2 W



	G	H	I	
CCX 2T	45,5	72	23	mm
CCX 2W	1.8	2.83	0.9	in.

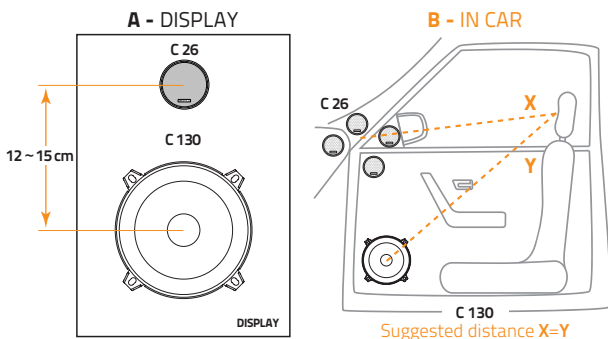
CCX 26



Cento

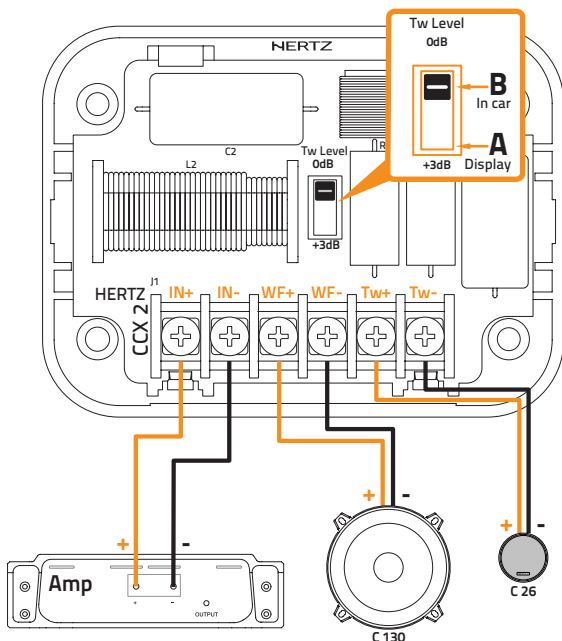
ول و الزاوية المقترحة / Свързване на системата / 連接系統 / 连接系統 / Priključivanje sustava / Pripojeni sistem / Forbiding af systemer / Aansluiten van de systemen / Connecting the systems / Süsteemi ühendamine / Järjestelmän kytkeminen / Branchement du système / System anschließen / Σύνδεση του συστήματος / חיבור המערכת / A rendszer csatlakoztatása / Menghubungkan sistem / Collegamenti dei filtri / システムの接続 / 시스템 연결 / Sistēmas pievienošana / Sistemos sujungimas / Oppkobling av systemet / هاتمصل نمودن سیستم / Podłączając system / Ligar o sistema / Conexiunea sistemului / Подключение системы / Pripojenie systému / Priključevanje sistema / Conexión del sistema / Anslut systemet / תחבורת המערכת / Sistemin bağlanması

CK 130

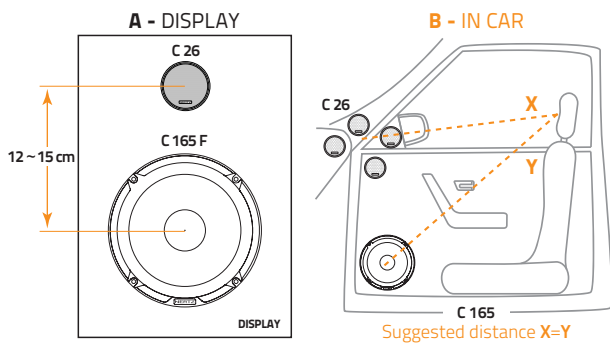


Suggested crossover set-up

CCX 2

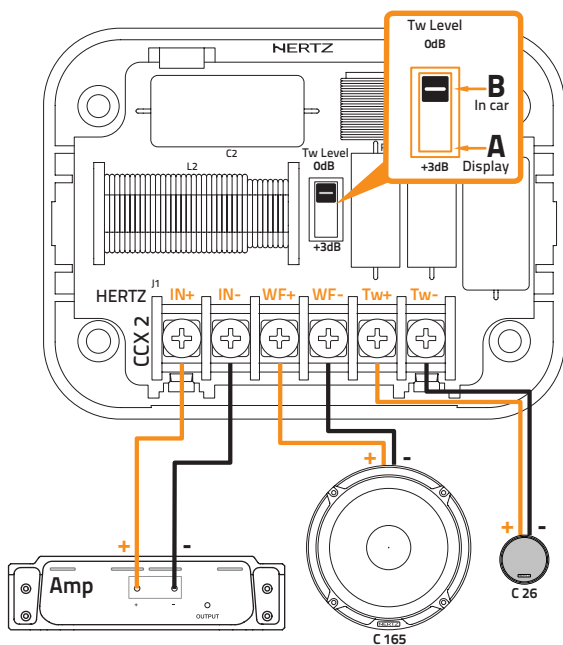


CK 165

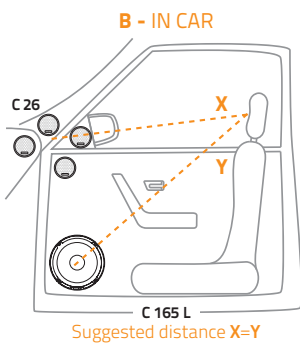
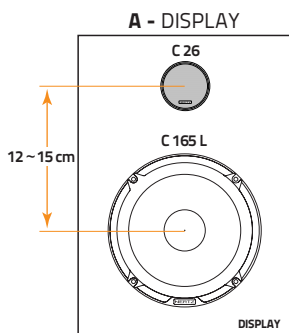


Suggested crossover set-up

CCX 2

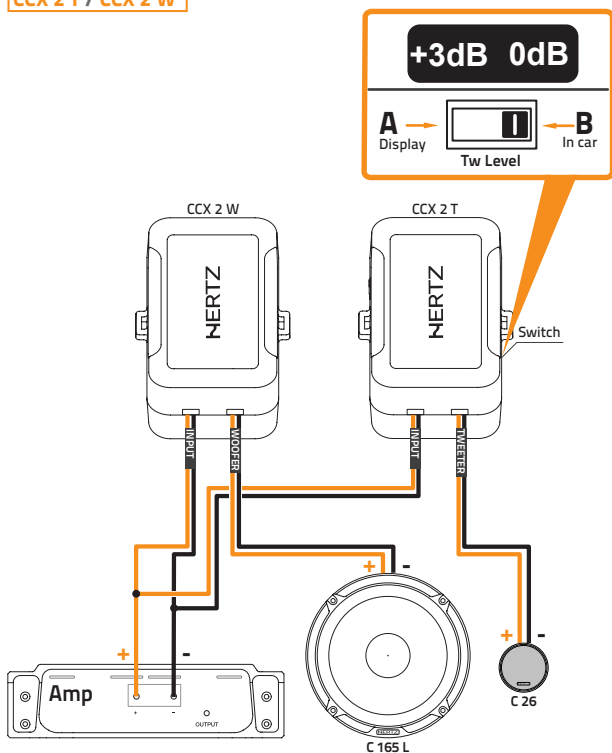


CK 165 L



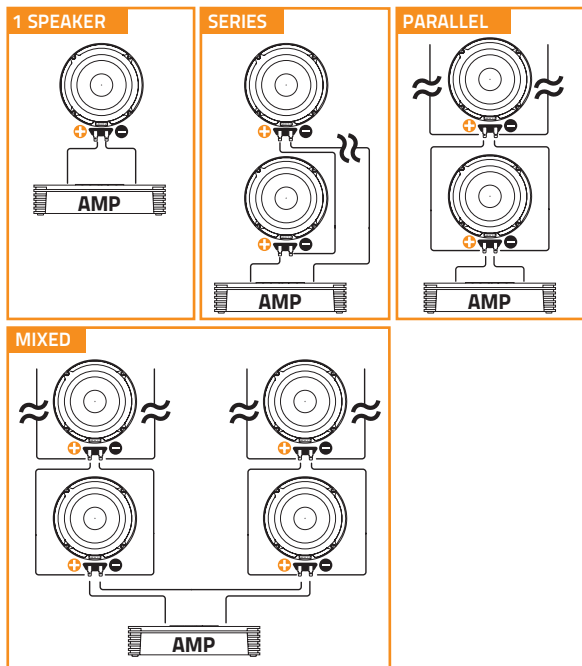
Suggested crossover set-up

CCX 2 T / CCX 2 W



Cento

التوصيلات / Свързвания / 連接 / 连接 / Spajanje / Připojení / Forbindelser / Verbindungen / Connections / Ühendused / Kytkenät / Connexions / Verbindungen / Συνδέσεις / חיבורים / Csatlakozók / Sambungan / Conessioni / 接続 / 연결 / Savienojumi / Jungtys / Tilkoblinger / اتصالات / Połączenia / Ligações / Conectarea / Подключения / Pripojenie / Vezave / Conexiones / Anslutningar / การเชื่อมต่อ / Bağlantılar



FREE AIR DC RESISTANCE		C 130	C 165	C 165 L	C 165 F	CX 100	CX 130	CX 165	CX 570	CX 690	
Series	1 Speaker	3,2	3,2	3,2	2,7	3,2	3,2	3,2	3,2	3,2	Ω
	2 Speaker	6,4	6,4	6,4	5,4	6,4	6,4	6,4	6,4	6,4	Ω
	3 Speaker	9,6	9,6	9,6	8,1	9,6	9,6	9,6	9,6	9,6	Ω
	4 Speaker	12,8	12,8	12,8	10,8	12,8	12,8	12,8	12,8	12,8	Ω
Parallel	2 Speaker	1,6	1,6	1,6	1,4	1,6	1,6	1,6	1,6	1,6	Ω
	3 Speaker	1,1	1,1	1,1	0,9	1,1	1,1	1,1	1,1	1,1	Ω
	4 Speaker	0,8	0,8	0,8	0,7	0,8	0,8	0,8	0,8	0,8	Ω
Mixed	4 Speaker	3,2	3,2	3,2	2,7	3,2	3,2	3,2	3,2	3,2	Ω
	6 Speaker	2,1	2,1	2,1	1,8	2,1	2,1	2,1	2,1	2,1	Ω
	8 Speaker	1,6	1,6	1,6	1,4	1,6	1,6	1,6	1,6	1,6	Ω

المعلومات الكهرو صوتية / Електро-акустични параметри / 電聲參數 / 电声参数 / Elektro-akustički parametri / Elektroakustické parametry / Electro-Acoustic parametre / Elektro-akoestische parameters / Electro-Acoustic parameters / Elektroakustilised parameetrid / Sähköakustiset parametrit / Paramètres électro-acoustiques / Elektro-akustische Parameter / Ηλεκτρο-ακουστικές παράμετροι / פרמטרים אלקטרו-אקוסטיים / Elektro-akusztikus paraméterek / Parameter elektro-akustik / Parametri elettroacustici / 電気音響/パラメータ / 전자 어쿠스틱 파라미터 / Elektro-akustiskie parametri / Elektriniai-akustiniai parametrai / Elektro-akustiske parametre / پارامترهای الکتروآکوستیکی / Parametry elektro-akustyczne / Parâmetros electro-acústicos / Specificatii tehnice / Электроакустические параметры / Elektro-akustické parametre / Elektro-akustični parametri / Parâmetros electroacústicos / Elektroakustiska parametrar / อีเล็กโทร-อคูสติก พารามิเตอร์ / Elektro-aküstik parametreler

	C 26 / C 26 OE	C 130	C 165	C 165 L	C 165 F	CX 100	CX 130	CX 165	CX 570	CX 690
D mm	26	110	131,5	131,5	134	86	110	131,5	139	172
Sd Cm ²	5,31	95	135,80	135,80	138,02	58,70	95	136,85	152	233,5
Xmax mm	-	3,1	3,5	5,1	3,2	2,3	3,1	3,5	3,5	4,1
Re Ω	3,7	3,2	3,2	3,2	2,7	3,2	3,2	3,2	3,2	3,2
Fs Hz	1500	80	60	60	80	100	80	65	70	60
Le mH	0,02	0,17	0,2	0,23	0,154	0,18	0,18	0,21	0,206	0,24
Vas l	-	6.30	13,24	13,66	9,40	1,86	13,5	12,2	9,1	27,7
Mms g	0,17	8	13,9	14,2	12	5,1	7,6	13,3	14,2	20
Cms mm	0,07	0,50	0,51	0,52	0,33	0,38	0,50	0,46	0,28	0,36
BL T•m	1,3	4,1	4,9	4,9	3,9	3,5	4,2	4,8	4,7	5,8
Qts	1,6	0,61	0,59	0,60	0,80	0,72	0,56	0,60	0,76	0,60
Qes	3,5	0,72	0,69	0,70	1	0,94	0,67	0,73	0,99	0,71
Qms	2,9	3,9	3,9	3,8	3,4	3,1	3,5	3,4	3,4	3,9
Spl dB	92	92,5	93	91	93	92	92,5	93	93,5	94,5

المواصفات الفنية / Технически спецификации / 技術規格 / 技术规格 / Tehnički podaci / Technické údaje / Tekniske spesifikationer / Technische specificaties / Technical specifications / Tehnilised andmed / Tekniset tiedot / Caractéristiques techniques / Technische daten / Τεχνικά χαρακτηριστικά / מפרט טכני / Műszaki adatok / Spesifikasi teknis / Specifiche tecniche / 技術仕様 / 기술 사양 / Tehniskā specifikācija / Techniniai duomenys / Tekniske spesifikasjoner / مشخصات فنی / Szczegóły techniczne / Especificações técnicas / Parametrii electro-acustici / Технические условия / Technické informácie / Tehnične specifikacije / Especificaciones técnicas / Tekniska specifikationer / ความต้องการทางเทคนิค / Teknik veriler

	Component		Size	Power handling		Impedance	Frequency response
				Peak	Continuous		
			mm (in.)	W	W	Ω	Hz
C 26 / C 26 OE	Tweeter		Tweeter diaphragm 26 (1)	120 (Hi-pass filtered @ 2.5 KHz -12 dB/Oct)		4	1,8K ÷ 22,5k
C 165	Woofer		165 (6.5)	210	70	4	55 ÷ 7k
C 165 L	Woofer		165 (6.5)	240	80	4	50 ÷ 5k
C 165 F	Woofer		165 (6.5)	70	180	4	65 ÷ 4,5k
CX 100	Two way coaxial		Woofer 100 (4)	120	40	4	80 ÷ 22k
			Tweeter diaphragm 24 (0.9)				
CX 130	Two way coaxial		Woofer 130 (5)	150	50	4	65 ÷ 22k
			Tweeter diaphragm 24 (0.9)				
CX 165	Two way coaxial		Woofer 165 (6.5)	210	70	4	55 ÷ 22k
			Tweeter diaphragm 24 (0.9)				
CX 570	Two way coaxial		Woofer - (5x7)	210	70	4	55 ÷ 22k
			Tweeter diaphragm 24 (0.9)				
CX 690	Three way coaxial		Woofer - (6x9)	300	100	4	40 ÷ 23k
			Tweeter diaphragm 40 (1.58)				
			Super Tweeter diaphragm 20 (0.8)				
CK 130	Two way System	C 130	Woofer 130 (5)	210	70	4	65 ÷ 22,5k
		C 26	Tweeter diaphragm 26 (1)				
CK 165	Two way System	C 165	Woofer 165 (6.5)	285	95	4	55 ÷ 22,5 k
		C 26	Tweeter diaphragm 26 (1)				
CK 165 L	Two way System	C 165 L	Woofer 165 (6.5)	300	100	4	50 ÷ 22,5 k
		C 26	Tweeter diaphragm 26 (1)				
CK 165 F	Two way System	C 165 F	Woofer 165 (6.5)	90	270	4	65 ÷ 22,5 k
		C 26	Tweeter diaphragm 26 (1)				

Magnet size	Voice coil Ø	Magnet	Cone	Weight of one component
mm (in.)	mm (in.)			Kg (lb.)
19 x 3 (0.75 x 0.12)	20 (0.8)	Neodymium	Tetolon	0,037 (0.08)
85 x 32 x 15 (3.35 x 1.26 x 0.59)	25 (1)	Hight Density flux Ferrite	Semi-Pressed paper with Mica	0,96 (2.12)
85 x 32 x 17 (3.35 x 1.26 x 0.67)	25 (1)	Hight Density flux Ferrite	Water repellent non pressed paper	0,973 (2.15)
90 x 32 x 10 (3.54 x 1.26 x 0.39)	25 (1)	Hight Density flux Ferrite	Semi-Pressed paper with Mica	0,72 (1.59)
70 x 32 x 10 (2.76 x 1.26 x 0.39)	25 (1)	Hight Density flux Ferrite	Semi-Pressed paper with Mica	0,47 (1.04)
13 x 2 (0.51 x 0.08)	13 (0.5)	Neodymium	Tetolon	
80 x 32 x 13 (3.15 x 1.26 x 0.51)	25 (1)	Hight Density flux Ferrite	Semi-Pressed paper with Mica	0,73 (1.61)
13 x 2 (0.51 x 0.08)	13 (0.5)	Neodymium	Tetolon	
85 x 32 x 15 (3.35 x 1.26 x 0.59)	25 (1)	Hight Density flux Ferrite	Semi-Pressed paper with Mica	0,95 (2.09)
13 x 2 (0.51 x 0.08)	13 (0.5)	Neodymium	Tetolon	
85 x 32 x 15 (3.35 x 1.26 x 0.59)	25 (1)	Hight Density flux Ferrite	Semi-Pressed paper with Mica	1 (2.2)
13 x 2 (0.51 x 0.08)	13 (0.5)	Neodymium	Tetolon	
100 x 32 x 15 (3.94 x 1.26 x 0.59)	25 (1)	Hight Density flux Ferrite	Semi-Pressed paper with Mica	1,55 (3.42)
19 x 3 (0.75 x 0.12)	20 (0.8)	Neodymium	PEI	
80 x 32 x 13 (3.15 x 1.26 x 0.51)	25 (1)	Hight Density flux Ferrite	Semi-Pressed paper with Mica	0,7 (1.54)
19 x 3 (0.75 x 0.12)	20 (0.8)	Neodymium	Tetolon	0,037 (0.08)
85 x 32 x 15 (3.35 x 1.26 x 0.59)	25 (1)	Hight Density flux Ferrite	Semi-Pressed paper with Mica	0,96 (2.12)
19 x 3 (0.75 x 0.12)	20 (0.8)	Neodymium	Tetolon	0,037 (0.08)
85 x 32 x 17 (3.35 x 1.26 x 0.67)	25 (1)	Hight Density flux Ferrite	Water repellent non pressed paper	0,973 (2.15)
19 x 3 (0.75 x 0.12)	20 (0.8)	Neodymium	Tetolon	0,037 (0.08)
90 x 32 x 10 (3.35 x 1.26 x 0.39)	25 (1)	Hight Density flux Ferrite	Semi-Pressed paper with Mica	0,72 (1.59)
19 x 3 (0.75 x 0.12)	20 (0.8)	Neodymium	Tetolon	0,037 (0.08)

	Component	Specific component	Size	Crossover weight
			mm (in.)	Kg (lb.)
CCX 2	Crossover	CK 130 / CK 165 / CK 165 F	102 x 76,5 x 32,5 (4.02x3.01x1.28)	0,185 (0.41)
CCX 2 T	Crossover	C 26 (CK 165 L)	72 x 45,5 x 23 mm (2.83 x 1.8 x 0.9)	0,07 (0.15)
CCX 2 W		C 165 L (CK 165 L)		
CCX 26	Crossover	C26 OE	LENGHT: 1200mm (47.24 in)	0,02 (0.04)

Type	Crossover Point	Adjustment
2 Way HP 12 dB Oct.	2.5 kHz	Tweeter Level: 0 / +3 dB
HP 12 dB Oct.	3,8 kHz	Tweeter Level: 0 / +3 dB
LP 6 dB Oct.	3,8 kHz	-
HP 6 dB Oct	5,5 kHz	-



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All Specifications Subject to Change Without Notice

FBL013_19.REV/A

CK 165 F

TWO WAY SYSTEM

270 W

Compact **SIZE**

TECHNICAL SPECIFICATIONS

Component		2-way system
Size		
Woofer	mm (in.)	165 (6.5)
Tweeter diaphragm	mm (in.)	26 (1)
Voice Coil Ø		
Woofer	mm (in.)	25 (1)
Tweeter	mm (in.)	20 (0.8)
Power Handling		
	W peak	270
	W continuous	90
Sensitivity	dB SPL	93
Impedance	Ω	4
Frequency Response	Hz	65 ÷ 22,5k
Crossover Type - Cut off		2,5 kHz @ 12 dB Oct.
Adjustment	Tweeter Level	0 / +3dB
Weight of one component		
Woofer	kg (lb)	0,72 (1.59)
Tweeter	kg (lb)	0,03 (0.07)
Crossover	kg (lb)	0,185 (0.41)

ELECTRO-ACOUSTIC PARAMETERS

		C 26	C 165 F
D	mm	26	134
X _{max}	mm	-	3,2
Re	Ω	3,7	2,7
F _s	Hz	1500	80
Le	mH	0,02	0,154
V _{as}	l	-	9,40
M _{ms}	g	0,17	12
C _{ms}	mm / N	0,07	0,33
BL	T•m	1,3	3,9
Q _{ts}		1,59	0,80
Q _{es}		3,51	1,00
Q _{ms}		2,9	3,4
Spl	dB	92	93

From R&D to final product
KLIPPEL
since 2005

Technology • Art • Sound
Manufactured by
elettromedia

C 26:

1. Soft Tetolon® fiber 26 mm (1 in.) dome and 20 mm (0.8 in.) voice coil, for a natural and yet detailed reproduction of musical nuances.
2. Neodymium magnet with high-density magnetic flux, optimized for maximum control during high-energy dynamic transients in the mid-high frequency range.
3. Faceplate geometry optimized with FEM (Finite Element Modeling) technique for a linear frequency response in off-axis installations.
4. Wide range of accessories, for easy integration in OEM placements.

C 165 F:

1. Shallow profile for an easy replacement of factory speakers.
2. Semi-Pressed Paper Cone reinforced with Mica powder for superior stiffness and smooth response.
3. High-density flux ferrite magnet combined with low-carbon polar plates for reduced distortion at high power levels.
4. Pure copper voice coil, wound on aluminium former, for very good thermal and mechanical capacity.
5. Stylish grille designed combining metallic mesh and high resistance ABS frame.

CCX 2:

1. Tweeter level adjustment through a three-position switch (0, +3 dB) for an optimal tone balance that can be customized by the user.
2. Low-loss factor capacitors and low resistance inductances made with pure copper, for maximum sound transparency and clear high frequencies.
3. Compact design with metallic finish for an easy installation, with air vents for efficient heat dissipation.