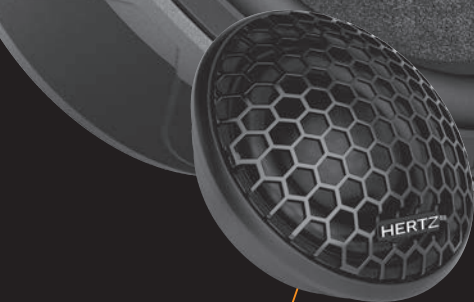


Technology *Art & Sound*
Manufactured by
elettromedia

www.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 vehicle 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 kaitsevõreeta.
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 seadmete lähedale. Veenduge, et see on kogu pikkuses kindlalt kinnitatud ja kaitstud 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 MÕISTLIKULIK 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) rataselt prügi konteineri märgiga, ei või utiliseerida koos teise tavapäraste olmejäätmetega. Neid elektrilisi ja elektroonilisi tooteid tuleb ümber töödelda sobivates tehastes, mis on suutelnised neid tooteid ja komponente utiliseerima. Võtke ühendust oma kohaliku omavalitsusega, et teada saada kuhu ja kuidas tuleks neid tooteid lahendada ümbertöötlemise / 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.

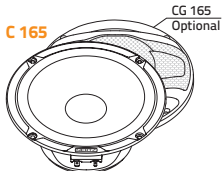
Если на продукт распространяется гарантия, его производитель принимает решение о ремонте или замене его неисправных деталей. Неисправный продукт необходимо передать распространителю, где он был куплен, предъявив полностью заполненный гарантийный сертификат. В случае если гарантия больше не распространяется 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 потерю 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 / 内装物 / Sadržaj pakiranja / Obsah balení / Pakkens 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

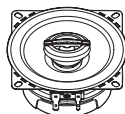
C 26



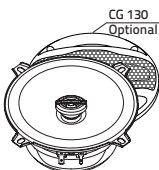
C 165



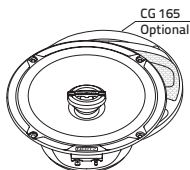
CX 100



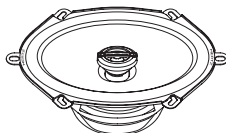
CX 130



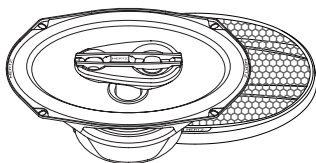
CX 165



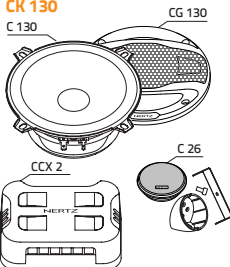
CX 570



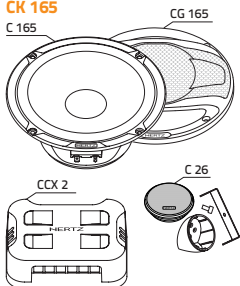
CK 690



CK 130

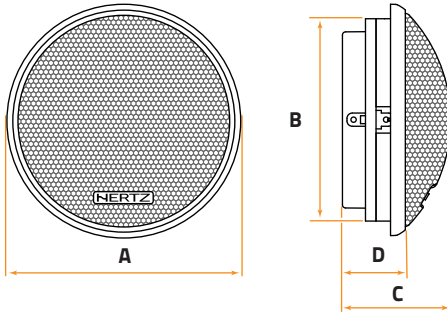


CK 165



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

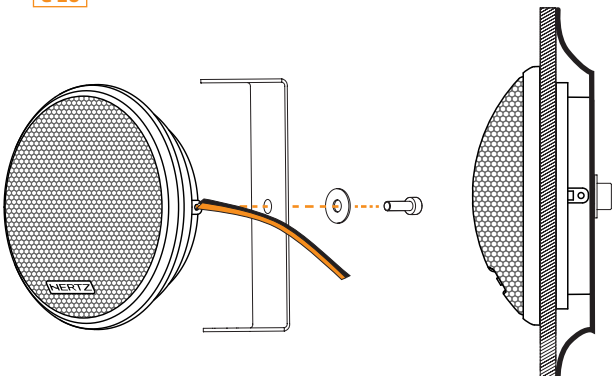
C 26



	A	B	C	D	
C 26	44	38,5	20	8,5	mm
	1.73	1.52	0.79	0.33	in.

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

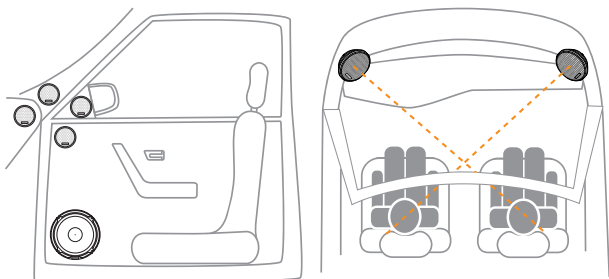
C 26



Cento

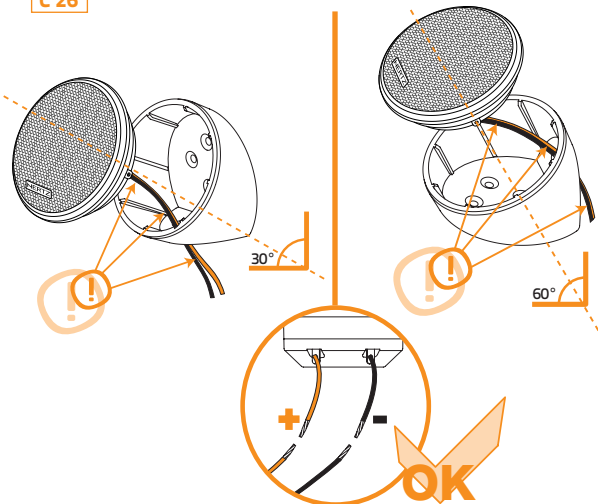
- الطول والزواوية المقترحة / Предложени дължина и ъгъл / 建議長度及角度 / 建议长度及角度 / Preporučena duljina i kut nagiba / Požadovaná dĺžka a úhel / Foreslået længde og vinkel / Voorgestelde lengte en hoek / Suggested Length and Angle / Soovitavat pikkus ja nurk / Suositeltu pituus ja kulma / Longueur et angle 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 زاویه توصیه 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



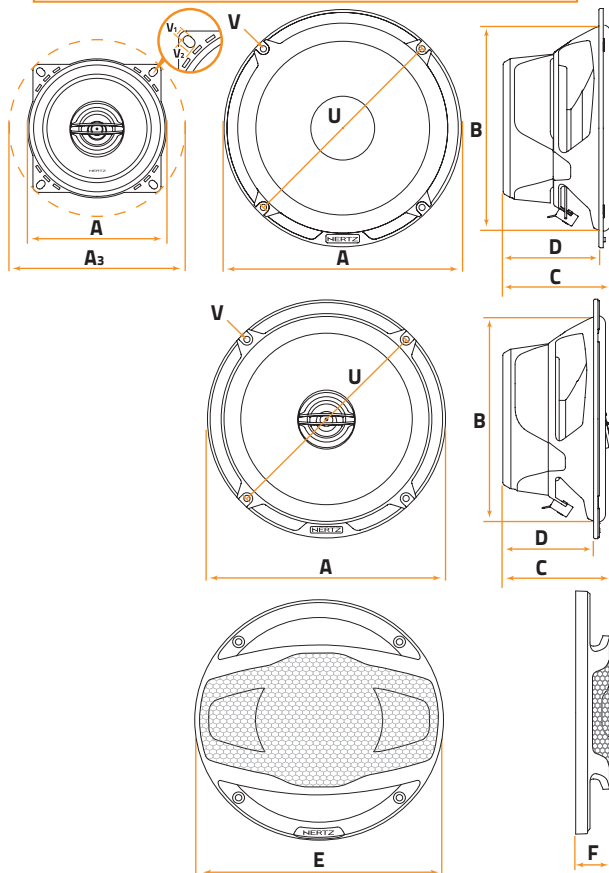
- تثبيت الخوايير / Монтаж с болтов / 楔形安裝 / 楔形件安裝 / Montaža s klinom / Zaklinění / Wedge montering / Montage op hellende steun / Wedge mounting / Kiilpaigaldus / Kiila-asennus / Montage avec cale / Montage der Keile / Τοποθέτηση σε σκρητή βάση / הרכבת טריי / Beszerelés ferdén / Pemasangan datar / Montaggio con supporto inclinato / ウェッジマウント / 웨지 마운트 / Uzstādīšana iekšlējot / Tvirtinimo pleišty montavimas / Ekstern montering / نصب و تعبیه وج / Montaž klinowy / Montagem de cunha / Montaj de fixare / Клиновой монтаж / Delenā montāž / Namestitev z zagozdo / Cuña de montaje / Kilmontering / องค์การใส่ส่วไฟ / Eşimli destek montaj

C 26

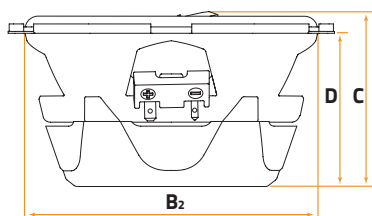
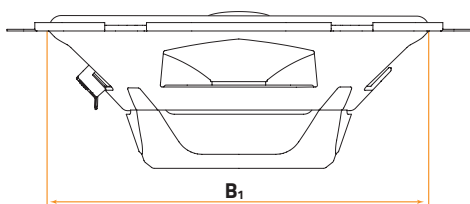
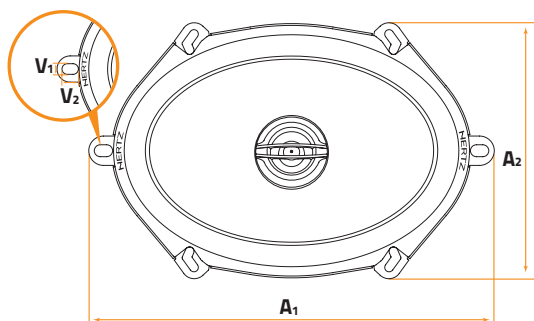


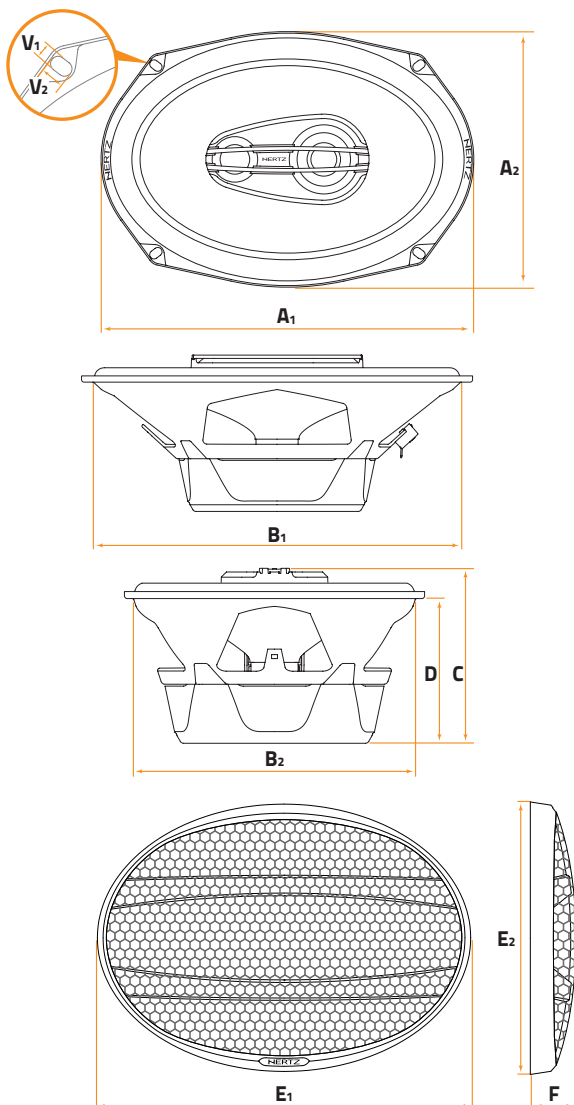
الحجم / Размер / 尺寸 / 规格 / Veličina / Velikost / Størrelse / Afmetingen / Size / Suurus / Koko / Dimensions / Größe / Διαστάσεις / اندازه / Méretek / Ukuran / Ingombro / サイズ / ヨフ / Izmērs / Dydis / Størrelse / גודל / Wielkość / Dimensão / Dimensiuni / Размер / Rozměry / Velikost / Tamaño / Storlek /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

C 130 - C 165 - 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.
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.

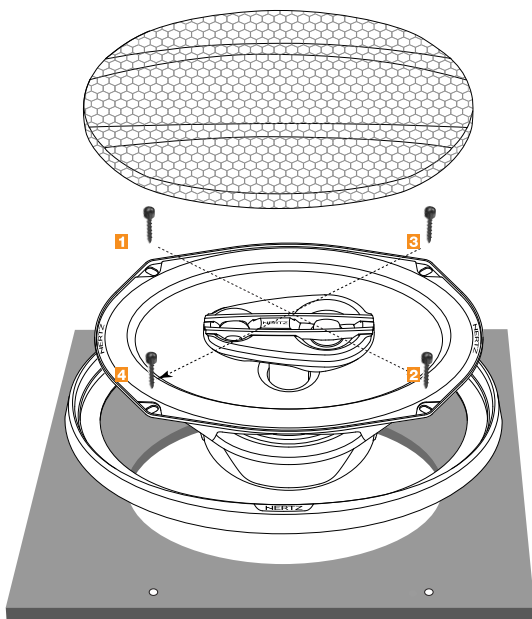
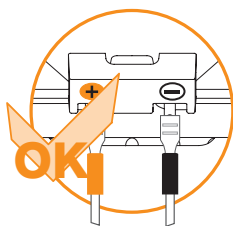
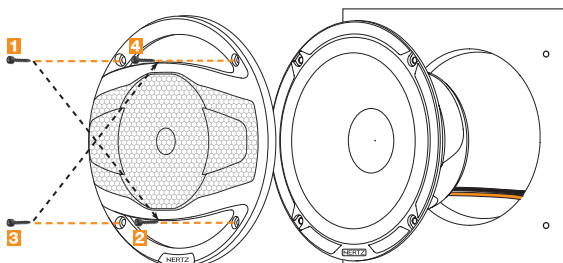


CX 690


	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.

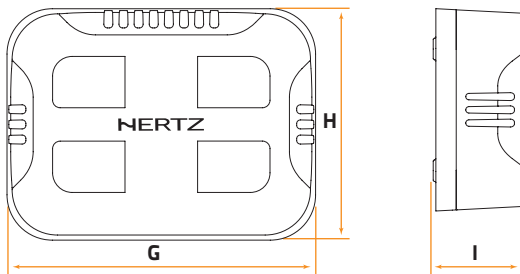
Cento

■ 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 / Uzstādīšana / Montavimas / Montering / تجميعه / Montaž / Montagem / Montaj / Монтаж / Montáž / Namestitev / Montaje / Montering / การใส่ลำโพง / Montaj



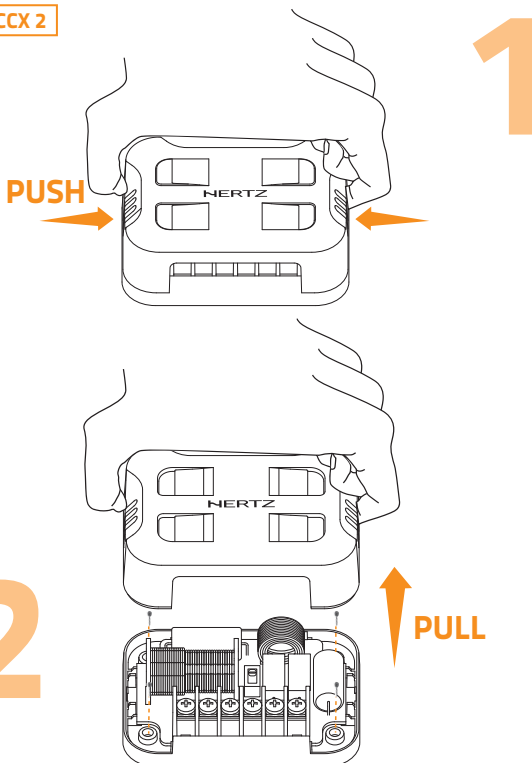
■ الحجم / Размер / 尺寸 / 規格 / Veličina / Velikost / Størrelse / Afmetingen / Size / Suurus / Koko / Dimensions / Größe / Διαστάσεις / اندازه / Méretek / Ukuran / Ingombro / サイズ / ヨフ / Izmērs / Dydis / Størrelse / גודל / Wielkość / Dimensão / Dimensiuni / Размер / Rozměry / Velikost / Tamaño / Storlek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

CCX 2



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

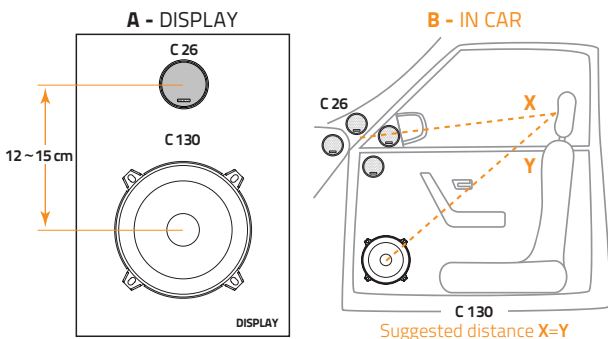
CCX 2



Cento

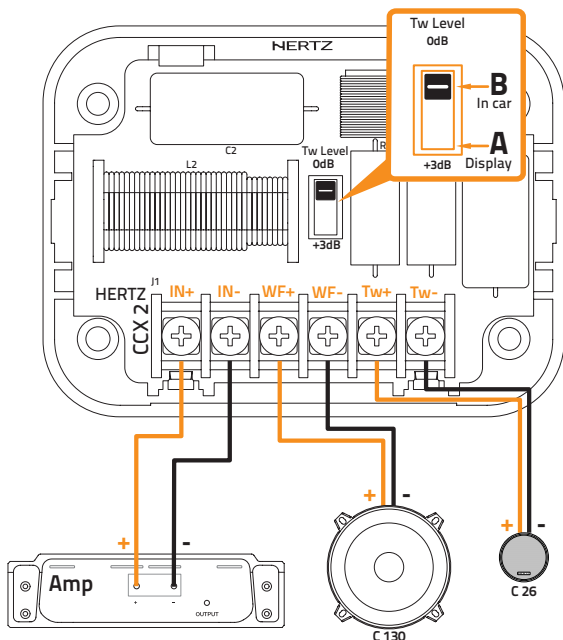
ول والزاوية المقترحة / Свързване на системата / 連接系統 / 连接系統 / Priključivanje sustava / Pripojeni sustému / Forbining af systemer / Aansluiten van de systemen / Connecting the systems / Süsteemi ühendamine / Järjestelmän kytkeminen / Branchement du système / System anschließen / Σύνδεση του συστήματος / חיבור המערכת / A rendszer csatlakoztatása / Menghubungkan sistem / Collegamenti dei filtri / システムの接続 / 시스템 연결 / Sistēmas pievienošana / Sistemų sujungimas / Oppkobling av systemet / هامتصل 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



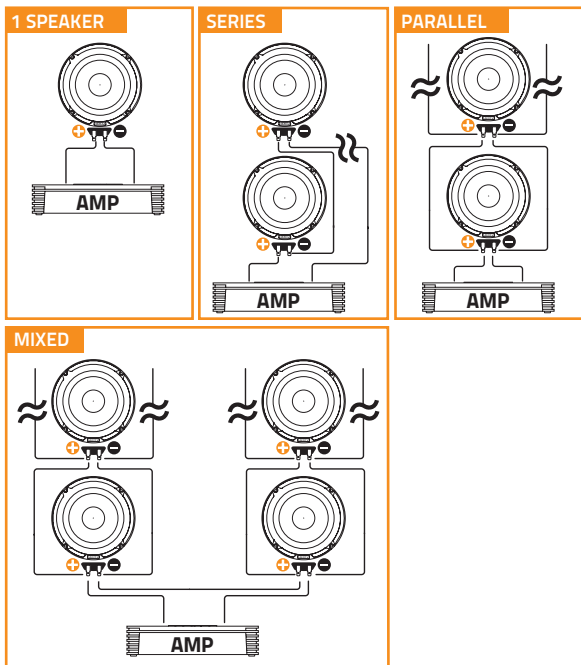
Suggested crossover set-up

CCX 2



Cento

التوصيلات / Свързвания / 連接 / 连接 / Spajanje / Připojení / Forbindelser / Verbindungen / Connections / Ühendused / Kytkenät / Connexions / Verbindungen / Συνδέσεις / חיבורים / Csatlakozók / Sambungan / Connessioni / 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	CX 100	CX 130	CX 165	CX 570	CX 690	
Series	1 Speaker	3,2	3,2	3,2	3,2	3,2	3,2	3,2	Ω
	2 Speaker	6,4	6,4	6,4	6,4	6,4	6,4	6,4	Ω
	3 Speaker	9,6	9,6	9,6	9,6	9,6	9,6	9,6	Ω
	4 Speaker	12,8	12,8	12,8	12,8	12,8	12,8	12,8	Ω
Parallel	2 Speaker	1,6	1,6	1,6	1,6	1,6	1,6	1,6	Ω
	3 Speaker	1,1	1,1	1,1	1,1	1,1	1,1	1,1	Ω
	4 Speaker	0,8	0,8	0,8	0,8	0,8	0,8	0,8	Ω
Mixed	4 Speaker	3,2	3,2	3,2	3,2	3,2	3,2	3,2	Ω
	6 Speaker	2,1	2,1	2,1	2,1	2,1	2,1	2,1	Ω
	8 Speaker	1,6	1,6	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 / อินลิคโทร-ออสติค พารามิเตอร์ / Elektro-akustik parametreler

	C 26	C 130	C 165	CX 100	CX 130	CX 165	CX 570	CX 690
D mm	26	110	131,5	86	110	131,5	139	172
Sd Cm ²	5,31	95	135,80	58,70	95	136,85	152	233,5
Xmax mm	-	3,1	3,5	2,3	3,1	3,5	3,5	4,1
Re Ω	3,7	3,2	3,2	3,2	3,2	3,2	3,2	3,2
Fs Hz	1500	80	60	100	80	65	70	60
Le mH	0,02	0,17	0,2	0,18	0,18	0,21	0,206	0,24
Vas l	-	6.30	13,24	1,86	13,5	12,2	9,1	27,7
Mms g	0,17	8	13,9	5,1	7,6	13,3	14,2	20
Cms mm	0,07	0,50	0,51	0,38	0,50	0,46	0,28	0,36
BL T.m	1,3	4,1	4,9	3,5	4,2	4,8	4,7	5,8
Qts	1,6	0,61	0,59	0,72	0,56	0,60	0,76	0,60
Qes	3,5	0,72	0,69	0,94	0,67	0,73	0,99	0,71
Qms	2,9	3,9	3,9	3,1	3,5	3,4	3,4	3,9
Spl dB	92	92,5	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 specifikationer / 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 specifikasjoner / مشخصات فنی / Szczegóły techniczne / Especificações técnicas / Parametrii elctro-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	Tweeter		Tweeter diaphragm 26 (1)	120 (Hi-pass filtered @ 2,5 KHz -12 dB/Oct)		4	1,8K ÷ 22,5k
C 165	Woofers		165 (6.5)	210	70	4	55 ÷ 7k
CX 100	Two way coaxial		Woofers 100 (4)	120	40	4	80 ÷ 22k
			Tweeter diaphragm 24 (0.9)				
CX 130	Two way coaxial		Woofers 130 (5)	150	50	4	65 ÷ 22k
			Tweeter diaphragm 24 (0.9)				
CX 165	Two way coaxial		Woofers 165 (6.5)	210	70	4	55 ÷ 22k
			Tweeter diaphragm 24 (0.9)				
CX 570	Two way coaxial		Woofers - (5x7)	210	70	4	55 ÷ 22k
			Tweeter diaphragm 24 (0.9)				
CX 690	Three way coaxial		Woofers - (6x9)	300	100	4	40 ÷ 23k
			Tweeter diaphragm 40 (1.58)				
			Super Tweeter diaphragm 20 (0.8)				
CK 130	Two way System	C 130	Woofers 130 (5)	210	70	4	65 ÷ 22,5k
		C 26	Tweeter diaphragm 26 (1)				
CK 165	Two way System	C 165	Woofers 165 (6.5)	285	95	4	55 ÷ 22,5 k
		C 26	Tweeter diaphragm 26 (1)				

	Component		Size	Crossover weight	Type - Cutoff
			mm (in.)	Kg (lb.)	
CCX 2	Crossover	C 130 / C 165 / C 26	102 x 76,5 x 32,5 (4.02x3.01x1.28)	0,185 (0.41)	2.5 kHz @ 12 dB/Oct. Tweeter level adjustment: 0 / +3 dB

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)
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)

HERTZ

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All Specifications Subject to Change Without Notice

FBL013_18.REV.B

CX 690

COAX

300 W



TECHNICAL SPECIFICATIONS

Component		Three way coaxial
Size		
Woofers	(in.)	6 x 9
Tweeter diaphragm	mm (in.)	40 (1.58)
Supertweeter diaphragm	mm (in.)	20 (0.8)
Voice Coil Ø		
Woofers	mm (in.)	30 (1.2)
Tweeter	mm (in.)	28 (1.1)
Supertweeter	mm (in.)	20 (0.8)
Power Handling		
	W peak	300
	W continuous	100
Impedance	Ω	4
Frequency Response	Hz	40 ÷ 23k
Woofers Magnet size	mm	100 x 32 x 15
D x d x h	(in.)	(3.94 x 1.26 x 0.59)
Tweeter Magnet size	mm	19 x 3
D x h	(in.)	(0.75 x 0.12)
Weight of one speaker	kg (lb.)	1,55 (3.42)
Woofers Magnet	High density flux ferrite	
Tweeter Magnet	Neodymium	
Cone	Semi-pressed paper + Mica	
Dome	PEI	
Xmech	mm (in.)	5,5 (0.22)

ELECTRO-ACOUSTIC PARAMETERS

D	mm	139
Xmax	mm	3,5
Re	Ω	3,3
Fs	Hz	70
Le	mH	0,2
Vas	l	11,1
Mms	g	13
Cms	mm / N	0,34
BL	T·m	4,9
Qts		0,67
Qes		0,83
Qms		3,3
Spl	dB	93,5



A	238 mm	9.37 in.
B	224 mm	8.82 in.
C	95 mm	3.74 in.
D	78,5 mm	3.09 in.
E	268 mm	10.55 in.
F	29 mm	1.14 in.



1. 6x9 in. semi-pressed paper elliptical cone SPP-M (Semi Pressed Paper-Mica) enhanced with Mica powder for an excellent balance between lightness and damping.
2. Wide rubber suspension engineered for a long excursion and excellent sound damping.
3. High-density flux ferrite magnet combined with low-carbon polar plates for reduced distortion at high power levels.
4. Basket with metallic finish acoustically combined with a rubber magnet cover for total damping of spurious vibrations.
5. 40 mm (1.58 in.) dome tweeter for efficient distortion-free mid-high frequency reproduction.
6. 20 mm (0.8 in.) dome supertweeter to maximize the level of very high frequencies in horizontal installations.
7. Tweeter faceplate geometry optimized with FEM simulations (Finite Element Modeling), to provide an extremely linear frequency response in off-axis installations.
8. Provided elegant grille made with high-resistance ABS plastic structure with a metallic finish combined with a protective metal mesh.

