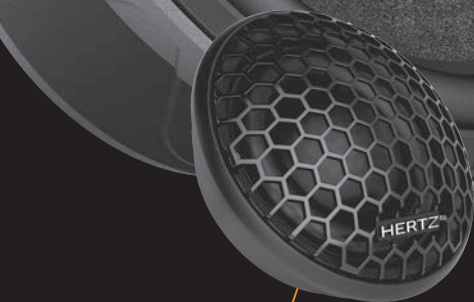


Technology *Art & Sound*  
Manufactured by  
**elettromedia**

[www.hertzaudiovideo.com](http://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](mailto: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](mailto: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) ratasel prügikonteineri 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 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.

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## ■ 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.

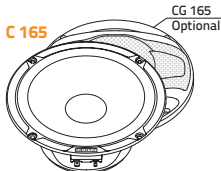
Если на продукт распространяется гарантия, его производитель принимает решение о ремонте или замене его неисправных деталей. Неисправный продукт необходимо передать распространителю, где он был куплен, предъявив полностью заполненный гарантийный сертификат. В случае если гарантия больше не распространяется 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 / ส่วนประกอบ  
 ผลิตภัณฑ์ / Paket içeriği

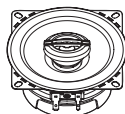
C 26



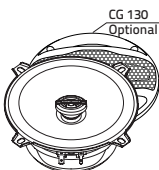
C 165



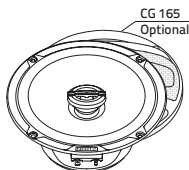
CX 100



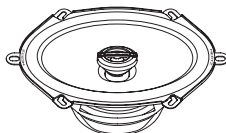
CX 130



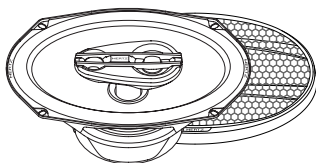
CX 165



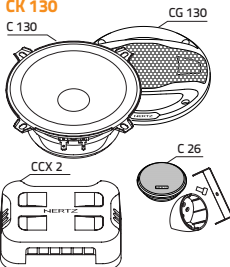
CX 570



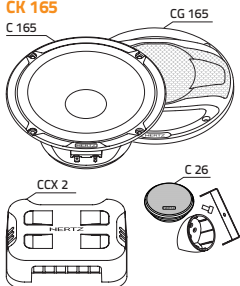
CK 690



CK 130

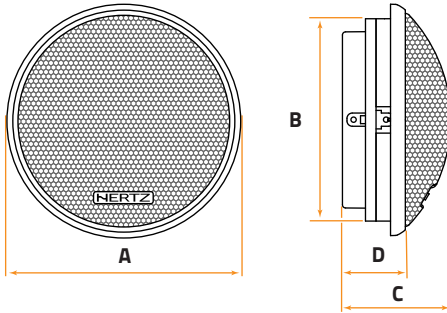


CK 165



■ 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

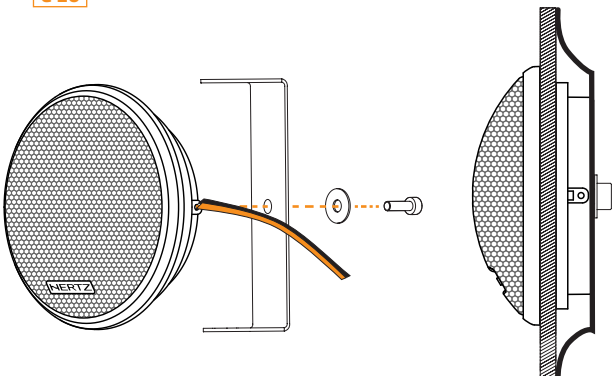
## C 26



|      | 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

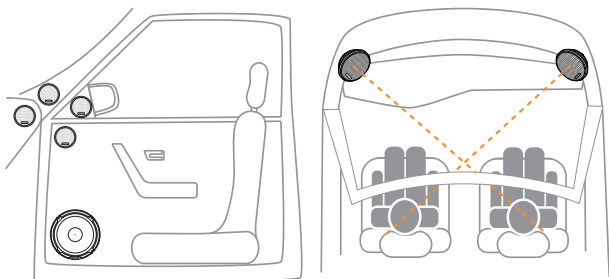
## C 26



# Cento

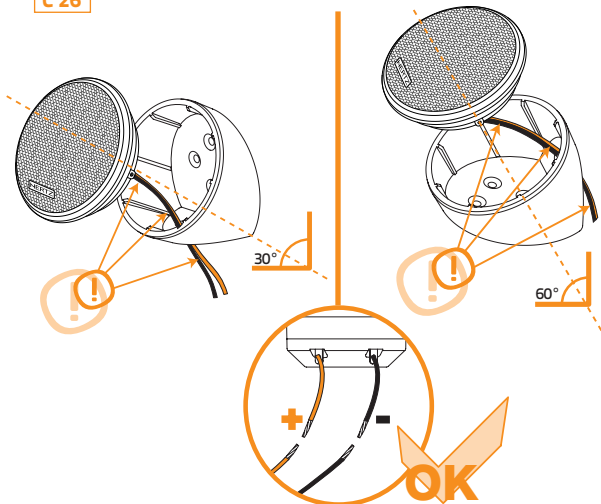
الطول والزواوية المقترحة / Предложени дължина и ъгъл / 建議長度及角度 / 建议长度及角度 / Preporučena duljina i kut nagiba / Požadovaná dĺžka a úhel / Foreslået længde og vinkel / Voorgestelde lengte en hoek / Suggested Length and Angle / Soovitavat pikkus ja nurk / Suositeltu pituus ja kulma / Longueur et angle recommandés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



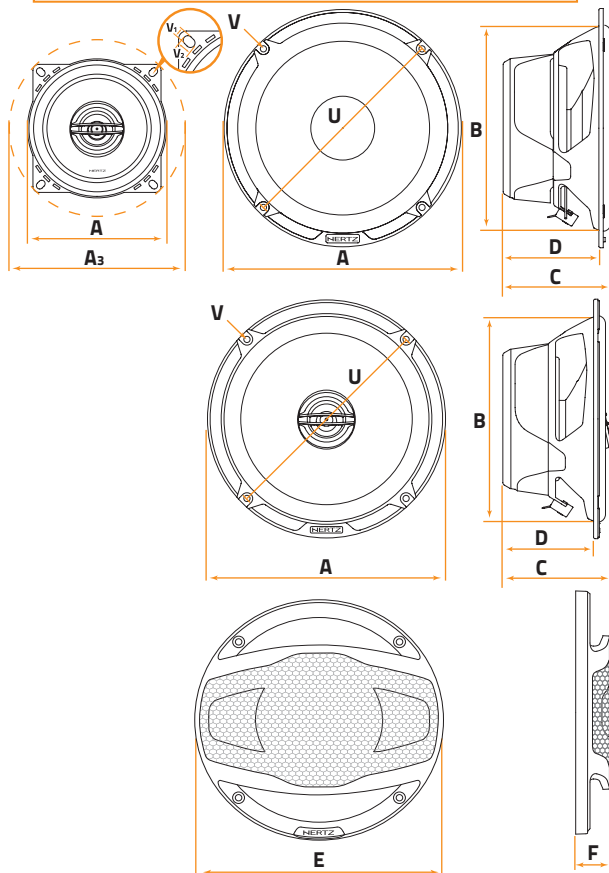
تثبيت الخوايير / Монтаж с болтов / 楔形安裝 / 楔形件安裝 / Montaža s klinom / Zaklinění / Wedge montering / Montage op hellende steun / Wedge mounting / Kiilpaigaldus / Kiila-asennus / Montage avec cale / Montage der Keile / Τοποθέτηση σε σκυρή βάση / הרכבת טריי / Beszerelés ferdén / Pemasangan datar / Montaggio 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 / จัดการใส่ส่วไฟ / Eğimli destek montaj

## C 26

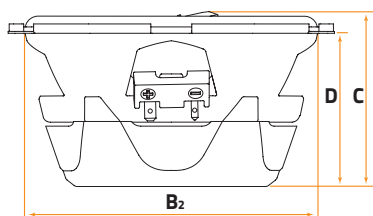
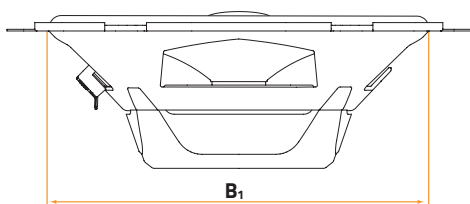
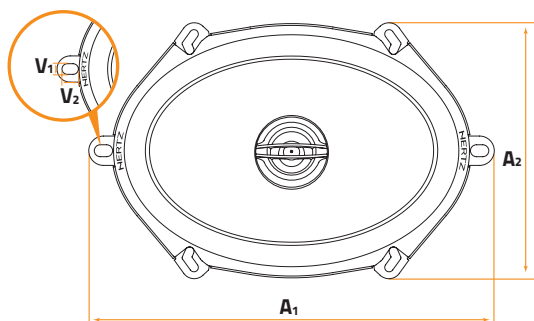


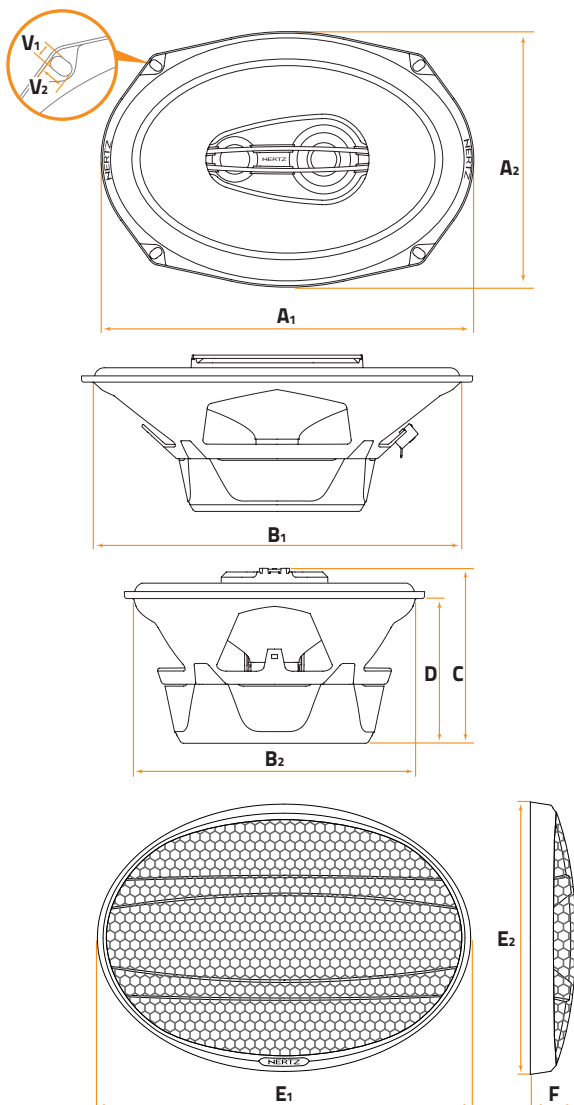
الحجم / Размер / 尺寸 / 规格 / Veličina / Velikost / Størrelse / Afmetingen / Size / Suurus / Koko / Dimensions / Größe / Διαστάσεις / اندازه / Méretek / Ukuran / Ingombro / サイズ / ヨフ / Izmērs / Dydis / Størrelse / גודל / Wielkość / Dimensão / Dimensiuni / Размер / Rozměry / Velikost / Tamaño / Storlek /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

## C 130 - C 165 - CX 100 - CX 130 - CX 165 - CG 130 - CG 165



|        | A     | A <sub>3</sub> | B    | C    | D    | E    | F    | U    | V    | V <sub>1</sub> | V <sub>2</sub> |     |
|--------|-------|----------------|------|------|------|------|------|------|------|----------------|----------------|-----|
| 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. |

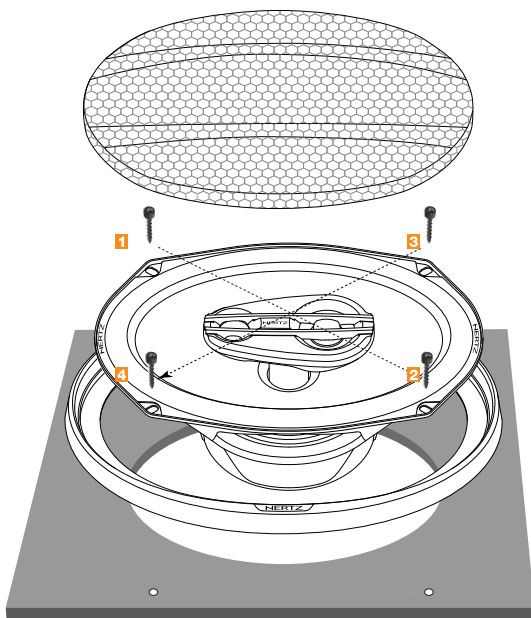
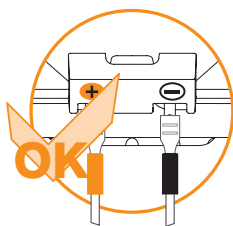
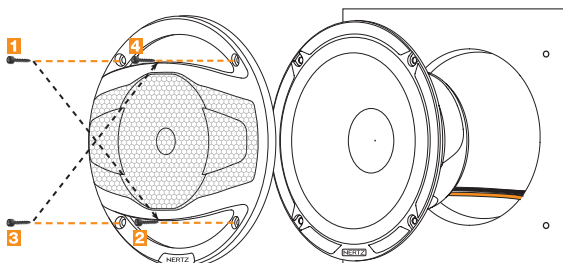


**CX 690**


|               | A <sub>1</sub> | A <sub>2</sub> | B <sub>1</sub> | B <sub>2</sub> | C    | D    | E <sub>1</sub> | E <sub>2</sub> | F    | V <sub>1</sub> | V <sub>2</sub> |     |
|---------------|----------------|----------------|----------------|----------------|------|------|----------------|----------------|------|----------------|----------------|-----|
| <b>CX 570</b> | 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. |
| <b>CX 690</b> | 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. |

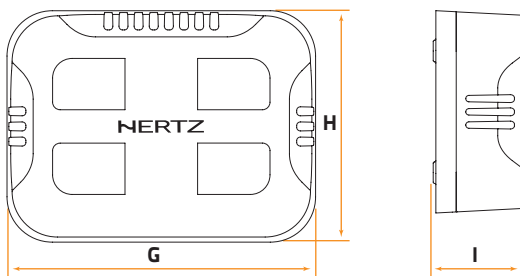
# Cento

■ 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



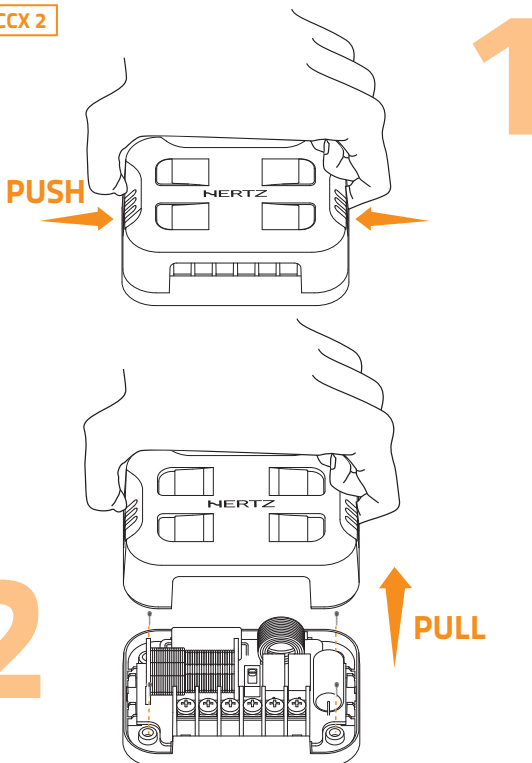
■ الحجم / Размер / 尺寸 / 規格 / Veličina / Velikost / Størrelse / Afmetingen / Size / Suurus / Koko / Dimensions / Größe / Διαστάσεις / اندازه / Méretek / Ukuran / Ingombro / サイズ / ヨフ / Izmērs / Dydis / Størrelse / גודל / Wielkość / Dimensão / Dimensiuni / Размер / Rozměry / Velikost / Tamaño / Storlek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

## CCX 2



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

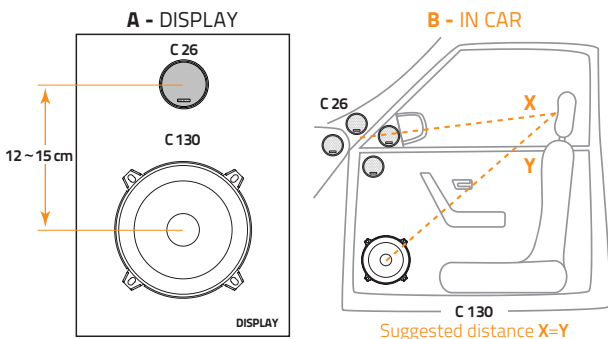
## CCX 2



# Cento

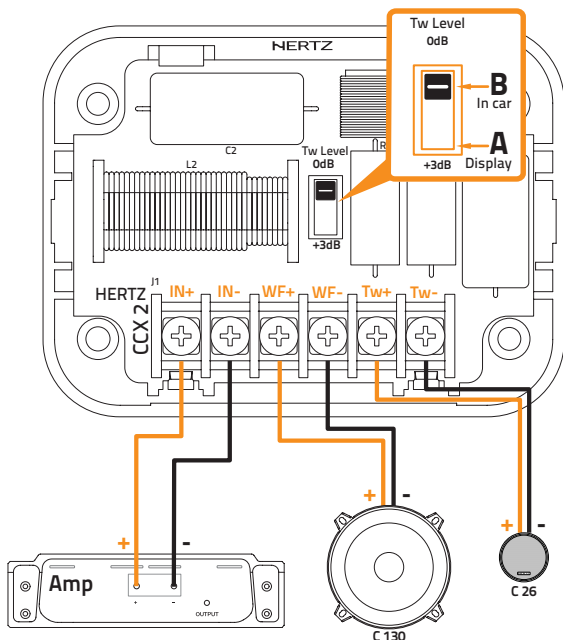
ول والزاوية المقترحة / Свързване на системата / 連接系統 / 连接系統 / Priključivanje sustava / Pripojeni sustému / Forbining af systemer / Aansluiten van de systemen / Connecting the systems / Süsteemi ühendamine / Järjestelmän kytkeminen / Branchement du système / System anschließen / Σύνδεση του συστήματος / 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

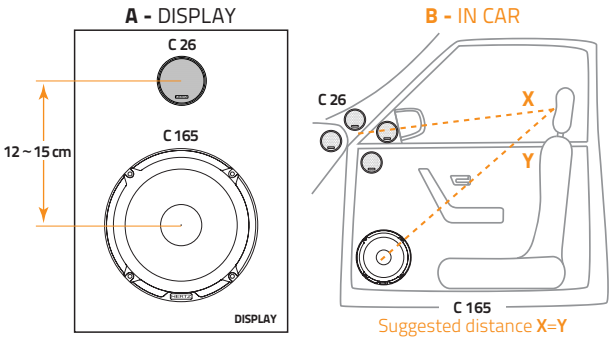


## Suggested crossover set-up

## CCX 2

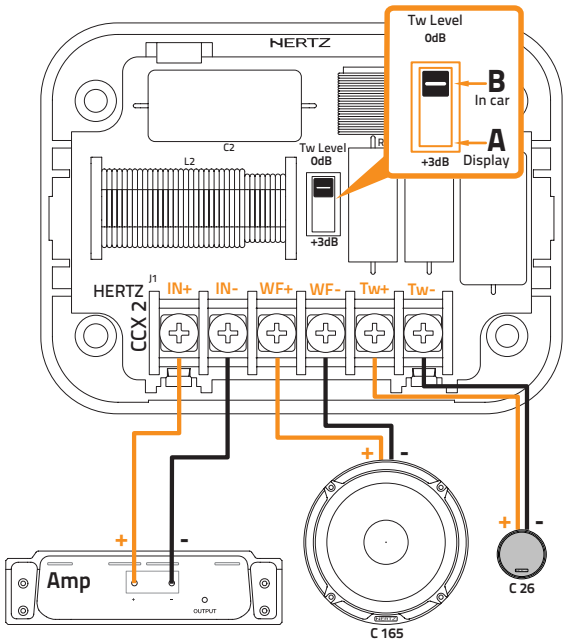


## CK 165



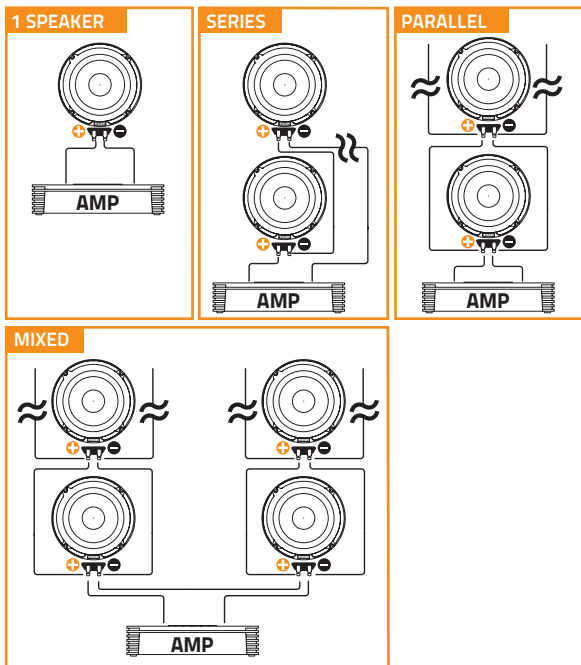
## Suggested crossover set-up

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

## C 165

COMP

210 W



### TECHNICAL SPECIFICATIONS

| Component             |              | Woofer                               |
|-----------------------|--------------|--------------------------------------|
| Woofer size           | mm (in.)     | 165 (6.5)                            |
| Voice Coil Ø          |              | 25 (1)                               |
| Power Handling        | W peak       | 210                                  |
|                       | W continuous | 70                                   |
| Impedance             | Ω            | 4                                    |
| Frequency Response    | Hz           | 55 ÷ 7k                              |
| Magnet size D x d x h | mm (in.)     | 85 x 32 x 15<br>(3.35 x 1.26 x 0.59) |
| Weight of one speaker | kg (lb.)     | 0,96 (2.12)                          |
| Magnet                |              | High density flux ferrite            |
| Cone                  |              | Semi-pressed paper+ Mica             |
| *Xmech                | mm (in.)     | 4,9 (0.19)                           |

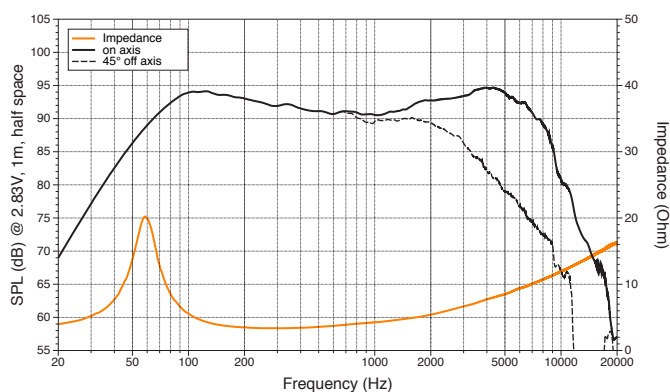
### ELECTRO-ACOUSTIC PARAMETERS

|      |      |       |
|------|------|-------|
| D    | mm   | 131,5 |
| Xmax | mm   | 3,5   |
| Re   | Ω    | 3,2   |
| Fs   | Hz   | 60    |
| Le   | mH   | 0,2   |
| Vas  | l    | 13,24 |
| Mms  | g    | 13,9  |
| Cms  | mm/N | 0,51  |
| BL   | T•m  | 4,9   |
| Qts  |      | 0,59  |
| Qes  |      | 0,69  |
| Qms  |      | 3,9   |
| Spl  | dB   | 93    |



Optional

1. 165 mm (6.5 in.) semi-pressed paper cone SPP-M (Semi Pressed Paper-Mica) enhanced with Mica powder for an excellent balance between lightness and damping.
2. High-density flux ferrite magnet combined with low-carbon polar plates for reduced distortion at high power levels.
3. 25 mm (1 in.) voice coil featuring an aluminum former to guarantee high excursion and power handling.
4. Compact and transparent three-spoke basket acoustically combined with a rubber magnet cover for total damping of spurious vibrations.
5. Optional elegant grille made with high-resistance ABS plastic structure with a metallic finish combined with a protective metal mesh.



|   |         |          |
|---|---------|----------|
| A | 165 mm  | 6.5 in.  |
| B | 142 mm  | 5.59 in. |
| C | 71 mm   | 2.8 in.  |
| D | 62,5 mm | 2.46 in. |
| E | 171 mm  | 6.73 in. |
| F | 24 mm   | 0.94 in. |

