

3 way Speaker

3-полосный динамик

3-смуговий динамік

3 бағытты динамик

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Dimensions
Dimensions
Dimensiones
Abmessungen
Dimensioner
Afmetingen
Dimensões
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Wymiary
Dimensiuni

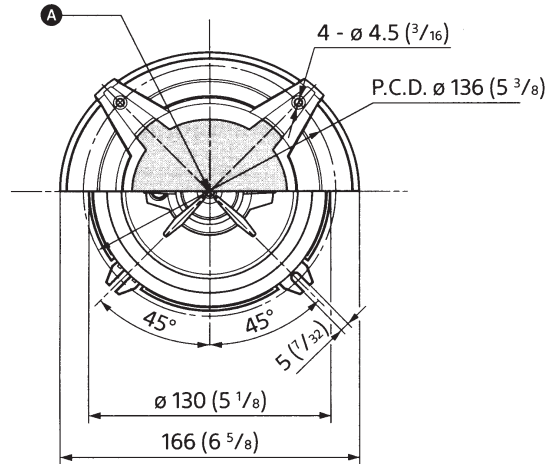
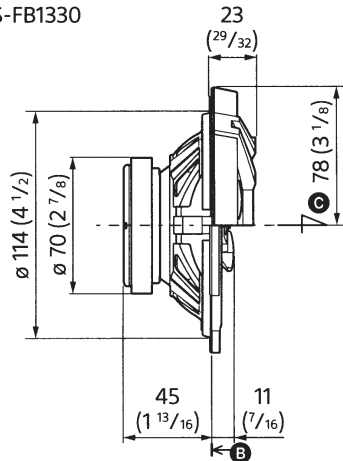
Размеры
Розміри
尺寸
尺寸
الأبعاد
ابعاد
Dimensi
ขนาด
Ukuran
외형치수

الأبعاد
ابعاد

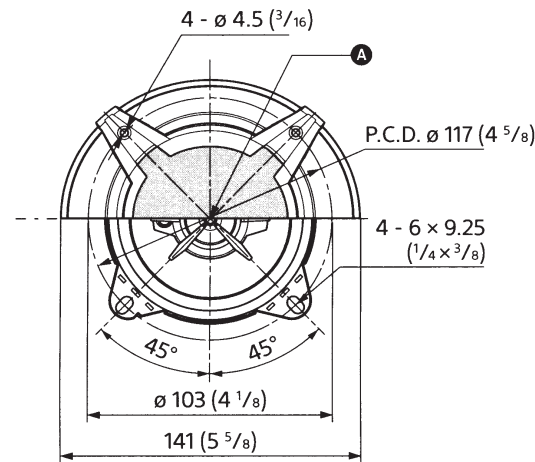
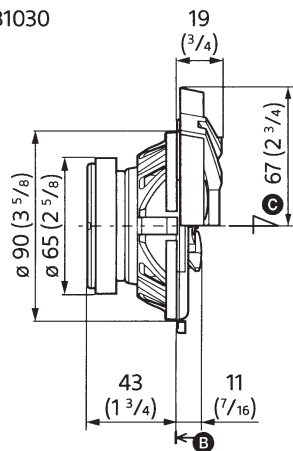
Unit: mm (in)
Unité: mm (po)
Unidad: mm
Einheit: mm
Enhet: mm
Eenheid: mm
Unidade: mm
Unità: mm
Jednostka: mm
Unitate: mm

Единицы: мм
Одиниці: мм
單位: mm
單位: mm
الوحدة: مم
واحد: میلی متر
Satuan: mm
ขนาด: มม.
Unit: mm
단위: mm

XS-FB1330



XS-FB1030



A
Reference Point
Point de référence
Punto de referencia
Bezugspunkt
Referenzpunkt
Referentiepunt
Ponto de Referência
Punto di riferimento
Punkt odniesienia
Punct de referință
Опорная точка
Опорна точка
參考點
參考點

نقطة المراجعة
نقطه مرجع

Titik Referensi
จุดอ้างอิง
Titik Rujukan
기준점

B
Reference Plane
Plan de référence
Plano de referencia
Bezugsebene
Referenzplan
Referentievlak
Plano de Referência
Piano di riferimento
Płaszczyzna odniesienia
Plan de referință
Опорная плоскость
Опорна площина
參考面
參考面

سطح المراجعة
سطح مرجع

Bidang Referensi
ระนาบอ้างอิง
Satah Rujukan
기준면

C
Reference Axis
Axe de référence
Eje de referencia
Bezugsachse
Referenzachse
Referentieas
Eixo de Referência
Asse di riferimento
Oś odniesienia
Axă de referință
Опорная ось
Опорна вісь
參考軸
參考軸

محور المراجعة
محور مرجع

Poros Referensi
แกนอ้างอิง
Paksi Rujukan
기준축

Precautions

- Do not continuously use the speaker system beyond the peak power handling capacity.
- Keep recorded tapes, watches, and personal credit cards using magnetic coding away from the speaker system to protect them from damage caused by the magnets in the speakers.
- Please note the following when installing the units; otherwise malfunction and/or deterioration in sound quality may result.
 - Do not touch the diaphragms and/or speaker cones by hand or with tools.
 - Do not put your fingers through the holes of the frame.
 - Do not drop foreign objects in the units.

If you cannot find an appropriate mounting location, consult your car dealer or your nearest Sony dealer before mounting.

Specifications

XS-FB1330

Speaker	Coaxial 3 way: Woofer 13 cm (5 1/4 in) cone type Tweeter 2.5 cm (1 in) balanced dome type Super Tweeter 0.6 cm (1/4 in) dome type
Short-term Maximum Power ^{*1}	240 W ^{*2}
Rated power	35 W ^{*2}
CEA 2031 RMS Power	35 W
Rated impedance	4 Ω
Output sound pressure level	89±2 dB (1 W, 1 m) ^{*2}
Effective frequency range	60 – 24,000 Hz ^{*2}
Mass	Approx. 480 g (1 lb 1 oz) per speaker
Supplied accessories	Parts for installation

XS-FB1030

Speaker	Coaxial 3 way: Woofer 10 cm (4 in) cone type Tweeter 2.5 cm (1 in) balanced dome type Super Tweeter 0.6 cm (1/4 in) dome type
Short-term Maximum Power ^{*1}	220 W ^{*2}
Rated power	30 W ^{*2}
CEA 2031 RMS Power	30 W
Rated impedance	4 Ω
Output sound pressure level	89±2 dB (1 W, 1 m) ^{*2}
Effective frequency range	75 – 24,000 Hz ^{*2}
Mass	Approx. 390 g (14 oz) per speaker
Supplied accessories	Parts for installation

Design and specifications are subject to change without notice.

^{*1} "Short-term maximum power" may also be referred to as "Peak Power".

^{*2} Testing Condition: IEC 60268-5 (2003-05)

Mounting / Montage / Монтаж / Встановлення

Before mounting

A depth of at least 45 mm (1 ¹³/₁₆ in)*1/43 mm (1 ³/₄ in)*2 is required for flush mounting.

Measure the depth of the area where you are to mount the speaker, and ensure that the speaker is not obstructing any other components of the car. Keep the followings in mind when choosing a mounting location:

- Make sure that nothing is obstructing around the mounting location of the door (front or rear) where you are to mount the speaker.
- A hole for mounting may already be cut out of the inner panel of the door (front or rear). In this case, you need to modify the board only.
- If you are to mount this speaker system in the door (front or rear), make sure that the speaker terminals, frame or magnet do not interfere with any inner parts, such as the window mechanism in the door (when you open or close the window), etc.

Also make sure that the speaker grille does not touch any inner fittings, such as the window cranks, door handles, arm rests, door pockets, lamps or seats etc.

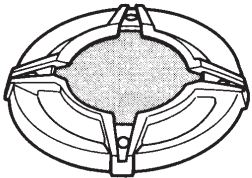
- If you are to mount this speaker system in the rear tray, make sure that the speaker terminals, frame or magnet do not touch any inner parts of the car, such as the torsion bar springs (when you open or close the trunk lid), etc.

Also make sure that the speaker grille does not touch any inner fittings, such as seat belts, head rests, center brake lights, inner covers of the rear wipers, curtains or air purifiers, etc.

Parts list / Liste des pièces / Lista de componentes / Teileliste / Lista över medföljande delar / Onderdelenlijst / Lista de peças / Elenco dei componenti / Spis części / Lista componentelor / Комплектующие детали / Список деталей / 零件一覽表 / 部件表 / قائمة القطع / ليست قطعات / Daftar suku cadang / รายการชิ้นส่วน / Senarai bahagian / 부품 목록

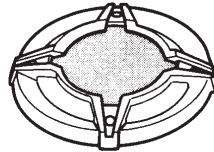
①

XS-FB1330



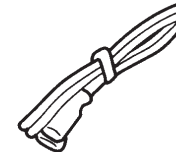
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XS-FB1030



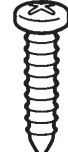
(x 2)

②



(x 2)

③



ø 4
(x 8)

④

XS-FB1330



(x 2)

XS-FB1030



(x 2)

Mounting from the car interior / Montage depuis l'intérieur de l'habitacle / Montaje desde el interior del automóvil / Montage vom Wageninneren aus / Montering inifrån bilkupén / Installeren in het interieur van de auto / Montagem pelo interior do veículo / Montaggio all'interno dell'auto / Montarea din interiorul vehiculului / Montaż z wnętrza pojazdu / Монтаж в салоне автомобиля / Встановлення в салоні автомобіля / 從汽車內安裝 / 从汽车内安装 / التثبيت من داخل السيارة / نصب از داخل اتومبیل / Memasang dari interior mobil / ติดตั้งที่ผนังภายในรถยนต์ / Pemasangan daripada dalaman kereta / 차량 내부에 장착

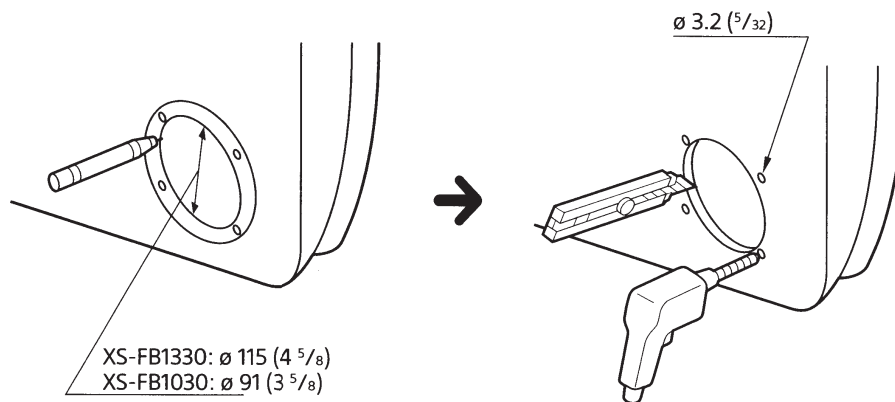
DOOR (FRONT/REAR) / PORTIÈRE (AVANT/ARRIÈRE) / PUERTA (DELANTERA/POSTERIOR) / TÜR (VORN/HINTEN) / DÖRR (FRÄMRE/BAKRE) / PORTIER (VOOR/ACHTER) / PORTA (DA FRENTE/DE TRÁS) / PORTIERA (ANTERIORE-POSTERIORE) / DRZWI (PRZEDNIE/TYLNE) / UȘĂ (FAȚĂ/SPATE) / ДВЕРЬ (ПЕРЕДНЯЯ/ЗАДНЯЯ) / ДВЕРЦЯТА АВТОМОБІЛЯ (ПЕРЕДНІ/ЗАДНІ) / 車門 (前面/後面) / 车门 (前/后) / الباب (الأمامي/الخلفي) / درب (جلو/عقب) / PINTU (DEPAN/BELAKANG) / ประตู (ด้านหน้า/ด้านหลัง) / PINTU (DEPAN/BELAKANG) / 문(앞문/뒷문)

1

Mark the 4 bolt holes and make them 3.2 mm (⁵/₃₂ in) in diameter.
 Marquez les 4 orifices des boulons et percez des trous de 3,2 mm (⁵/₃₂ po) de diamètre.
 Marque los orificios de los 4 pernos y hágalos de 3,2 mm de diámetro.
 Markieren Sie die 4 Schraubenlöcher und bohren Sie Löcher mit 3,2 mm Durchmesser.
 Markera de 4 skruvhålen och gör dem 3,2 mm i diameter.
 Markeer de 4 schroefgaten en boor gaten met een diameter van 3,2 mm.
 Marque o sítio dos furos para os 4 parafusos. Faça os furos com 3,2 mm de diâmetro.
 Contrassegnare i 4 fori dei bulloni e praticare fori di 3,2 mm di diametro.
 Zaznacz 4 otwory na wkręty o średnicy 3,2 mm.
 Marcați găurile pentru cele 4 șuruburi și găuriți cu un diametru de 3,2 mm.
 Разметьте и просверлите 4 отверстия для винтов. Диаметр отверстий: 3,2 мм.
 Позначте та просверліть 4 отвори для гвинтів діаметром 3,2 мм.
 劃出4個螺栓孔，並鑽成3.2 mm直徑的孔。
 画出4个螺栓孔，并钻成3.2 mm直径的孔。

قم بتحديد علامة 4 فتحات للبراغي ومن ثم اجعلها بقطر 3.2 مم.
 4 سوراخ بیچ را علامت بزنیید و آن ها را با به قطر 3.2 میلی متر در آورید.

Tandai 4 lubang baut dan buatlah berdiameter 3,2 mm.
 กำหนดตำแหน่งรู 4 รู จากนั้นเจาะให้มีเส้นผ่าศูนย์กลาง 3.2 มม.
 Tandakan 4 lubang bolt dan jadikan lubang-lubang itu berdiameter 3.2 mm.
 4개의 볼트 구멍을 표시하고 직경이 3.2 mm가 되도록 구멍을 뚫으십시오.



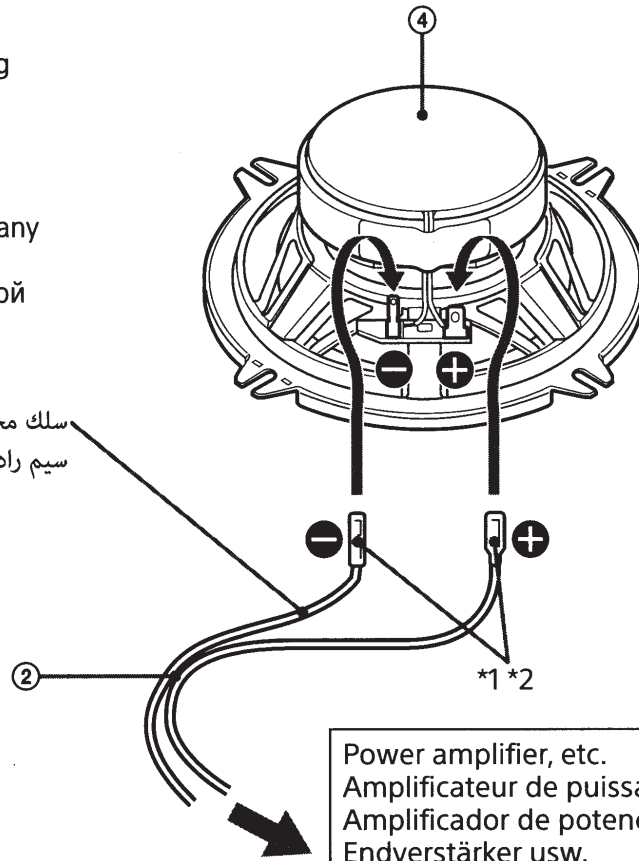
Unit: mm (in)
 Unité: mm (po)
 Unidad: mm
 Einheit: mm
 Enhet: mm
 Eenheid: mm
 Unidate: mm
 Unità: mm
 Jednostka: mm
 Unitate: mm
 Единицы: мм
 Одиниці: мм
 單位: mm
 單位: mm
 الوحدة: مم
 واحد: میلی متر
 Satuan: mm
 ขนาด: มม.
 Unit: mm
 단위: mm

2

Black-striped cord
Cordon rayé noir
Cable con raya negra
Schwarzgestreifte Leitung
Svartrandig kabel
Zwart gestreept
Cabo de riscas pretas
Cavo rigato nero
Przewód czarny prążkowany
Cablu cu dungii negre
Провод с черной полосой
Кабель у чорну смужку
黑條紋電線
黑条纹电线

سلك مخطط بلون أسود
سیم راه راه سیاه

Kabel bergaris hitam
สายไฟแถบดำ
Kord berjalur hitam
검정 줄무늬 코드



Power amplifier, etc.
Amplificateur de puissance, etc.
Amplificador de potencia, etc.
Endverstärker usw.
Effektförstärkare osv
Eindversterker, enzovoort
Amplificador de potência, etc.
Amplificatore di potenza, ecc.
Wzmacniacz mocy itp.
Amplificator de putere, etc.
Усилитель мощности и т.п.
Підсилювач потужності тощо
功率放大器等
功率放大器等

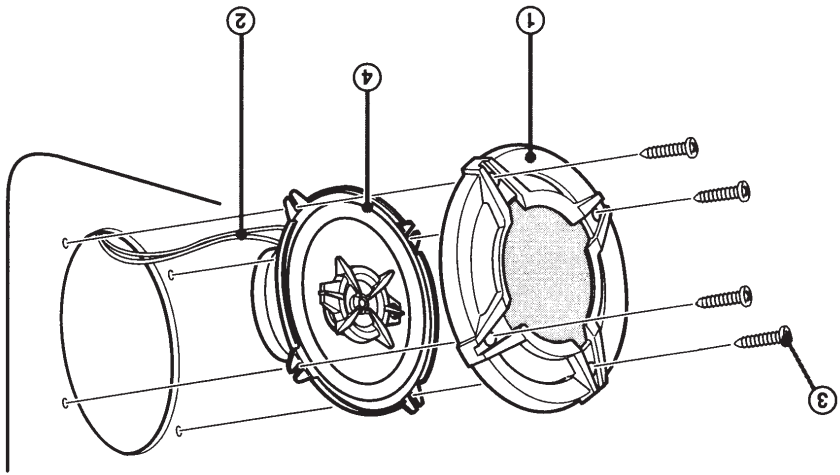
مضخم الطاقة، الخ.
تقویت کننده برق، غیره.

Power amplifier, lain-lain.
พาวเวอร์แอมป์ไฟเซอร์, อื่นๆ
Amplifier kuasa, dll.
파워 앰프 등.

- *1 Note
When releasing ②, push down on the catch firmly and release ② carefully.
If excessive force is used, damage to the speaker or terminal cable may result.
- *2 White cord — Left speaker
Gray cord — Right speaker
- *1 Remarque
En relâchant ②, appuyez fermement sur la languette et relâchez doucement ②.
Si vous appliquez une force exagérée, vous risquez d'endommager le haut-parleur ou le câble de la borne.
- *2 Cordon blanc — Haut-parleur gauche
Cordon gris — Haut-parleur droit
- *1 Nota
Al liberar ②, presione en el enganche con firmeza y libere el ② con cuidado.
Si utiliza una fuerza excesiva, es posible que el cable del terminal o el altavoz resulten dañados.
- *2 Cable blanco — Altavoz izquierdo
Cable gris — Altavoz derecho
- *1 Hinweis
Drücken Sie zum Lösen von ② fest auf den Verschluss und ziehen Sie ② vorsichtig heraus.
Wenn Sie zu stark drücken, kann es zu Schäden am Lautsprecher oder an den Kabelanschlüssen kommen.
- *2 Weißes Kabel — Linker Lautsprecher
Graues Kabel — Rechter Lautsprecher
- *1 Obs!
När ② lossas ska du trycka ner spärren ordentligt och lossa ② försiktigt.
Om för mycket kraft används kan högtalaren eller kabelkontaktarna skadas.
- *2 Vit kabel — Vänster högtalare
Grå kabel — Höger högtalare
- *1 Opmerking
Om ② te verwijderen, drukt u stevig op de vergrendeling en verwijdert u ② voorzichtig.
Als u te veel kracht gebruikt, is het mogelijk dat de luidspreker of de kabelansluitingen beschadigd raken.
- *2 Wit snoer — Linker luidspreker
Grijs snoer — Rechter luidspreker
- *1 Nota
Quando soltar ②, pressione para baixo no engate com firmeza e solte ② cuidadosamente.
Se utilizar força excessiva, pode provocar danos na coluna ou nos terminais dos cabos.
- *2 Cabo branco — Coluna esquerda
Cabo cinza — Coluna direita

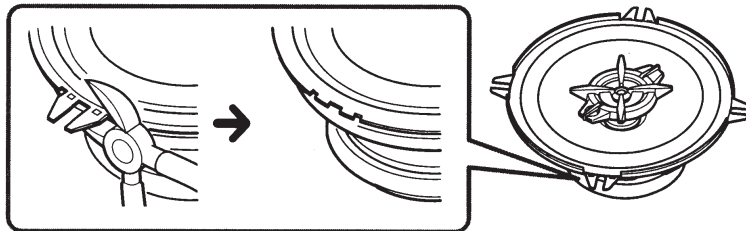
- *1 Nota
Quando viene rilasciato ②, spingere con forza il fermo verso il basso e rilasciare ② con cautela.
Se viene utilizzata una forza eccessiva, il diffusore o il cavo terminale potrebbero danneggiarsi.
- *2 Cavo bianco — Diffusore sinistro
Cavo grigio — Diffusore destro
- *1 Uwaga
Zwalniając przewody ② nacisnąć zatrzask i ostrożnie zwolnić przewody ②.
Zastosowanie zbyt dużej siły może spowodować uszkodzenie głośnika lub zacisków na przewodach.
- *2 Biały przewód — lewy głośnik
Szary przewód — prawy głośnik
- *1 Notă
Când eliberați ②, apăsați ferm prinderea și eliberați ② cu grijă.
Dacă se aplică o forță excesivă, aceasta poate cauza deteriorarea difuzorului sau a terminațiilor cablurilor.
- *2 Cablu alb — Difuzor stânga
Cablu gri — Difuzor dreapta
- *1 Примечание
При отсоединении ② сильно нажмите на фиксатор и осторожно освободите ②.
Приложение чрезмерных усилий может привести к повреждению динамика или кабельных разъемов.
- *2 Белый провод — левый динамик
Серый провод — правый динамик
- *1 Примітка
Під час від'єднання ② сильно натисніть на фіксатор і обережно вивільніть ②.
Докладання надмірних зусиль може спричинити пошкодження динаміка або кабельних клем.
- *2 Білий кабель — лівий динамік
Сірий кабель — правий динамік
- *1 註
鬆開②時，牢牢按住鎖片並小心鬆開②。
如果用力過大，可能會損壞揚聲器或端子電纜。
- *2 白色電線 — 左揚聲器
灰色電線 — 右揚聲器
- *1 注
松开②时，牢牢按住锁片并小心松开②。
如果用力过大，可能会损坏扬声器或端子电缆。
- *2 白色电线 — 左扬声器
灰色电线 — 右扬声器

- 1* ملاحظة
عند تحرير ②، اضغط لأسفل على المزلاج بثبات وقم بتحرير ② بعناية.
في حالة استعمال القوة المفرطة، قد يحدث تلف للسماعة أو كابل أطراف التوصيل.
- 2* سلك أبيض — السماعة اليسرى
سلك رمادي — السماعة اليمنى
1* نكته
هنگام رها كردن ②، قسمت اتصال را محکم به سمت پایین فشار داده و ② را به دقت رها کنید.
در صورت وارد آوردن فشار زیاد، ممکن است به بلندگو یا سیم پایانه آسیب وارد شود.
- 2* سیم سفید — بلندگوی چپ
سیم خاکستری — بلندگوی راست
- *1 Catatan
Saat melepas ②, dorong pengait ke bawah dengan kuat dan lepas ② dengan hati-hati.
Jika terlalu dipaksakan, speaker atau kabel terminal bisa mengalami kerusakan.
- *2 Kabel putih — Speaker kiri
Kabel abu-abu — Speaker kanan
- *1 หมายเหตุ
เมื่อต้องการปลดสายไฟ ② ออก ให้กดตัวล็อกลงและปลดสายไฟ ② ออกด้วยความระมัดระวัง
หากดึงแรงเกินไป อาจทำให้ลำโพงหรือขั้วต่อของสายไฟได้รับความเสียหาย
- *2 สายสีขาว - ลำโพงซ้าย
สายสีเทา - ลำโพงขวา
- *1 Nota
Apabila melepaskan ②, tekan kancing ke bawah dengan kemas dan lepaskan ② dengan cermat.
Sekiranya ditekan secara paksa, pembesar suara atau terminal kabel boleh menjadi rosak.
- *2 Kord putih — Pembesar suara kiri
Kord kelabu — Pembesar suara kanan
- *1 주의
②을 풀 때 걸쇠를 꼭 누르고 ②을 조심해서 풀어 놓으십시오.
힘을 과도하게 주면 스피커 또는 단자 케이블이 손상될 수 있습니다.
- *2 흰색 코드 — 왼쪽 스피커
회색 코드 — 오른쪽 스피커



Flat mounting (installed flush with the surface of the dash) / Montage à plat (affleurant à la surface du tableau de bord) / Montaje plano (instalación a ras con la superficie del tablero de instrumentos) / Versenkte Montage (bündig mit der Oberfläche des Armaturenbretts) / Flatmontering (monteras i jämnhöjd med instrumentbrädans yta) / Verzonken montage (gelijk met het oppervlak van het dashboard) / Montagem à face (instalada nivelada com a superfície do painel de instrumentos) / Montaggio a incasso (installazione a filo con la superficie del cruscotto) / Montaż płaski (montaż w płaszczyźnie powierzchni tablicy rozdzielczej) / Montare plană (se montează la același nivel cu suprafața bordului) / Монтаж на плоской поверхности (установка заподлицо, вровень с поверхностью панели) / Установлення на плоскій поверхні (встановлення врівень з поверхнею панелі) / 平面安裝 (與隔板表面齊平安裝) / 平面安装 (与仪表板表面齐平安装) / نصب هم تراز (نصب شده به صورت هم تراز با سطح خط تیره) / التركيب المستوي (تركيب بمحاذاة سطح لوحة المقاييس) / Pemasangan datar (dipasang rata dengan permukaan dashboard) / การติดตั้งแบบเรียบ (ติดตั้งส่วนลึกเข้าไปที่ผิวหน้าของแผงหน้าปัทม์) / Pemasangan rata (dipasang separas dengan permukaan pemuka) / 평면 장착 (계기판 표면과 같은 높이에 설치)

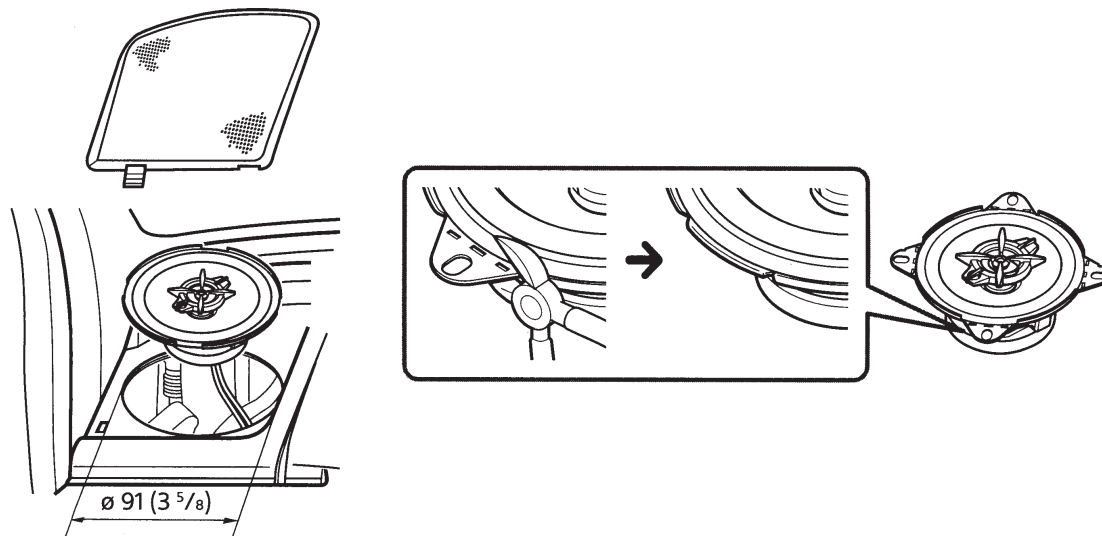
XS-FB1330



Unit: mm (in)
Unité: mm (po)
Unidad: mm
Einheit: mm
Enhet: mm
Eenheid: mm
Unidade: mm
Unità: mm
Jednostka: mm
Unitate: mm

Единицы: мм
Одиниці: мм
單位: mm
單位: mm
الوحدة: مم
واحد: میلی متر
Satuan: mm
ขนาด: มม.
Unit: mm
단위: mm

XS-FB1030



This speaker can be made to fit in almost any type of car by removing the mounting tabs. Use clippers or pliers, etc. to cut or snap two of the mounting tabs off so that it is even with the edge of the speaker frame as illustrated.

Note

After removing the mounting tabs, handle the speaker frame with care, as the edges may be sharp.

SONY®

LIMITED WARRANTY Car Audio (U.S. Only)

Sony Electronics Inc. ("Sony") warrants this product against defects in material or workmanship for the time periods and as set forth below when purchased directly from Sony or a Sony Retailer. Pursuant to this Limited Warranty, Sony will, at its option, (i) repair the product using new or refurbished parts or (ii) replace the product with a new or refurbished product. For purposes of this Limited Warranty, "refurbished" means a product or part that has been returned to its original specifications. **In the event of a defect, these are your exclusive remedies.**

Labor: For a period of one (1) year from the original date of purchase of the product ("Labor Warranty"), Sony will, at its option, repair or replace with new or refurbished product, product determined to be defective. If Sony elects to replace the product after this Labor Warranty has expired but while the Parts Warranty below is still in effect, it will do so for the applicable labor charge.

Parts: For a period of one (1) year from the original date of purchase of product ("Parts Warranty"), Sony will supply new or refurbished replacement parts in exchange for parts determined to be defective.

This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty. Please refer to the End User License Agreements included with the Product for your rights and obligations with respect to the software.

Instructions: To obtain warranty service, you must deliver the product, freight prepaid, in either its original packaging or packaging affording an equal degree of protection to the Sony authorized service facility specified. **It is your responsibility to backup any data, software or other materials you may have stored or preserved on your unit. It is likely that such data, software, or other materials will be lost or reformatted during service and Sony will not be responsible for any such damage or loss.** A dated purchase receipt from Sony or a Sony Retailer is required. For specific instructions on how to obtain warranty service for your product,

Visit Sony's Web Site:
www.sony.com/support

Or call the **Sony Customer Information Service Center**
1-800-222-SONY(7669)

For an accessory or part not available from your authorized dealer, call:

1-800-488-SONY (7669)

Repair / Replacement Warranty: This Limited Warranty shall apply to any repair, replacement part or replacement product for the remainder of the original Limited Warranty period or for ninety (90) days, whichever is longer. Any parts or product replaced under this Limited Warranty will become the property of Sony.

This Limited Warranty only covers product issues caused by defects in material or workmanship during ordinary consumer use; it does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, misuse, limitations of technology, or modification of or to any part of the Sony product or product purchased from other than Sony or a Sony Retailer. To determine if a retailer is part of the Sony Retailer Network, please contact Sony's Customer Service Call Center or go to www.sony.com/support. This Limited Warranty does not cover Sony products sold AS IS or WITH ALL FAULTS or consumables (such as fuses or batteries). This Limited Warranty is invalid if the factory-applied serial number has been altered or removed from the product. This Limited Warranty is valid only in the United States.

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