



REVOLUTION XT 8F/6F/6

2½ Way Floorstanding 8"/6" Dual Concentric HiFi Loudspeaker

REVOLUTION XT Mini

2 Way Stand Mount 4" Dual Concentric HiFi Loudspeaker

REVOLUTION XT C

2½ Way 4" Dual Concentric Centre Channel Loudspeaker


EN


EN Important Safety Instructions





 Terminals marked with this symbol carry electrical current of sufficient magnitude to constitute risk of electric shock.


Use only high-quality professional speaker cables with ¼" TS or twist-locking plugs pre-installed. All other installation or modification should be performed only by qualified personnel.

 This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure - voltage that may be sufficient to constitute a risk of shock.

 This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.

 **Caution**
To reduce the risk of electric shock, do not remove the top cover (or the rear section). No user serviceable parts inside. Refer servicing to qualified personnel.

 **Caution**
To reduce the risk of fire or electric shock, do not expose this appliance to rain and moisture. The apparatus shall not be exposed to dripping or splashing liquids and no objects filled with liquids, such as vases, shall be placed on the apparatus.

 **Caution**
These service instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operation instructions. Repairs have to be performed by qualified service personnel.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Use only attachments/accessories specified by the manufacturer.



12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid

injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.

14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.

16. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.



17. Correct disposal of this product: This symbol indicates that this product must not be disposed of with household waste, according to the WEEE Directive (2012/19/EU) and your national law. This product should be taken

to a collection center licensed for the recycling of waste electrical and electronic equipment (EEE). The mishandling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the efficient use of natural resources. For more information about where you can take your waste equipment for recycling, please contact your local city office, or your household waste collection service.

18. Do not install in a confined space, such as a book case or similar unit.

19. Do not place naked flame sources, such as lighted candles, on the apparatus.

20. Please keep the environmental aspects of battery disposal in mind. Batteries must be disposed-of at a battery collection point.

21. Use this apparatus in tropical and/or moderate climates.

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ES Instrucciones de seguridad





 Las terminales marcadas con este símbolo transportan corriente eléctrica de magnitud suficiente como para constituir un riesgo de descarga eléctrica. Utilice solo cables de altavoz profesionales y de alta calidad con conectores TS de 6,3 mm o de bayoneta prefijados. Cualquier otra instalación o modificación debe ser realizada únicamente por un técnico cualificado.

 Este símbolo, siempre que aparece, le advierte de la presencia de voltaje peligroso sin aislar dentro de la caja; este voltaje puede ser suficiente para constituir un riesgo de descarga.

 Este símbolo, siempre que aparece, le advierte sobre instrucciones operativas y de mantenimiento que aparecen en la documentación adjunta. Por favor, lea el manual.

 **Atención**
Para reducir el riesgo de descarga eléctrica, no quite la tapa (o la parte posterior). No hay piezas en el interior del equipo que puedan ser reparadas por el usuario. Si es necesario, póngase en contacto con personal cualificado.

 **Atención**
Para reducir el riesgo de incendio o descarga eléctrica, no exponga este aparato a la lluvia, humedad o alguna otra fuente que pueda salpicar o derramar algún líquido sobre el aparato. No coloque ningún tipo de recipiente para líquidos sobre el aparato.

 **Atención**
Las instrucciones de servicio deben llevarlas a cabo exclusivamente personal cualificado. Para evitar el riesgo de una descarga eléctrica, no realice reparaciones que no se encuentren descritas en el manual de operaciones. Las reparaciones deben ser realizadas exclusivamente por personal cualificado.

1. Lea las instrucciones.
2. Conserve estas instrucciones.
3. Preste atención a todas las advertencias.
4. Siga todas las instrucciones.
5. No use este aparato cerca del agua.
6. Limpie este aparato con un paño seco.
7. No bloquee las aberturas de ventilación. Instale el equipo de acuerdo con las instrucciones del fabricante.
8. No instale este equipo cerca de fuentes de calor tales como radiadores, acumuladores de calor, estufas u otros aparatos (incluyendo amplificadores) que puedan producir calor.

9. No elimine o deshabilite nunca la conexión a tierra del aparato o del cable de alimentación de corriente. Un enchufe polarizado tiene dos polos, uno de los cuales tiene un contacto más ancho que el otro. Una clavija con puesta a tierra dispone de tres contactos: dos polos y la puesta a tierra. El contacto ancho y el tercer contacto, respectivamente, son los que garantizan una mayor seguridad. Si el enchufe suministrado con el equipo no concuerda con la toma de corriente, consulte con un electricista para cambiar la toma de corriente obsoleta.

10. Coloque el cable de suministro de energía de manera que no pueda ser pisado y que esté protegido de objetos afilados. Asegúrese de que el cable de suministro de energía esté protegido, especialmente en la zona de la clavija y en el punto donde sale del aparato.

11. Use únicamente los dispositivos o accesorios especificados por el fabricante.



12. Use únicamente la carretilla, plataforma, trípode, soporte o mesa especificados por el fabricante o suministrados junto con el equipo. Al transportar el equipo, tenga cuidado para evitar

daños y caídas al tropezar con algún obstáculo.

13. Desenchufe el equipo durante tormentas o si no va a utilizarlo durante un periodo largo.

14. Confíe las reparaciones únicamente a servicios técnicos cualificados. La unidad requiere mantenimiento siempre que haya sufrido algún daño, si el cable de suministro de energía o el enchufe presentaran daños, se hubiera derramado un líquido o hubieran caído objetos dentro del equipo, si el aparato hubiera estado expuesto a la humedad o la lluvia, si ha dejado de funcionar de manera normal o si ha sufrido algún golpe o caída.

15. Al conectar la unidad a la toma de corriente eléctrica asegúrese de que la conexión disponga de una unión a tierra.

16. Si el enchufe o conector de red sirve como único medio de desconexión, éste debe ser accesible fácilmente.



17. Cómo debe deshacerse de este aparato: Este símbolo indica que este aparato no debe ser tratado como basura orgánica, según lo indicado en la Directiva WEEE (2012/19/EU) y a las normativas aplicables en su país.

En lugar de ello deberá llevarlo al punto limpio más cercano para el reciclaje de sus elementos eléctricos / electrónicos (EEE). Al hacer esto estará ayudando a prevenir las posibles consecuencias negativas para el medio ambiente y la salud que podrían ser provocadas por una gestión inadecuada de este tipo de aparatos. Además, el reciclaje de materiales ayudará a conservar los recursos naturales. Para más información acerca del reciclaje de este aparato, póngase en contacto con el Ayuntamiento de su ciudad o con el punto limpio local.

18. No instale esta unidad en un espacio muy reducido, tal como encastrada en una librería o similar.

19. No coloque objetos con llama, como una vela encendida, sobre este aparato.

20. Tenga presentes todas las advertencias relativas al reciclaje y correcta eliminación de las pilas. Las pilas deben ser siempre eliminadas en un punto limpio y nunca con el resto de la basura orgánica.

21. Use este aparato en rangos de temperatura moderados y/o tropicales.

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EN

ES

FR Consignes de sécurité



Les points repérés par ce symbole portent une tension électrique suffisante pour constituer un risque d'électrocution.

Utilisez uniquement des câbles d'enceintes professionnels de haute qualité avec fiches Jack mono 6,35 mm ou fiches à verrouillages déjà installées. Toute autre installation ou modification doit être effectuée uniquement par un personnel qualifié.

Ce symbole avertit de la présence d'une tension dangereuse et non isolée à l'intérieur de l'appareil - elle peut provoquer des chocs électriques.

Attention
Ce symbole signale les consignes d'utilisation et d'entre-tien importantes dans la documentation fournie. Lisez les consignes de sécurité du manuel d'utilisation de l'appareil.

Attention
Pour éviter tout risque de choc électrique, ne pas ouvrir le capot de l'appareil ni démonter le panneau arrière. L'intérieur de l'appareil ne possède aucun élément réparable par l'utilisateur. Laisser toute réparation à un professionnel qualifié.

Attention
Pour réduire les risques de feu et de choc électrique, n'exposez pas cet appareil à la pluie, à la moisissure, aux gouttes ou aux éclaboussures. Ne posez pas de récipient contenant un liquide sur l'appareil (un vase par exemple).

Attention
Ces consignes de sécurité et d'entretien sont destinées à un personnel qualifié. Pour éviter tout risque de choc électrique, n'effectuez aucune réparation sur l'appareil qui ne soit décrite par le manuel d'utilisation. Les éventuelles réparations doivent être effectuées uniquement par un technicien spécialisé.

1. Lisez ces consignes.
2. Conservez ces consignes.
3. Respectez tous les avertissements.
4. Respectez toutes les consignes d'utilisation.
5. N'utilisez jamais l'appareil à proximité d'un liquide.
6. Nettoyez l'appareil avec un chiffon sec.
7. Veillez à ne pas empêcher la bonne ventilation de l'appareil via ses ouïes de ventilation. Respectez les consignes du fabricant concernant l'installation de l'appareil.
8. Ne placez pas l'appareil à proximité d'une source de chaleur telle qu'un chauffage, une cuisinière ou tout appareil dégageant de la chaleur (y compris un ampli de puissance).

9. Ne supprimez jamais la sécurité des prises bipolaires ou des prises terre. Les prises bipolaires possèdent deux contacts de largeur différente. Le plus large est le contact de sécurité. Les prises terre possèdent deux contacts plus une mise à la terre servant de sécurité. Si la prise du bloc d'alimentation ou du cordon d'alimentation fourni ne correspond pas à celles de votre installation électrique, faites appel à un électricien pour effectuer le changement de prise.

10. Installez le cordon d'alimentation de telle façon que personne ne puisse marcher dessus et qu'il soit protégé d'arêtes coupantes. Assurez-vous que le cordon d'alimentation est suffisamment protégé, notamment au niveau de sa prise électrique et de l'endroit où il est relié à l'appareil; cela est également valable pour une éventuelle rallonge électrique.

11. Utilisez exclusivement des accessoires et des appareils supplémentaires recommandés par le fabricant.



12. Utilisez exclusivement des chariots, des diables, des présentoirs, des pieds et des surfaces de travail recommandés par le fabricant ou livrés avec le produit.

Déplacez précautionneusement tout chariot ou diable chargé pour éviter d'éventuelles blessures en cas de chute.

13. Débranchez l'appareil de la tension secteur en cas d'orage ou si l'appareil reste inutilisé pendant une longue période de temps.

14. Les travaux d'entretien de l'appareil doivent être effectués uniquement par du personnel qualifié. Aucun entretien n'est nécessaire sauf si l'appareil est endommagé de quelque façon que ce soit (dommages sur le cordon d'alimentation ou la prise par exemple), si un liquide ou un objet a pénétré à l'intérieur du châssis, si l'appareil a été exposé à la pluie ou à l'humidité, s'il ne fonctionne pas correctement ou à la suite d'une chute.

15. L'appareil doit être connecté à une prise secteur dotée d'une protection par mise à la terre.

16. La prise électrique ou la prise IEC de tout appareil dénué de bouton marche/arrêt doit rester accessible en permanence.



17. Mise au rebut appropriée de ce produit: Ce symbole indique qu'en accord avec la directive DEEE (2012/19/EU) et les lois en vigueur dans votre pays, ce produit ne doit pas être jeté avec les déchets ménagers. Ce produit doit être

déposé dans un point de collecte agréé pour le recyclage des déchets d'équipements électriques et électroniques (EEE). Une mauvaise manipulation de ce type de déchets pourrait avoir un impact négatif sur l'environnement et la santé à cause des substances potentiellement dangereuses généralement associées à ces équipements. En même temps, votre coopération dans la mise au rebut de ce produit contribuera à l'utilisation efficace des ressources naturelles. Pour plus d'informations sur l'endroit où vous pouvez déposer vos déchets

d'équipements pour le recyclage, veuillez contacter votre mairie ou votre centre local de collecte des déchets.

18. N'installez pas l'appareil dans un espace confiné tel qu'une bibliothèque ou meuble similaire.

19. Ne placez jamais d'objets enflammés, tels que des bougies allumées, sur l'appareil.

20. Gardez à l'esprit l'impact environnemental lorsque vous mettez des piles au rebut. Les piles usées doivent être déposées dans un point de collecte adapté.

21. Utilisez l'appareil dans un climat tropical et/ou modéré.

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DE Wichtige Sicherheitshinweise



Vorsicht
Die mit dem Symbol markierten Anschlüsse führen so viel Spannung, dass die Gefahr eines Stromschlags besteht.

Verwenden Sie nur hochwertige, professionelle Lautsprecherkabel mit vorinstallierten 6,35 mm MONO-Klinkensteckern oder Lautsprecherstecker mit Drehverriegelung. Alle anderen Installationen oder Modifikationen sollten nur von qualifiziertem Fachpersonal ausgeführt werden.

Achtung
Um eine Gefährdung durch Stromschlag auszuschließen, darf die Geräteabdeckung bzw. Geräterückwand nicht abgenommen werden. Im Innern des Geräts befinden sich keine vom Benutzer reparierbaren Teile. Reparaturarbeiten dürfen nur von qualifiziertem Personal ausgeführt werden.

Achtung
Um eine Gefährdung durch Feuer bzw. Stromschlag auszuschließen, darf dieses Gerät weder Regen oder Feuchtigkeit ausgesetzt werden noch sollten Spritzwasser oder tropfende Flüssigkeiten in das Gerät gelangen können. Stellen Sie keine mit Flüssigkeit gefüllten Gegenstände, wie z. B. Vasen, auf das Gerät.

Achtung
Die Service-Hinweise sind nur durch qualifiziertes Personal zu befolgen. Um eine Gefährdung durch Stromschlag zu vermeiden, führen Sie bitte keinerlei Reparaturen am dem Gerät durch, die nicht in der Bedienungsanleitung beschrieben sind. Reparaturen sind nur von qualifiziertem Fachpersonal durchzuführen.

1. Lesen Sie diese Hinweise.
2. Bewahren Sie diese Hinweise auf.
3. Beachten Sie alle Warnhinweise.
4. Befolgen Sie alle Bedienungshinweise.
5. Betreiben Sie das Gerät nicht in der Nähe von Wasser.
6. Reinigen Sie das Gerät mit einem trockenen Tuch.
7. Blockieren Sie nicht die Belüftungsschlitze. Beachten Sie beim Einbau des Gerätes die Herstellerhinweise.
8. Stellen Sie das Gerät nicht in der Nähe von Wärmequellen auf. Solche Wärmequellen sind z. B. Heizkörper, Herde oder andere Wärme erzeugende Geräte (auch Verstärker).
9. Entfernen Sie in keinem Fall die Sicherheitsvorrichtung von Zweipol- oder geerdeten Steckern. Ein Zweipolstecker hat zwei unterschiedlich breite Steckkontakte. Ein geerdeter Stecker hat zwei Steckkontakte und einen dritten Erdungskontakt. Der breitere Steckkontakt oder der zusätzliche

Erdungskontakt dient Ihrer Sicherheit. Falls das mitgelieferte Steckerformat nicht zu Ihrer Steckdose passt, wenden Sie sich bitte an einen Elektriker, damit die Steckdose entsprechend ausgetauscht wird.

10. Verlegen Sie das Netzkabel so, dass es vor Tritten und scharfen Kanten geschützt ist und nicht beschädigt werden kann. Achten Sie bitte insbesondere im Bereich der Stecker, Verlängerungskabel und an der Stelle, an der das Netzkabel das Gerät verlässt, auf ausreichenden Schutz.

11. Das Gerät muss jederzeit mit intaktem Schutzleiter an das Stromnetz angeschlossen sein.

12. Sollte der Hauptnetzstecker oder eine Gerätesteckdose die Funktionseinheit zum Abschalten sein, muss diese immer zugänglich sein.

13. Verwenden Sie nur Zusatzgeräte/Zubehörteile, die laut Hersteller geeignet sind.



14. Verwenden Sie nur Wagen, Standvorrichtungen, Stative, Halter oder Tische, die vom Hersteller benannt oder im Lieferumfang des Geräts enthalten sind. Falls Sie einen

Wagen benutzen, seien Sie vorsichtig beim Bewegen der Wagen-Gerätkombination, um Verletzungen durch Stolpern zu vermeiden.

15. Ziehen Sie den Netzstecker bei Gewitter oder wenn Sie das Gerät längere Zeit nicht benutzen.

16. Lassen Sie alle Wartungsarbeiten nur von qualifiziertem Service-Personal ausführen. Eine Wartung ist notwendig, wenn das Gerät in irgendeiner Weise beschädigt wurde (z. B. Beschädigung des Netzkabels oder Steckers), Gegenstände oder Flüssigkeit in das Geräteinnere gelangt sind, das Gerät Regen oder Feuchtigkeit ausgesetzt wurde, das Gerät nicht ordnungsgemäß funktioniert oder auf den Boden gefallen ist.



17. Korrekte Entsorgung dieses Produkts: Dieses Symbol weist darauf hin, das Produkt entsprechend der WEEE Richtlinie (2012/19/EU) und der jeweiligen nationalen Gesetze nicht zusammen mit Ihren

Haushaltsabfällen zu entsorgen. Dieses Produkt sollte bei einer autorisierten Sammelstelle für Recycling elektrischer und elektronischer Geräte (EEE) abgegeben werden. Wegen bedenklicher Substanzen, die generell mit elektrischen und elektronischen Geräten in Verbindung stehen, könnte eine unsachgemäße Behandlung dieser Abfälle eine negative Auswirkung auf Umwelt und Gesundheit haben. Gleichzeitig gewährleistet Ihr Beitrag zur richtigen Entsorgung dieses Produkts die effektive Nutzung natürlicher Ressourcen. Für weitere Informationen zur Entsorgung Ihrer Geräte bei einer Recycling-Stelle nehmen Sie bitte Kontakt zum zuständigen städtischen Büro, Entsorgungsamt oder zu Ihrem Haushaltsabfallsorger auf.

18. Installieren Sie das Gerät nicht in einer beengten Umgebung, zum Beispiel Bücherregal oder ähnliches.

19. Stellen Sie keine Gegenstände mit offenen Flammen, etwa brennende Kerzen, auf das Gerät.

20. Beachten Sie bei der Entsorgung von Batterien den Umweltschutz-Aspekt. Batterien müssen bei einer Batterie-Sammelstelle entsorgt werden.

21. Verwenden Sie das Gerät in tropischen und/oder gemäßigten Klimazonen.

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PT Instruções de Segurança Importantes



Aviso!
Terminais marcados com o símbolo carregam corrente elétrica de magnitude suficiente para constituir um risco de choque elétrico. Use apenas cabos de alto-falantes de alta qualidade com plugues TS de ¼" ou plugues com trava de torção pré-instalados. Todas as outras instalações e modificações devem ser efetuadas por pessoas qualificadas.

Atenção
Este símbolo, onde quer que o encontre, alerta-o para a leitura das instruções de manuseamento que acompanham o equipamento. Por favor leia o manual de instruções.

Atenção
De forma a diminuir o risco de choque elétrico, não remover a cobertura (ou a secção de trás). Não existem peças substituíveis por parte do utilizador no seu interior. Para esse efeito recorrer a um técnico qualificado.

Atenção
Para reduzir o risco de incêndios ou choques eléctricos o aparelho não deve ser exposto à chuva nem à humidade. Além disso, não deve ser sujeito a salpicos, nem devem ser colocados em cima do aparelho objectos contendo líquidos, tais como jarras.

Atenção
Estas instruções de operação devem ser utilizadas, em exclusivo, por técnicos de assistência qualificados. Para evitar choques eléctricos não proceda a reparações ou intervenções, que não as indicadas nas instruções de operação, salvo se possuir as qualificações necessárias. Para evitar choques eléctricos não proceda a reparações ou intervenções, que não as indicadas nas instruções de operação. Só o deverá fazer se possuir as qualificações necessárias.

1. Leia estas instruções.
2. Guarde estas instruções.
3. Preste atenção a todos os avisos.
4. Siga todas as instruções.
5. Não utilize este dispositivo perto de água.
6. Limpe apenas com um pano seco.
7. Não obstrua as entradas de ventilação. Instale de acordo com as instruções do fabricante.
8. Não instale perto de quaisquer fontes de calor tais como radiadores, bocas de ar quente, fogões de sala ou outros aparelhos (incluindo amplificadores) que produzam calor.
9. Não anule o objectivo de segurança das fichas polarizadas ou do tipo de ligação à terra. Uma ficha polarizada dispõe de duas palhetas sendo uma mais larga do que a outra. Uma ficha do tipo ligação à terra dispõe

de duas palhetas e um terceiro dente de ligação à terra. A palheta larga ou o terceiro dente são fornecidos para sua segurança. Se a ficha fornecida não encaixar na sua tomada, consulte um electricista para a substituição da tomada obsoleta.

10. Proteja o cabo de alimentação de pisadelas ou apertos, especialmente nas fichas, extensões, e no local de saída da unidade. Certifique-se de que o cabo eléctrico está protegido. Verifique particularmente nas fichas, nos receptáculos e no ponto em que o cabo sai do aparelho.

11. O aparelho tem de estar sempre conectado à rede eléctrica com o condutor de protecção intacto.

12. Se utilizar uma ficha de rede principal ou uma tomada de aparelhos para desligar a unidade de funcionamento, esta deve estar sempre acessível.

13. Utilize apenas ligações/acessórios especificados pelo fabricante.



14. Utilize apenas com o carrinho, estrutura, tripé, suporte, ou mesa especificados pelo fabricante ou vendidos com o dispositivo. Quando utilizar um carrinho, tenha cuidado ao

mover o conjunto carrinho/dispositivo para evitar danos provocados pela terpidação.

15. Desligue este dispositivo durante as trovoadas ou quando não for utilizado durante longos períodos de tempo.

16. Qualquer tipo de reparação deve ser sempre efectuado por pessoal qualificado. É necessária uma reparação sempre que a unidade tiver sido de alguma forma danificada, como por exemplo: no caso do cabo de alimentação ou ficha se encontrarem danificados; na eventualidade de líquido ter sido derramado ou objectos terem caído para dentro do dispositivo; no caso da unidade ter estado exposta à chuva ou à humidade; se esta não funcionar normalmente, ou se tiver caído.



17. Correcta eliminação deste produto: este símbolo indica que o produto não deve ser eliminado juntamente com os resíduos domésticos, segundo a Directiva REEE (2012/19/EU) e a legislação nacional. Este produto deverá

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18. Não instale em lugares confinados, tais como estantes ou unidades similares.

19. Não coloque fontes de chama, tais como velas acesas, sobre o aparelho.

20. Favor, obedecer os aspectos ambientais de descarte de bateria. Baterias devem ser descartadas em um ponto de coletas de baterias.

21. Use este aparelho em climas tropicais e/ou moderados.

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JP 安全にお使いいただくために



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注意

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2. 取扱説明書を大切に保管してください。
3. 警告に従ってください。
4. 指示に従ってください。
5. 本機を水の近くで使用しないでください。
6. お手入れの際は常に乾燥した布巾を使ってください。
7. 本機は、取扱説明書の指示に従い、適切な換気を妨げない場所に設置してください。取扱説明書に従って設置してください。
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此标志提醒您查阅所附的重要的使用及维修说明。请阅读有关手册。

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小心
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小心
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1. 请阅读这些说明。
2. 请妥善保存这些说明。
3. 请注意所有的警示。
4. 请遵守所有的说明。
5. 请勿在靠近水的地方使用本产品。
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7. 请勿堵塞通风口。安装本产品时请遵照厂家的说明。
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9. 请勿移除极性插头或接地插头的安全装置。接地插头是由两个插塞接点及一个接地头构成。若随货提供的插头不适合您的插座, 请找电工更换一个合适的插座。
10. 妥善保护电源线, 使其不被践踏或刺破, 尤其注意电源插头、多用途插座及设备连接处。

11. 请只使用厂家指定的附属设备和配件。



12. 请只使用厂家指定的或随货销售的手推车, 架子, 三角架, 支架和桌子。若使用手推车来搬运设备, 请注意安全放置设备, 以避免手推车和设备

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13. 遇闪电雷鸣或长期不使用本设备时, 请拔出电源插头。

14. 所有维修均须由合格的维修人员进行。设备受损时需进行维修, 例如电源线或电源插头受损, 液体流入或异物落入设备内, 设备遭雨淋或受潮, 设备不能正常运作或被摔坏。

15. 本设备连接电源时一定要要有接地保护。



16. 若电源插头或器具耦合器用作断电装置, 应当保证它们处于随时可方便操作状态。

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Introduction

Thank you for selecting TANNOY loudspeakers, developed in the UK by our dedicated team of design engineers. They are the choice of discriminating music lovers the world over. Musical excellence is designed into our loudspeakers from the start. Careful selection of the very best components combined with strict quality control procedures in the production process ensures this level of excellence is maintained. To gain maximum performance from your loudspeakers, please take time to read this owner's manual in full before installation. Once you have set up your new loudspeakers please register them on our website - this does not limit your legal rights. Loudspeakers are electromechanical devices that "run-in" through use; performance will therefore improve after an initial period of 24 hrs use. Once they have been further run-in over a longer period, there will be clear enhancement of the stereo imaging, mid-band quality and bass performance characteristics. We are confident that you will continue to enjoy your new TANNOY Revolution XT loudspeakers for many years to come.

Driver Technology

The TANNOY Dual Concentric™

TANNOY Dual Concentric drivers have been incorporated into the Revolution XT loudspeakers. Intensive research and development has produced an all-new version of this proven technology that builds upon the legendary performance of this exclusive TANNOY driver design. This new driver, offers enhanced dispersion – creating an even more uniform spread of sound around the listening environment. At the same time, the introduction of the Omnimagnet™ configuration allows the high frequency unit to be placed even closer to the acoustic centre of the low frequency unit, further improving time alignment between the two drive units. The time coherent, point source and constant directivity nature of the dispersion characteristics inherent in the Dual Concentric makes it an accepted industry standard in studio monitoring. By exceeding the rigorous demands of the recording and mastering environment, TANNOY can ensure that playback performance in the home for two channel stereo or multi-channel home cinema is strictly controlled to accurately reflect the sound engineer's artistry. In nature, all sounds emanate from a single point in space. The high frequency unit of the Dual Concentric, centrally mounted in the throat of the main mid/bass driver, is so positioned as to acoustically replicate this single point source. This delivers an exceptionally natural sound with an incredibly wide imaging "sweet-spot" which is further enhanced by the newly developed Torus Ogive Waveguide™, creating an expansive soundstage with remarkably focused placement of images.

Amplifier Choice

Consult the product specification as this clearly shows the acceptable power range for amplifier matching to your speakers. The high peak power handling of TANNOY loudspeakers permits responsible use with more powerful amplifiers - please read the warranty. As with all loudspeaker systems, the power handling is a function of voice coil thermal capacity. Care should be taken to avoid overdriving any amplifier, as this will cause output overload resulting in "clipping" or distortion within the output signal. This, if done for any extended period, will cause damage to the speakers. Generally an amplifier of higher power that is running hard, but free of distortion, will do less damage to the loudspeaker than a lower power amplifier continually clipping. Remember also that a high powered amplifier running at less than 90% of output power generally sounds a great deal better than a lower powered example struggling to achieve 100%. An amplifier with insufficient drive capability will not allow the full performance of the loudspeakers to be realised.

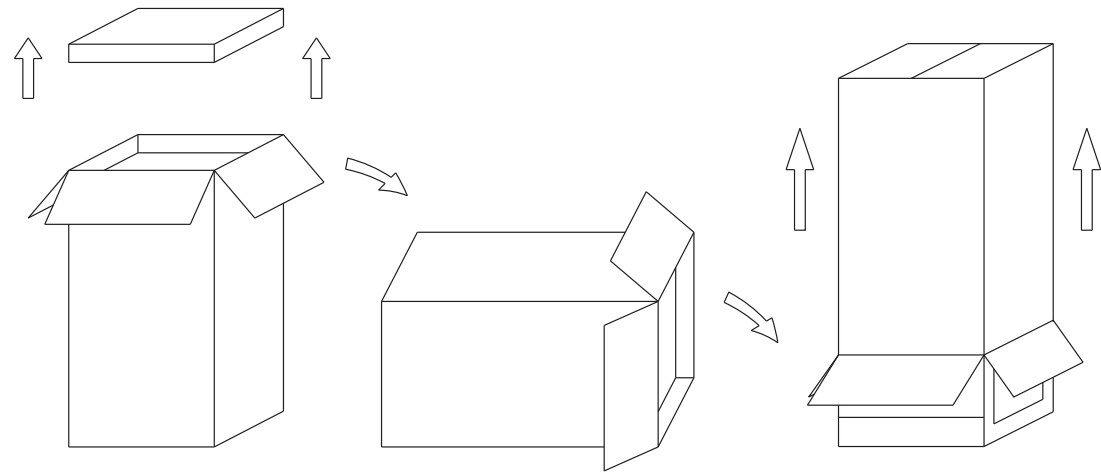
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Cable Choice

Always use the best quality of cable available within your budget. High quality audio signals passing from the amplifier to the loudspeaker are unusual in their demands on the cable. Wide dynamic range and frequency bandwidth information has to coexist with the ability to transmit peak currents of at least 10 amps, without incurring any loss or signal impairment. This explains why the sound quality of the information reproduced by the loudspeakers is so dependent on the physical properties of the cables connecting them to the amplifier. We would recommend that you always keep the cable runs as short as possible and the same length for each speaker. Remember that cable construction can affect the sound quality so be prepared to experiment to find a cable that suits your ear and audio system.

Unpacking

To unpack the loudspeakers from their boxes remove tape from the top then fold the flaps right back before inverting the carton and contents. Lift the carton clear of the contents then remove all inner packaging. It is strongly recommended that you store all the packaging to allow protected transportation in future.



Floor Standing Models

Revolution XT floor-standing models perform best with carpet piercing spikes fitted. These are supplied, along with lock nuts, and should be inserted into the threaded holes in the base of the cabinet. Level the speaker and then tighten the lock nuts firmly but without using undue force. Spike locating cups are provided in the accessory pack and these may be used to protect sensitive floor surfaces.

Warning:

Ensure that the spikes are levelled and that the lock nuts are tightened firmly. The spikes should be pushed through the carpet to locate into the flooring surface by applying pressure to the top of the cabinet. If using on a sensitive floor surface place the protective cups under the levelled spikes. Failure to do so could render the speaker unsteady and result in damage or injury should it be knocked over.

Stand Mounting Models

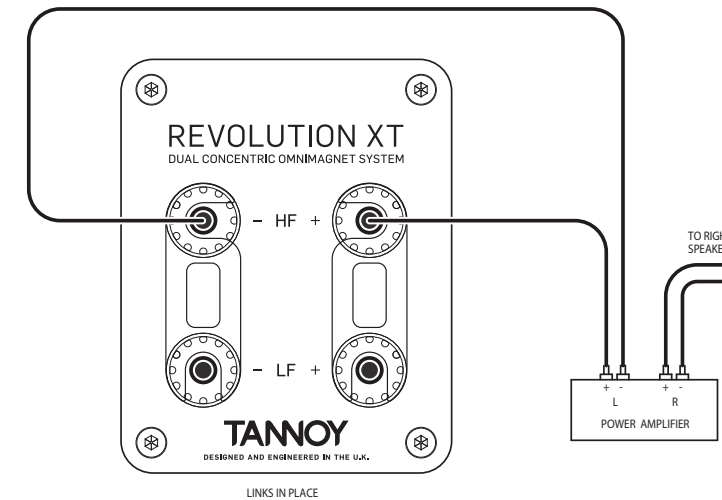
Stand mounting or bookshelf speakers should be located securely on stands or a shelf in an appropriate position to place the Dual Concentric driver high frequency unit roughly at ear height when seated in the chosen listening position. Positioning recommendations for stand-mounted speakers can be found under the section entitled "Positioning and fine tuning". The Revolution XT Mini may also be wall mounted with a suitable bracket, using two inserts on the rear of the loudspeaker, with standard 60 mm spacing. The thread in the inserts is M5. It is the responsibility of the customer to ensure the chosen bracket is used within its load rating, and the bracket is securely mounted to the wall with suitable hardware.

Installation

To avoid potential damage to your loudspeaker, ensure that the amplifier is switched OFF prior to connecting or disconnecting any cables. Before switching on double check that all connections are secure and that polarity is correct.

Connection in Single Wire Mode

For single wire mode, leave the link plates between the LF and HF terminals in place. For optimum performance in single wire mode, loudspeaker cable connections from the amplifier should be made to the high frequency (HF) terminals of the loudspeaker.



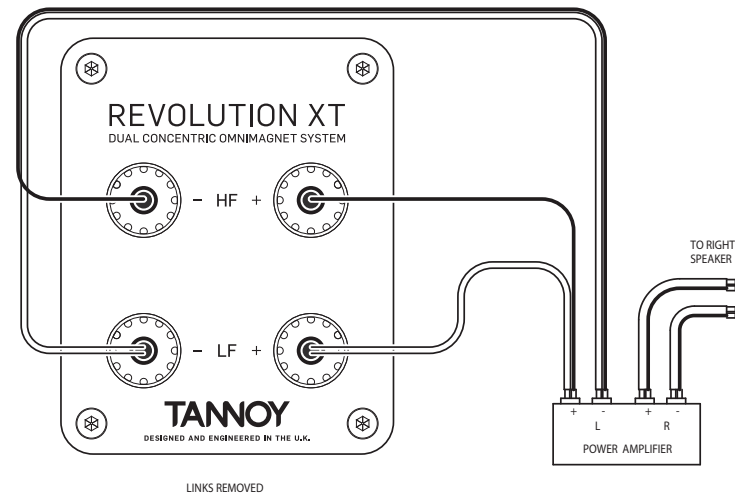
- The positive (plus) terminal on the amplifier left channel (marked + or coloured red) must be connected to the positive HF terminal on the left speaker. The left speaker is the one on the left as you look at the stereo pair from your listening position.
- The negative (minus) terminal on the amplifier left channel (marked - or coloured black) must be connected to the negative HF terminal on the left speaker.
- Repeat this connection process for the right speaker. Remember that the positive (+ or red) on the amplifier must be connected to the positive (+ or red) on the speaker and the negative (- or black) to negative.
- Select a signal source, such as a CD player; switch on the amplifier and slowly turn up the volume control to check that both loudspeakers are reproducing bass and treble information.

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Connection in Bi-Wire Mode

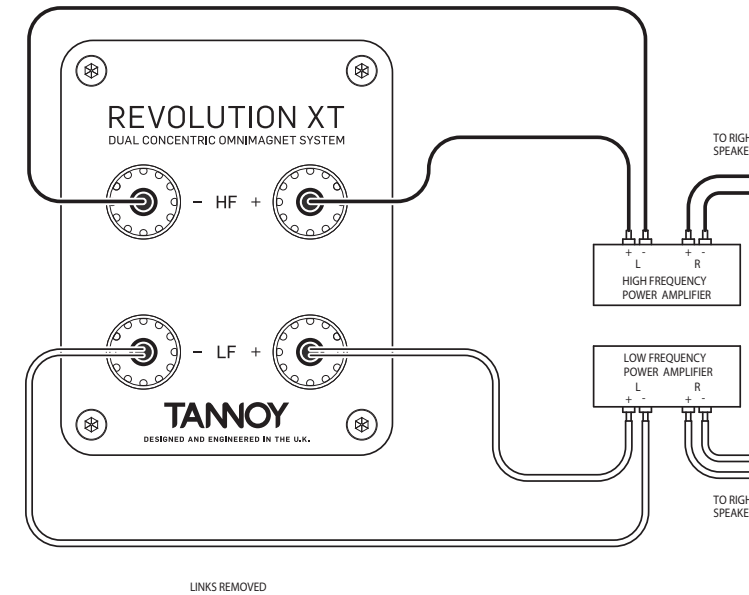
Please note in bi-wire mode that the link plates must not be used.



- Be sure that the amplifier is switched OFF and then prepare the two sets of cabling for each "side" of the system separately. Measure and cut four lengths of cable, two per speaker.
- Label two of the cable lengths Left LF and Left HF (low frequency and high frequency) then repeat this process for the right pair.
- If your amplifier is not equipped with separate output terminals for bass and treble information then, at the amplifier end of the cables, twist the Left LF+ (positive) and the Left HF+ (positive) together. Connect these to the amplifier Left channel positive terminal marked + (plus) or coloured red.
- Twist the Left LF- (negative) and the HF- (negative) cables together and connect them to the amplifier Left channel negative terminal marked - (minus) or coloured black.
- At the loudspeaker end connect the cables labelled Left LF+ and Left LF- to the left hand loudspeaker LF terminals, ensuring that you note the polarity markings on the cable sheathing.
- Then proceed to connect the Left HF+ and Left HF- to the HF terminals on the same loudspeaker.
- Repeat this process to connect the right hand loudspeaker to the amplifier right channel output, once again ensuring that polarity is correct throughout.
- Switch the amplifier on with the volume control set at its lowest setting. Select a favourite source and slowly turn up the volume to a low level. Check that bass and treble information is being reproduced from both speakers – if not, switch OFF the amplifier and recheck the connections.

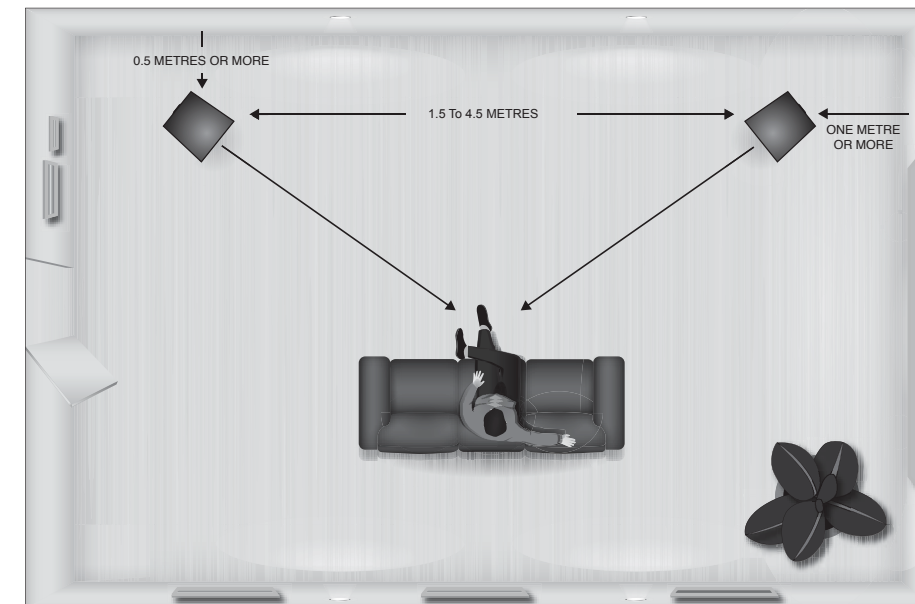
Bi-Amping

Bi-Amping extends the principle of bi-wiring one stage further. In this connection option separate power amplifiers are used for bass and treble signals in each loudspeaker. Four mono (or two stereo) amplifiers of the same type are required for a stereo pair of loudspeakers. Ensure that the link plates between the loudspeaker terminals are removed and that correct polarity is maintained throughout. If two stereo amplifiers are used, it is recommended that one amplifier supply bass information to left and right loudspeakers and the other, the treble information.



Positioning and Fine Tuning

To get best results from your new TANNOY Revolution XT loudspeakers it is worthwhile spending a little time finding the optimum setup configuration. Begin by angling the speakers towards your chosen listening position, usually this is on the centre line of the room, so that when seated you can just see the inner side panel of each speaker. The front of the loudspeaker should not be obstructed in any way. The loudspeakers should be located between 1.5 to 4.5 metres (5 ft to 15 ft) apart – with the listening position set slightly further away than the speakers are apart. Avoid positioning the loudspeakers in corners of the room, as this will have a negative effect on performance. Ideally, maintain a distance of at least 0.5 metres (20") from the rear wall, and 1 metre (39") from the side.



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Grilles

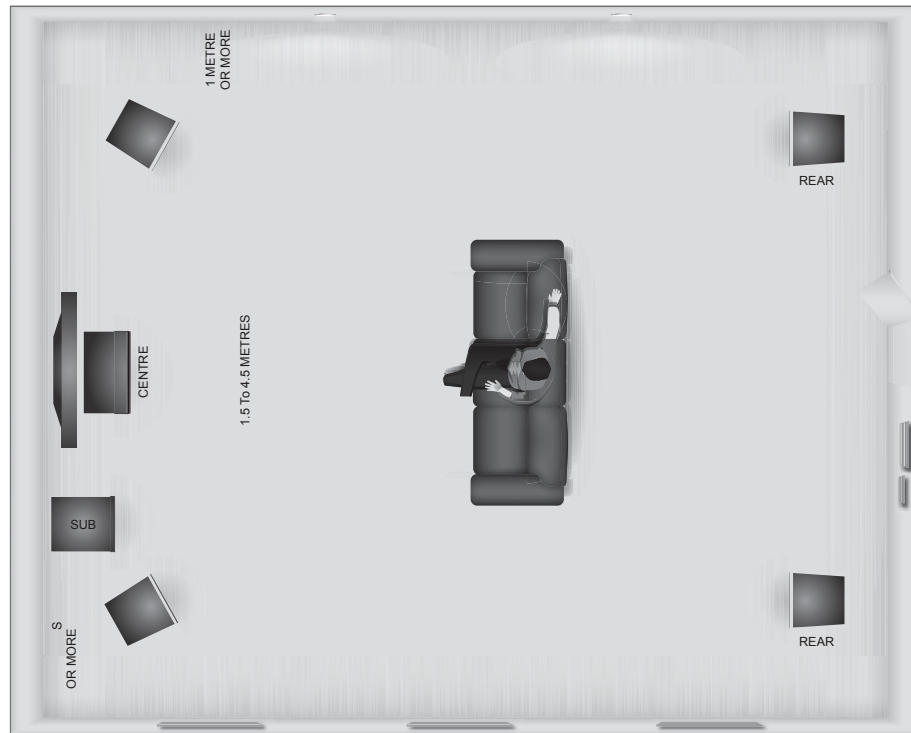
The Revolution XT grille has been designed to provide acoustic transparency. However, for ultimate fidelity the enthusiast will appreciate the slight improvement in clarity and detail that is achieved by removing the grilles during listening. It is held in place by concealed magnets, to promote a neat visual appearance when removed.

Care of Cabinet

The cabinets should only be cleaned with a dry cloth or with a light application of quality non-silicone furniture polish.

Revolution XT Home Theatre 5.1 – General Information

Unlike other forms of encoded surround audio, 5.1 offers full bandwidth capability for the surround and centre channels, with the ability to treat the subwoofer as a single discreet channel for special effects playback or, for music applications, as a dedicated low frequency instrument channel. This places new demands on the surround and centre channel loudspeakers in both the mixing environment and the playback environment. The 5.1 format allows the mix engineer in the recording studio to assign audio information to one or more discreet channels of playback; providing very vivid and exacting localisation for the apparent sound sources in the listening environment. To reliably recreate that accurate localisation during playback, the selection and location of loudspeakers becomes the single most critical issue next to the talent of the mix engineer in the studio.



The System

A fully operational 5.1 system consists of two main front loudspeakers, two rear effects speakers at the rear (usually wall mounted) and a centre channel. The subwoofer provides the .1 part of the system. In home Theatre applications the matched dispersion of all Revolution XT models provides a very focused soundstage, retaining natural voicing and ensuring that aural effects and speech localisation “pan” from left to right and front to rear seamlessly.

WARNING, STRONG MAGNETIC FIELDS

The powerful magnet system in Revolution XT models will cause picture distortion with conventional CRT televisions and monitors, and should not be used in close proximity. There are no issues with plasma, LCD or LED televisions or monitors.

Front Speakers

The ultra-wide dynamic range and power handling capability of Revolution XT loudspeakers will provide a stunning home cinema experience. The speakers should be positioned on either side of the TV or projection screen and then placed in line with the screen surface.

Centre Channel Speaker

In all cases the centre channel speaker should be positioned as near to the TV screen as possible. The viewing position when seated determines the ideal mounting height, but in all cases this should be as close as possible to ear height. As with the main speakers the front baffle panel should be as near as possible in line with the screen surface. The Revolution XT C can be wired in single wire, bi-wire or bi-amp modes. Please refer to figs. 2, 3 & 4 for connection guidance bearing in mind that connection should be made to the dedicated centre channel output on your A/V processor amplifier/s.

Rear Effects Speakers

The integrity of the special effects soundstage created by the source material will be compromised if the speakers are installed on the sidewalls, for that reason they should always be placed behind the main viewing position. Placement should mirror as near as possible the location of the front pair and 0.5 metres (20") from the rear wall.

Subwoofer

As the subwoofer only produces low frequency, therefore monaural information, it is difficult to detect its location by ear. It could as a result be situated anywhere in the room, but optimum performance will be gained by locating the subwoofer between the main stereo pair of speakers. Bass output will increase when placed next to a wall or in a corner so use the subwoofer volume control to balance the output with the rest of the system.

Please refer to the manual supplied with the subwoofer for advice on installation and set-up.

Technical Specifications

| | REVOLUTION XT 6 | REVOLUTION XT 6F | REVOLUTION XT 8F | REVOLUTION XT Mini | REVOLUTION XT C |
|----------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Performance | | | | | |
| Recommended amplifier power (watt RMS) | 25 - 120 | 25 - 150 | 25 - 200 | 25 - 100 | 25 - 120 |
| Continuous power handling (watt RMS) | 60 | 75 | 100 | 50 | 60 |
| Peak power handling (watt) | 240 | 300 | 400 | 200 | 240 |
| Sensitivity (2.83 volt @ 1 m) | 89 dB | 90 dB | 91 dB | 88 dB | 89 dB |
| Nominal impedance (ohm) | 8 | 8 | 8 | 8 | 8 |
| Frequency response (-6 dB) | 46 Hz - 32 kHz | 38 Hz - 32 kHz | 34 Hz - 32 kHz | 68 Hz - 52 kHz | 62 Hz - 52 kHz |
| Drive Units | | | | | |
| Dual Concentric high frequency | 25 mm (1") Linear PEI dome with Torus Ogive WaveGuide and Omnimagnet technology | 25 mm (1") Linear PEI dome with Torus Ogive WaveGuide and Omnimagnet technology | 25 mm (1") Linear PEI dome with Torus Ogive WaveGuide and Omnimagnet technology | 20 mm (0.79") Linear PEI dome with Torus Ogive WaveGuide and Omnimagnet technology | 20 mm (0.79") Linear PEI dome with Torus Ogive WaveGuide and Omnimagnet technology |
| Dual Concentric low frequency | 150 mm (6") multi-fibre paper 44 mm (1.75") voice coil | 150 mm (6") multi-fibre paper 44 mm (1.75") voice coil | 200 mm (8") multi-fibre paper 44 mm (1.75") voice coil | 100 mm (4") multi-fibre paper 32 mm (1.26") voice coil | 100 mm (4") multi-fibre paper 32 mm (1.26") voice coil |
| Bass driver | — | 150 mm (6") multi-fibre paper pulp cone with rubber surround. 44 mm (1.75") edge wound voice coil | 200 mm (8") multi-fibre paper pulp cone with rubber surround. 44 mm (1.75") edge wound voice coil | — | 2 x 100 mm (4") multi-fibre paperpulp cone with rubber surround. 35 mm (1.38") edge wound voice coil |
| Crossover | | | | | |
| Crossover frequency | 1.8 kHz | 250 Hz & 1.8 kHz | 250 Hz & 1.8 kHz | 2.8 kHz | 2.8 kHz |
| Crossover type | Passive low loss 2nd order low pass, 1st order high pass | Passive low loss 2nd order low pass, 1st order high pass | Passive low loss 2nd order low pass, 1st order high pass | Passive low loss 2nd order low pass, 1st order high pass | Passive low loss 2nd order low pass, 1st order high pass |
| Construction | | | | | |
| Enclosure type | Downward ported reflex | Downward ported twin cavity coupled reflex | Downward ported twin cavity coupled reflex | Rear ported reflex | Rear ported reflex |
| Volume | 10.8 l (0.38 cu. ft.) | 30.7 l (1.08 cu. ft.) | 48.8 l (1.72 cu. ft.) | 3.4 l (0.12 cu. ft.) | 7.6 l (0.27 cu. ft.) |
| Dimensions (H x W x D) (incl. plinth) | 400.5 x 221 x 302 mm (15.8 x 8.7 x 11.9") | 1005 x 269 x 317 mm (39.6 x 10.6 x 12.5") | 1080 x 317 x 345 mm (42.5 x 12.5 x 13.6") | 272.2 x 152 x 199.3 mm (10.7 x 6.0 x 7.8") | 176.9 x 450 x 205.6 mm (7.0 x 17.7 x 8.2") |
| Net weight | 8 kg (17.6 lbs) | 17 kg (37.5 lbs) | 21.7 kg (47.8 lbs) | 3.5 kg (7.7 lbs) | 8 kg (17.6 lbs) |
| Finish | Dark Walnut Medium Oak | Dark Walnut Medium Oak | Dark Walnut Medium Oak | Dark Walnut Medium Oak | Dark Walnut Medium Oak |

Other important information

EN Important information

- 1. Register online.** Please register your new MUSIC Group equipment right after you purchase it by visiting tannoy.com. Registering your purchase using our simple online form helps us to process your repair claims more quickly and efficiently. Also, read the terms and conditions of our warranty, if applicable.
- 2. Malfunction.** Should your MUSIC Group Authorized Reseller not be located in your vicinity, you may contact the MUSIC Group Authorized Fulfiller for your country listed under "Support" at tannoy.com. Should your country not be listed, please check if your problem can be dealt with by our "Online Support" which may also be found under "Support" at tannoy.com. Alternatively, please submit an online warranty claim at behringer.com BEFORE returning the product.
- 3. Power Connections.** Before plugging the unit into a power socket, please make sure you are using the correct mains voltage for your particular model. Faulty fuses must be replaced with fuses of the same type and rating without exception.

