

**BOSE**

PROFESSIONAL



# **PowerShare**

## Adaptable Power Amplifiers

PS604D

PS404D

Installation Guide  
Guía de instalación  
Guide d'installation  
Installationsanleitung  
Guida all'installazione  
Installatiehandleiding

Please read and keep all safety and use instructions.

- This product is intended for installation by professional installers only! This document is intended to provide professional installers with basic installation and safety guidelines for this product in typical fixed-installation systems. Please read this document and all safety warnings before attempting installation.
- Read these instructions.
  - Keep these instructions.
  - Heed all warnings.
  - Follow all instructions.
  - Do not use this apparatus near water.
  - Clean only with a dry cloth.
  - Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
  - Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
  - 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.
  - Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
  - Only use attachments/accessories specified by the manufacturer.
  - 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.
  - Unplug this apparatus during lightning storms or when unused for long periods of time.
  - Refer all servicing to qualified 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.

WARNINGS/CAUTIONS:

- 

This symbol on the product means there are important operating and maintenance instructions in this guide.
- 

This symbol on the product means there is uninsulated, dangerous voltage within the product enclosure that may present a risk of electrical shock.
- 

Contains small parts which may be a choking hazard. Not suitable for children under age 3.

All Bose Professional products must be installed in accordance with local, state, federal and industry regulations. It is the installer's responsibility to ensure installation of the loudspeakers and mounting system is performed in accordance with all applicable codes, including local building codes and regulations. Consult the local authority having jurisdiction before installing this product.

Unsafe mounting or overhead suspension of any heavy load can result in serious injury or death, and property damage. It is the installer's responsibility to evaluate the reliability of any mounting method used for their application. Only professional installers with the knowledge of proper hardware and safe mounting techniques should attempt to install any loudspeaker overhead.

Do not mount the product in locations where condensation may occur.

This product is not intended for installation or use in indoor water facility areas (including, without limitation, indoor pools, indoor water parks, hot tub rooms, saunas, steam rooms and indoor skating rinks).

To reduce the risk of fire or electrical shock, do NOT expose this product to rain, liquids or moisture.

Keep the product away from fire and heat sources. Do NOT place naked flame sources, such as lighted candles, on or near the product.

Do NOT make unauthorized alterations to this product.

Do NOT use a power inverter with this product.

Do NOT use in vehicles or boats.

Provide an earth connection or ensure the socket outlet incorporates a protective earthing connection before connecting the plug to the mains socket outlet.

Dansk: Apparatets stikprop skal tilsluttes en stikkontakt med jord, som giver forbindelse til stikproppens jord.

Suomi: Laite on liitettävä suojamaadoituskoskettimilla varustettuun pistorasiaan.

Norsk: Apparatet må tilkoples jordet stikkontakt.

Svenska: Apparaten skall anslutas till jordat uttag.

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

Only use the mounting hardware recommended by the rack manufacturer.

Due to ventilation requirements, Bose Professional does not recommend placing the product in a confined space such as in a wall cavity or in an enclosed cabinet.

Do not place or install the bracket or product near any heat sources, such as fireplaces, radiators, heat registers or other apparatus (including amplifiers) that produce heat.

Do not use hydrocarbon based solvents, lubricants or cleaning agents of any type on or around Bose Professional speakers, and associated mounting hardware, during installation. The use of such hydrocarbon based lubricants, solvents or cleaning agents on or around the mounting anchors and screws can lead to degradation of the plastic material, possibly resulting in cracking and premature failure of the product.

Regulatory Information

**CAN ICES-3 (A)/NMB-3(A)**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

Changes or modifications not expressly approved by Bose Professional could void the user's authority to operate this equipment.

This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

This product meets all EN55103-2 immunity requirements for E2 electromagnetic environment.

Initial turn on inrush current: 11.8 A (230 VAC, 50 Hz), 11.7 A (120 VAC, 60 Hz)

Inrush current after AC mains interruption of 5 seconds: 10.6 A (230 VAC, 50 Hz), 10.8 A (120 VAC, 60 Hz)

 This product conforms to all applicable EU directive requirements. The complete declaration of conformity can be found at the product-specific page: [BoseProfessional.com](#).

 This product conforms to all applicable Electromagnetic Compatibility Regulations 2016 and all other applicable UK regulations. The complete declaration of conformity can be found at the product-specific page: [BoseProfessional.com](#)

 This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling helps protect natural resources, human health and the environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or the shop where you bought this product.

China Restriction of Hazardous Substances Table

| Names and Contents of Toxic or Hazardous Substances or Elements                                                                                                                                                                                                                                                                                                                                                         |           |              |              |                              |                               |                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|--------------|------------------------------|-------------------------------|--------------------------------------------------------------------------------------|
| Toxic or Hazardous Substances and Elements                                                                                                                                                                                                                                                                                                                                                                              |           |              |              |                              |                               |                                                                                      |
| Part Name                                                                                                                                                                                                                                                                                                                                                                                                               | Lead (Pb) | Mercury (Hg) | Cadmium (Cd) | Hexavalent chromium (Cr(VI)) | Polybrominated Biphenyl (PBB) | Polybrominated diphenylether (PBDE)                                                  |
| PCBs                                                                                                                                                                                                                                                                                                                                                                                                                    | X         | 0            | 0            | 0                            | 0                             | 0                                                                                    |
| Metal Parts                                                                                                                                                                                                                                                                                                                                                                                                             | X         | 0            | 0            | 0                            | 0                             | 0                                                                                    |
| Plastic Parts                                                                                                                                                                                                                                                                                                                                                                                                           | 0         | 0            | 0            | 0                            | 0                             | 0                                                                                    |
| Speakers                                                                                                                                                                                                                                                                                                                                                                                                                | X         | 0            | 0            | 0                            | 0                             | 0                                                                                    |
| Cables                                                                                                                                                                                                                                                                                                                                                                                                                  | X         | 0            | 0            | 0                            | 0                             | 0                                                                                    |
| This table is prepared in accordance with the provisions of SJ/T 11364.<br>0: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement of GB/T 26572.<br>X: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement of GB/T 26572. |           |              |              |                              |                               |  |

Taiwan Restriction of Hazardous Substances Table

| Equipment name: PowerShare PS604D/PS404D, Type designation: 813403, 813375                                                                                                                                                            |           |              |              |                            |                                |                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|--------------|----------------------------|--------------------------------|---------------------------------------|
| Restricted substances and its chemical symbols                                                                                                                                                                                        |           |              |              |                            |                                |                                       |
| Unit                                                                                                                                                                                                                                  | Lead (Pb) | Mercury (Hg) | Cadmium (Cd) | Hexavalent chromium (Cr+6) | Polybrominated biphenyls (PBB) | Polybrominated diphenyl ethers (PBDE) |
| PCBs                                                                                                                                                                                                                                  | —         | 0            | 0            | 0                          | 0                              | 0                                     |
| Metal Parts                                                                                                                                                                                                                           | —         | 0            | 0            | 0                          | 0                              | 0                                     |
| Plastic Parts                                                                                                                                                                                                                         | 0         | 0            | 0            | 0                          | 0                              | 0                                     |
| Speakers                                                                                                                                                                                                                              | —         | 0            | 0            | 0                          | 0                              | 0                                     |
| Cables                                                                                                                                                                                                                                | —         | 0            | 0            | 0                          | 0                              | 0                                     |
| Note 1: "0" indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.<br>Note 2: The "—" indicates that the restricted substance corresponds to the exemption. |           |              |              |                            |                                |                                       |

**Date of Manufacture:** The eighth digit in the serial number indicates the year of manufacture; "3" is 2013 or 2023.

**EU Importer:** Transom Post Netherlands B.V., Keizersgracht 391A, 1016 EJ, Amsterdam | **UK Importer:** Transom Post Netherlands UK, Squires House 205a High Street, West Wickham, BR4 0PH | **Japan Importer:** Transom Post International Japan KK Co., Ltd. PMO Tamachi IV Shiba5-29-19, Minato-ku, Tokyo | **Australia Importer:** Transom Post Australia Pty. Ltd., Level 14, 60 Margaret Street, Sydney, NSW 2000 | **China Importer:** Transom Post (Shanghai) Audio Co. Ltd Room 2209, Building 1, 175 Longyao Road, Xuhui District, Shanghai | **Mexico Importer:** POST INTL MEXICO, S. DE R.L. DE C.V. Insurgentes Sur No. 1079, 1st floor, Colonia Noche Buena, Benito Juárez, C.P. 03270, Mexico City | **UAE Importer:** 102 A, Sama Tower Sheikh Zayed Road, Dubai UAE

**Bose Professional**, 117 South St, Hopkinton, MA 01748 USA

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Warranty Information

This product is covered by a limited warranty.  
For warranty details, visit [BoseProfessional.com/Warranty](#).

Please complete and retain for your records.

Serial Number: \_\_\_\_\_  
Model Number: \_\_\_\_\_

**Lea y conserve todas las instrucciones de uso y seguridad.**

Este producto está diseñado para ser instalado únicamente por instaladores profesionales. Este documento está diseñado para proveer las pautas de seguridad e instalación básicas a los instaladores profesionales de este producto en sistemas de instalación fija comunes. Lea este documento y todas las advertencias de seguridad antes de comenzar la instalación.

1. Lea estas instrucciones.
2. Guarde estas instrucciones.
3. Preste atención a las advertencias.
4. Siga todas las instrucciones.
5. No use este aparato cerca del agua.
6. Límpiolo solamente con un paño seco.
7. No obstruya ninguna abertura de ventilación. Realice la instalación conforme a las instrucciones del fabricante.
8. No lo instale cerca de una fuente de calor, como radiadores, rejillas de calefacción, estufas u otros aparatos (incluidos los amplificadores) que produzcan calor.
9. No anule el propósito de seguridad del enchufe con conexión a tierra o polarizado. Un enchufe polarizado tiene dos hojas, una más ancha que la otra. Un enchufe con conexión a tierra tiene dos clavijas planas y un tercer conector a tierra. La clavija plana más ancha o el tercer conector son para su seguridad. Si el enchufe suministrado no encaja en la toma de corriente, consulte con un electricista para cambiar la toma de corriente obsoleta.
10. Proteja el cable de alimentación para que nadie lo pise o lo perforo, especialmente en enchufes, receptáculos de tomas múltiples y en el punto donde sale del dispositivo.
11. Use solamente los accesorios especificados por el fabricante.
12.  Use solamente con el carro, el soporte de piso, el trípode, el soporte o la mesa especificados por el fabricante o vendidos con el dispositivo. Cuando se usa un carro, tenga precaución al moverlo con el dispositivo para evitar lesiones por tropiezos.
13. Desenchufe este aparato durante tormentas eléctricas o cuando no lo utilice durante períodos prolongados.
14. Derive todas las tareas de mantenimiento a personal calificado. Se requieren tareas de mantenimiento si el aparato se daña de alguna manera; por ejemplo, si se daña el enchufe o el cable de alimentación, si se derrama líquido o si caen objetos dentro del aparato, si se expone el aparato a la lluvia o la humedad, si no funciona normalmente o si se ha caído.

**ADVERTENCIAS/PRECAUCIONES:**

Este símbolo en el producto indica que en esta guía se incluyen instrucciones de mantenimiento y funcionamiento importantes.



Este símbolo en el producto indica que hay voltaje peligroso y sin aislamiento dentro de la carcasa del producto, lo cual podría representar un riesgo de descarga eléctrica.



Contiene piezas pequeñas que pueden provocar asfixia. No recomendable para niños menores de 3 años.

Todos los productos Bose Professional deben instalarse conforme a las leyes locales, estatales, federales y del sector. Es responsabilidad del instalador garantizar que la instalación del sistema de soporte y los altavoces se realice conforme a los códigos aplicables, incluidos los códigos y las reglamentaciones de construcción locales. Consulte a la autoridad local competente antes de instalar este producto.

El montaje inseguro o la suspensión en alturas de cualquier carga pesada puede provocar lesiones graves o la muerte, además de daños a la propiedad. Es responsabilidad del instalador evaluar la confiabilidad de cualquier método de montaje utilizado para su aplicación. Únicamente los instaladores profesionales con conocimiento de las herramientas adecuadas y las técnicas de montaje seguro deberían intentar instalar cualquier altavoz en altura.

No monte el producto en lugares donde se pueda generar condensación.

Este producto no se ha diseñado para instalar o utilizar en áreas acuáticas recreativas de interior (incluidas, entre otras, piscinas de interior, parques acuáticos de interior, salas de baño caliente, saunas, cuartos de vapor y pistas de patinaje de interior).

Para reducir el riesgo de incendio o descarga eléctrica, NO exponga este producto a la lluvia, líquidos o humedad.

Mantenga el producto lejos del fuego y de fuentes de calor. NO coloque encima ni cerca del producto fuentes de llamas de fuego expuestas, como velas encendidas.

NO realice alteraciones no autorizadas a este producto.

NO use un convertidor de corriente con este producto.

NO lo use en vehículos o embarcaciones.

Proporcione una conexión a tierra o asegúrese de que la toma de corriente incorpore una conexión a tierra protegida antes de conectar el enchufe a la toma de corriente de la red eléctrica.

Si se utiliza la clavija de conexión de red eléctrica o el acoplador del artefacto como dispositivo de desconexión, este deberá permanecer listo para funcionar.

Utilice únicamente los componentes físicos de montaje incluidos en este producto.

Debido a los requisitos de ventilación, Bose Professional no recomienda colocar el producto en espacios reducidos como una cavidad de pared o un gabinete cerrado.

No instale ni coloque el soporte ni el producto cerca de fuentes de calor, como chimeneas, radiadores, rejillas de calefacción u otros aparatos (incluidos amplificadores) que produzcan calor.

No utilice ningún tipo de solventes, lubricantes ni productos de limpieza a base de hidrocarburos sobre los altavoces Bose Professional o los accesorios de montaje asociados durante la instalación. El uso de dichos solventes, lubricantes o productos de limpieza sobre los anclajes de montaje y los tornillos puede degradar el material plástico, lo que posiblemente ocasione grietas y fallas prematuras del producto.

**Información regulatoria****CAN ICES-3 (A)/NMB-3(A)**

Este dispositivo cumple con la parte 15 de las reglas de la FCC. El funcionamiento está sujeto a las siguientes dos condiciones: (1) este dispositivo no debe provocar interferencias dañinas y (2) este dispositivo debe aceptar cualquier interferencia recibida, incluida la interferencia que puede causar un funcionamiento no deseado.

NOTA: Este equipo ha sido sometido a pruebas y se ha comprobado que cumple con los límites de un dispositivo digital Clase A, de acuerdo con la Parte 15 de las reglas de la FCC. Estos límites están diseñados para proporcionar una protección razonable contra interferencias perjudiciales cuando el equipo se utiliza en un entorno comercial. Este equipo genera, usa y puede irradiar energía de radiofrecuencia y, si no se instala y se usa conforme a lo indicado en el manual de instrucciones, podría causar una interferencia perjudicial a las comunicaciones de radio. El funcionamiento de este equipo en un área residencial podría llegar a provocar interferencias perjudiciales, en cuyo caso el usuario deberá corregir dichas interferencias por cuenta propia.

Los cambios o las modificaciones no aprobadas expresamente por Bose Professional podrían invalidar la autoridad del usuario para operar el equipo.

Este es un producto Clase A. En un entorno doméstico, es posible que el producto ocasione interferencia de radio, en cuyo caso el usuario puede que deba tomar las medidas adecuadas.

Este producto cumple con todos los requisitos de inmunidad de EN55103-2 para un entorno electromagnético E2.

Corriente inicial de encendido: 11.8 A (230 VAC, 50 Hz), 11.7 A (120 VAC, 60 Hz)

Corriente inicial tras 5 segundos de interrupción de suministro de CA: 10.6 A (230 VAC, 50 Hz), 10.8 A (120 VAC, 60 Hz)



Este producto cumple con todos los requisitos correspondientes de la directiva de la UE. La declaración de conformidad completa se puede encontrar en la página específica del producto: [BoseProfessional.com](https://www.boseprofessional.com)



Este producto cumple con todas las Normas de Compatibilidad Electromagnética aplicables del 2016 y las demás normativas aplicables del Reino Unido. La declaración de conformidad completa se puede encontrar en la página específica del producto: [BoseProfessional.com](https://www.boseprofessional.com)



Este símbolo significa que el producto no debe desecharse como residuo doméstico y debe enviarse a una planta para tratamiento de residuos apropiada para su reciclado. Una eliminación y un reciclado adecuados ayudan a proteger los recursos naturales, la salud humana y el medioambiente. Para obtener más información acerca de la eliminación y el reciclado de este producto, comuníquese con su municipalidad local, un centro de servicios de desecho o la tienda donde compró este producto.

**Fecha de fabricación:** El octavo dígito del número de serie indica el año de fabricación; p. ej., "3" es 2013 o 2023.

**Importador en la UE:** Transom Post Netherlands B.V., Keizersgracht 391A, 1016 EJ, Amsterdam | **Importador en el Reino Unido:** Transom Post Netherlands UK, Squires House 205a High Street, West Wickham, BR4 0PH | **Importador de Japón:** Transom Post International Japan KK Co., Ltd. PMO Tamachi IV Shiba5-29-19, Minato-ku, Tokio | **Importador en Australia:** Transom Post Australia Pty. Ltd., Level 14, 60 Margaret Street, Sydney, NSW 2000 | **Importador de China:** Transom Post (Shanghai) Audio Co. Ltd Room 2209, Building 1, 175 Longyao Road, Xuhui District, Shanghai | **Importador de México:** POST INTL MEXICO, S. DE R.L. DE C.V. Insurgentes Sur n.º 1079, piso 1, Colonia Noche Buena, Benito Juárez, C.P. 03270, Ciudad de México | **Importador de Emiratos Árabes Unidos:** 102 A, Sama Tower Sheikh Zayed Road, Dubái, Emiratos Árabes Unidos

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**Información de la garantía**

Este producto está cubierto con una garantía limitada.  
Para obtener información sobre la garantía, visite [BoseProfessional.com/Warranty](https://www.boseprofessional.com/Warranty).

**Complete y conserve esto en sus archivos.**

Número de serie: \_\_\_\_\_  
Número de modelo: \_\_\_\_\_

**Merci de lire et de conserver le manuel d'instruction et de respecter les consignes de sécurité.**

Ce produit doit être installé par un technicien professionnel ! Ce document est destiné à fournir aux techniciens professionnels les directives de montage et de sécurité relatives à ce produit dédié à une installation fixe. Veuillez lire ce document, ainsi que l'ensemble des avertissements de sécurité avant de procéder à l'installation.

1. Veuillez lire ces consignes.
2. Veuillez conserver ces consignes.
3. Respectez tous les avertissements.
4. Suivez toutes les consignes.
5. N'utilisez pas cet appareil à proximité d'eau ou de toute autre source d'humidité.
6. Utilisez uniquement un chiffon sec pour le nettoyage.
7. Ne bloquez jamais les orifices d'aération. Suivez les instructions du fabricant pour l'installation.
8. N'installez pas cet appareil à proximité d'une quelconque source de chaleur, telle qu'un radiateur, une arrivée d'air chaud, un four ou tout autre appareil (notamment les amplificateurs) produisant de la chaleur.
9. Veillez à profiter de la sécurité offerte par les installations de type terre ou polarisées. Les fiches polarisées sont équipées de deux bornes de largeurs différentes. Les fiches de type terre sont équipées de deux bornes et d'un orifice pour la mise à la terre. Ces deux types de dispositifs ont pour but d'assurer votre sécurité. Si la prise fournie ne s'adapte pas à votre prise de courant, consultez un électricien pour qu'il remplace cette prise obsolète.
10. Protégez le cordon d'alimentation contre les risques de piétinement ou de pincement, notamment au niveau des fiches, des prises de courant et des branchements à l'appareil.
11. Utilisez uniquement les accessoires spécifiés par le fabricant.
12.  Utilisez uniquement le chariot, le support, le trépied, l'équerre ou la table spécifié(e) par le fabricant ou vendu(e) avec l'appareil. Si vous utilisez un chariot, faites attention à ne pas faire basculer l'ensemble chariot/appareil.
13. Débranchez cet appareil pendant les orages ou au cours des longues périodes de non-utilisation.
14. Confiez toute réparation à du personnel qualifié. Une réparation est nécessaire lorsque l'appareil a été endommagé de quelque façon que ce soit (endommagement du cordon d'alimentation ou de la fiche électrique, renversement d'un liquide ou de tout objet sur l'appareil, exposition de l'appareil à la pluie ou à l'humidité, mauvais fonctionnement, chute de l'appareil, etc.).

**AVERTISSEMENTS/PRÉCAUTIONS :**

Ce symbole sur le produit signale les instructions importantes mentionnées dans le guide d'installation, relatives au fonctionnement et à l'entretien de l'appareil.



Ce symbole sur le produit indique la présence d'une tension électrique dangereuse non isolée à l'intérieur de l'appareil, susceptible d'induire un risque de décharge électrique.



Certaines petites pièces présentent un risque de suffocation. Ne les laissez pas à la portée des enfants de moins de 3 ans.

Tous les produits Bose Professional doivent être installés dans le respect des réglementations locales et nationales. L'installateur est responsable du respect de tous les codes et règlements locaux et nationaux en vigueur applicables à l'installation et au montage des enceintes. Consultez les autorités locales compétentes avant d'installer ce produit.

Tout montage non sécurisé d'une lourde charge peut provoquer des dégâts matériels et des blessures graves, voire la mort. Il en va de la responsabilité de l'installateur d'évaluer la fiabilité de la méthode de montage utilisée, en fonction de l'application. Seul un installateur professionnel connaissant les accessoires et techniques de montage adaptés est qualifié pour installer des enceintes suspendues.

Ne montez pas le produit dans des endroits où de la condensation peut se former.

Ce produit n'est pas destiné à être monté ou utilisé dans des installations humides en intérieur (par exemple piscine intérieure, parc aquatique intérieur, baignoire à remous, sauna, hammam, patinoire intérieure, etc.).

Pour limiter les risques d'incendie ou d'électrocution, n'exposez PAS cet appareil à la pluie, à toutes formes de liquides ou à l'humidité.

Tenez le produit à l'écart du feu et des sources de chaleur. Ne placez JAMAIS d'objets enflammés, tels que des bougies allumées, sur l'appareil ou à proximité.

Veillez à NE PAS effectuer de modifications non autorisées sur ce produit.

Veillez à NE PAS utiliser un convertisseur continu-alternatif avec ce produit.

Veillez à NE PAS utiliser cet appareil dans des véhicules ou des bateaux.

Avant de brancher l'appareil à une prise de courant électrique, vérifiez que celle-ci soit bien raccordée à la terre ou qu'elle est dotée d'une protection par mise à la terre.

Lorsque l'alimentation de secteur ou la prise multiple est utilisée comme dispositif de débranchement de l'appareil, le dispositif de débranchement doit rester facilement accessible.

Utilisez uniquement les accessoires de montage fournis avec ce produit.

Pour assurer une ventilation correcte, Bose Professional déconseille de placer ce produit dans un espace confiné tel qu'une cavité murale ou un placard fermé.

N'installez pas le support ou le produit à proximité d'une source de chaleur, telle qu'une cheminée, un radiateur, une arrivée d'air chaud ou tout autre appareil (notamment les amplificateurs) produisant de la chaleur.

N'utilisez aucun type de solvant, d'huile de graissage ou de produit de nettoyage à base d'hydrocarbure sur ou autour des enceintes Bose Professional et du matériel de montage associé pendant l'installation. L'utilisation de ces solvants, huiles de graissage et produits de nettoyage à base d'hydrocarbure sur ou autour des fixations de montage et des vis peut entraîner une dégradation du matériel en plastique et occasionner de potentielles fissures ou une défaillance prématurée du produit.

**Informations réglementaires****CAN ICES-3 (A)/NMB-3(A)**

Cet appareil est conforme à la partie 15 de la réglementation de la FCC. Son fonctionnement repose sur les deux conditions suivantes : (1) cet appareil ne doit pas provoquer d'interférences et (2) cet appareil doit tolérer les interférences externes, y compris celles qui peuvent provoquer un fonctionnement anormal.

REMARQUE : Ce matériel a fait l'objet de tests prouvant sa conformité aux limites imposées aux appareils numériques de classe A, conformément à la partie 15 des réglementations de la FCC. Ces limites sont conçues pour offrir une protection raisonnable contre les interférences nuisibles lorsque l'appareil est utilisé en environnement commercial. Cet appareil génère, utilise et est susceptible d'émettre de l'énergie à certaines fréquences radio. À ce titre, s'il n'est pas installé ou utilisé conformément aux instructions, il est susceptible de perturber les communications radio. L'utilisation de cet équipement dans une zone résidentielle risque de provoquer des interférences nuisibles, auquel cas l'utilisateur devra remédier au problème à ses propres frais.

Toute modification non autorisée expressément par Bose Professional est susceptible d'annuler le droit de l'utilisateur à utiliser cet appareil.

Ceci est un produit de catégorie A. Dans un environnement domestique, ce produit peut provoquer des interférences radio, auquel cas l'utilisateur devra prendre des mesures adéquates.

Ce produit répond aux critères d'immunité de la norme EN55103-2 pour les environnements électromagnétiques classés E2.

Courant d'appel à la mise sous tension : 11.8 A (230 VAC, 50 Hz), 11.7 A (120 VAC, 60 Hz)

Courant d'appel après une interruption de 5 secondes de l'alimentation secteur : 10.6 A (230 VAC, 50 Hz), 10.8 A (120 VAC, 60 Hz)



Ce produit est conforme à toutes les directives en vigueur de l'Union européenne. La déclaration de conformité complète est disponible sur la page spécifique au produit : **BoseProfessional.com**



Ce produit est conforme à toutes les règles sur la comptabilité électromagnétique de 2016 applicables et à toutes les autres réglementations britanniques en vigueur. La déclaration de conformité complète est disponible sur la page spécifique au produit : **BoseProfessional.com**



Ce symbole signifie que le produit ne doit pas être jeté avec les déchets ménagers, mais doit être déposé dans un centre de collecte approprié pour recyclage. La mise au rebut adéquate et le recyclage permettent de protéger les ressources naturelles, la santé humaine et l'environnement. Pour plus d'informations sur l'élimination et le recyclage de ce produit, contactez votre mairie, votre service d'enlèvement des ordures ou le magasin où vous avez acheté ce produit.

**Date de fabrication :** Le huitième chiffre du numéro de série indique l'année de fabrication ; par exemple, « 3 » correspond à 2013 ou à 2023.

**Importateur pour l'UE :** Transom Post Netherlands B.V., Keizersgracht 391A, 1016 EJ, Amsterdam | **Importateur pour le Royaume-Uni :** Transom Post Netherlands UK, Squires House 205a High Street, West Wickham, BR4 0PH | **Importateur pour le Japon :** Transom Post International Japan KK Co., Ltd. PMO Tamachi IV Shiba5-29-19, Minato-ku, Tokyo | **Importateur pour l'Australie :** Transom Post Australia Pty. Ltd., Level 14, 60 Margaret Street, Sydney, NSW 2000 | **Importateur pour la Chine :** Transom Post (Shanghai) Audio Co. Ltd Room 2209, Building 1, 175 Longyao Road, Xuhui District, Shanghai | **Importateur pour le Mexique :** POST INTL MEXICO, S. DE R.L. DE C.V. Insurgentes Sur No. 1079, 1st floor, Colonia Noche Buena, Benito Juárez, C.P. 03270, Mexico City | **Importateur pour les Émirats arabes unis :** 102 A, Sama Tower Sheikh Zayed Road, Dubai UAE

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**Informations relatives à la garantie**

Cet appareil est couvert par une garantie limitée.

Pour en savoir plus sur la garantie, consultez la page **BoseProfessional.com/Warranty**.

**Renseignements à noter et conserver.**

Numéro de série : \_\_\_\_\_

Numéro de modèle : \_\_\_\_\_

## Bitte lesen Sie alle Sicherheitshinweise und Gebrauchsanleitungen durch und bewahren Sie sie auf.

**Dieses Produkt darf nur von fachkundigen Monteuren installiert werden!** Dieses Dokument soll fachkundigen Monteuren grundlegende Installations- und Sicherheitsrichtlinien für dieses Produkt in typischen Festinstallationsystemen bieten. Bitte lesen Sie dieses Dokument und alle Sicherheitshinweise vor der Installation durch.

1. Lesen Sie die folgenden Anweisungen.
2. Bewahren Sie die Anweisungen auf.
3. Beachten Sie alle Warn- und Sicherheitshinweise.
4. Befolgen Sie alle Anweisungen.
5. Verwenden Sie dieses Gerät nicht in der Nähe von Wasser.
6. Reinigen Sie das Gerät nur mit einem sauberen, trockenen Tuch.
7. Achten Sie darauf, dass die Lüftungsöffnungen nicht blockiert sind. Stellen Sie das Gerät nur in Übereinstimmung mit den Herstelleranweisungen auf.
8. Stellen Sie das Gerät nicht in der Nähe von Wärmequellen auf, wie zum Beispiel Heizkörpern, Wärmespeichern, Öfen oder anderen Geräten (auch Verstärkern), die Wärme erzeugen.
9. Achten Sie darauf, dass die Schutzfunktion des Schutzkontaktsteckers nicht beeinträchtigt wird. Ein gepolter Stecker hat zwei Stromkontakte, von denen einer breiter als der andere ist. Ein Schutzkontaktstecker hat zwei Stromkontakte und einen dritten Erdungskontakt. Der breitere bzw. dritte Kontakt dient Ihrer Sicherheit. Falls der mitgelieferte Stecker nicht in Ihre Steckdose passt, wenden Sie sich an einen qualifizierten Elektriker, um die Steckdose auszutauschen.
10. Verlegen Sie das Netzkabel so, dass es keine Stolpergefahr darstellt und nicht beschädigt werden kann – insbesondere im Bereich von Steckern und Steckdosen und dort, wo das Netzkabel aus dem Gerät herausgeführt wird.
11. Verwenden Sie nur Zubehör-/Anbauteile, die vom Hersteller zugelassen sind.
12.  Verwenden Sie für das Gerät nur Rollwagen, Ständer, Dreibeine, Halterungen oder Tische, die vom Hersteller zugelassen sind oder zusammen mit dem Gerät verkauft werden. Falls Sie einen Rollwagen verwenden, dürfen Sie die Einheit aus Gerät und Rollwagen nur mit Vorsicht bewegen, damit Verletzungen durch ein mögliches Umkippen ausgeschlossen sind.
13. Ziehen Sie das Netzkabel bei Gewitter oder bei längerer Nichtbenutzung des Gerätes aus der Steckdose.
14. Lassen Sie jegliche Reparatur- und Wartungsarbeiten nur von qualifiziertem Fachpersonal durchführen. Wartungsarbeiten sind in folgenden Fällen nötig: bei jeglichen Beschädigungen wie z. B. des Netzkabels oder Netzsteckers, wenn Flüssigkeiten oder Gegenstände in das Gehäuse gelangt sind, das Gerät Regen oder Feuchtigkeit ausgesetzt wurde, fallen gelassen wurde oder nicht ordnungsgemäß funktioniert.

### WARNHINWEISE:



Dieser Warnhinweis auf dem Produkt weist auf wichtige Bedien- und Wartungsinformationen in dieser Anleitung hin.



Dieser Warnhinweis auf dem Produkt warnt vor nicht isolierten gefährlichen Spannungsquellen im Inneren des Produktes, die ein Stromschlagrisiko darstellen können. Es besteht die Gefahr von Stromschlägen!



Enthält kleine Teile, die verschluckt werden können und eine Erstickungsgefahr darstellen. Nicht geeignet für Kinder unter drei Jahren.

Alle Produkte von Bose Professional müssen gemäß den örtlichen und staatlichen Vorschriften sowie gemäß allen Branchenbestimmungen installiert werden. Der Monteur ist dafür verantwortlich, sicherzustellen, dass die Installation der Lautsprecher und der Halterung gemäß allen geltenden Vorschriften durchgeführt wird, einschließlich örtlicher Bauvorschriften und -bestimmungen. Wenden Sie sich vor der Installation dieses Produkts an die zuständige abnehmende Behörde.

Eine unsichere Befestigung schwerer Lasten oder deren Aufhängung über Kopf kann zu schweren oder tödlichen Verletzungen und Sachschäden führen. Der Monteur ist dafür verantwortlich, die Zuverlässigkeit der für die Anwendung verwendeten Befestigungstechniken zu prüfen. Nur fachkundige Monteure mit Wissen über sachgemäße Befestigungselemente und sichere Befestigungstechniken sollten Lautsprecher über Kopf installieren.

Montieren Sie das Produkt nicht an Orten, an denen Kondenswasser auftreten kann.

Dieses Produkt ist nicht für die Installation oder Verwendung in Bereichen mit Wassereintritten in Innenräumen (zum Beispiel Schwimmbädern, Wasserparks, Räume mit Whirlpools, Saunas, Dampfbäder und Eislaufbahnen) gedacht.

Um Brände und Stromschläge zu vermeiden, darf dieses Produkt NICHT Regen, Flüssigkeiten oder Feuchtigkeit ausgesetzt werden.

Halten Sie das Produkt von Feuer und Wärmequellen fern. Stellen Sie KEINE brennenden Kerzen oder ähnliches auf das Gerät oder in die Nähe des Geräts.

Nehmen Sie KEINE nicht genehmigten Änderungen an diesem Produkt vor.

Benutzen Sie das Produkt NICHT mit einem Wechselrichter.

Verwenden Sie das Produkt NICHT in Fahrzeugen oder Booten.

Nutzen Sie einen Erdungsanschluss oder stellen Sie sicher, dass an der Steckdose ein Erdungsschutz vorliegt, bevor Sie den Netzstecker an die Steckdose anschließen.

Falls Sie den Netzstecker oder eine Mehrfachsteckdose verwenden, um das Gerät von der Stromversorgung zu trennen, sollten Sie sicherstellen, dass Sie jederzeit auf den Stecker zugreifen können.

Verwenden Sie nur die mit diesem Produkt mitgelieferten Befestigungsmittel.

Aufgrund der Belüftungsanforderungen sollten Sie das Produkt nicht in einem geschlossenen Raum, zum Beispiel in einer Wandnische oder in einem geschlossenen Schrank, aufstellen.

Montieren oder platzieren Sie das Gerät nicht in der Nähe von Wärmequellen wie Heizkörpern, Wärmespeichern oder anderen Geräten.

Verwenden Sie keine auf Kohlenwasserstoff basierenden Lösungsmittel, Schmiermittel oder Reinigungsmittel am oder in der Nähe des Bose Professional Lautsprechers oder während der Installation mit dem zugehörigen Montagematerial. Diese Mittel können den Kunststoff des Lautsprechers und der Montagevorrichtungen angreifen und zu Rissen im Material und somit zu einem (vorzeitigen) Produktdefekt führen.

### Gesetzliche Hinweise

#### CAN ICES-3 (A)/NMB-3(A)

Dieses Gerät erfüllt die Bestimmungen in Teil 15 der FCC-Vorschriften. Der Betrieb unterliegt den beiden folgenden Bedingungen: (1) dieses Gerät darf keine Störungen verursachen und (2) dieses Gerät muss jegliche Störungen tolerieren, einschließlich Störungen, die zu unerwünschten Betriebsstörungen führen.

**HINWEIS:** Dieses Gerät wurde geprüft. Es stimmt mit den Regelungen für Geräte der Klasse A gemäß Teil 15 der FCC-Vorschriften überein. Diese Grenzwerte sollen einen angemessenen Schutz gegen elektromagnetische Störungen beim Betrieb in gewerblicher Umgebung gewährleisten. Dieses Gerät erzeugt und verwendet Hochfrequenzstrahlung und kann sie auch aussenden. Daher verursacht das Gerät, wenn die Installation und Benutzung nicht in Übereinstimmung mit dieser Bedienungsanleitung erfolgt, möglicherweise Störungen des Funkverkehrs. Beim Betrieb dieses Geräts in Wohngebieten können erhebliche Störungen des Funkverkehrs verursacht werden. Eventuell daraus entstehende Kosten trägt allein der Benutzer des Geräts.

Veränderungen am Gerät, die nicht durch die Bose Professional autorisiert wurden, können zur Folge haben, dass die Betriebserlaubnis für das Gerät erlischt.

Dies ist ein Produkt der Klasse A. Das Produkt kann im Wohnbereich Funkstörungen verursachen. In diesem Fall kann es für den Betreiber erforderlich sein, entsprechende Maßnahmen zu ergreifen.

Dieses Produkt erfüllt alle Anforderungen nach EN55103-2 für elektromagnetische Verträglichkeit.

Anfänglicher Einschaltstrom: 11.8 A (230 VAC, 50 Hz), 11.7 A (120 VAC, 60 Hz)

Einschaltstrom nach 5 Sekunden Unterbrechung des Netzanschlusses: 10.6 A (230 VAC, 50 Hz), 10.8 A (120 VAC, 60 Hz)



Dieses Produkt entspricht allen Anforderungen der geltenden EU-Richtlinien. Die vollständige Konformitätserklärung finden Sie auf der entsprechenden Produktseite unter: <https://www.boseprofessional.com>



Dieses Produkt erfüllt alle geltenden Vorschriften der elektromagnetischen Kompatibilität 2016 sowie alle weiteren geltenden britischen Vorschriften. Die vollständige Konformitätserklärung finden Sie auf der entsprechenden Produktseite unter: <https://www.boseprofessional.com>



Dieses Symbol bedeutet, dass das Produkt nicht mit dem Hausmüll entsorgt werden darf, sondern bei einer geeigneten Sammelstelle für das Recycling abgegeben werden muss. Die ordnungsgemäße Entsorgung und das Recycling tragen dazu bei, die natürlichen Ressourcen, die Gesundheit und die Umwelt zu schützen.

Weitere Informationen zur Entsorgung und zum Recycling dieses Produkts erhalten Sie von Ihrer zuständigen Kommune, Ihrem Entsorgungsdienst oder dem Geschäft, in dem Sie dieses Produkt gekauft haben.

**Herstellungsdatum:** Die achte Ziffer in der Seriennummer gibt das Herstellungsjahr an: „3“ ist 2013 oder 2023.

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#### Garantiehinweise

Für dieses Produkt gilt eine eingeschränkte Garantie. Einzelheiten zur Garantie finden Sie unter [BoseProfessional.com/Warranty](https://www.boseprofessional.com/Warranty).

#### Bitte ausfüllen und aufbewahren.

Seriennummer: \_\_\_\_\_  
Modellnummer: \_\_\_\_\_

## Leggere e conservare tutte le istruzioni per la sicurezza e per l'uso.

Questo prodotto deve essere installato esclusivamente da installatori professionisti. Il presente documento ha lo scopo di fornire agli installatori professionisti le istruzioni di base per l'installazione e la sicurezza del prodotto in tipici impianti da installazione fissa. Prima dell'installazione, leggere questo documento e le avvertenze sulla sicurezza.

1. Leggere queste istruzioni.
2. Conservare queste istruzioni.
3. Prestare attenzione a tutte le avvertenze.
4. Seguire tutte le istruzioni.
5. Non utilizzare l'apparecchio in prossimità di acqua.
6. Per la pulizia utilizzare un semplice panno asciutto.
7. Non ostruire le aperture di ventilazione. Installare il prodotto in conformità con le istruzioni fornite dal produttore.
8. Non installare in prossimità di fonti di calore, quali termosifoni, radiatori, stufe o altri apparecchi (compresi gli amplificatori) che generino calore.
9. Non danneggiare le parti di sicurezza della spina polarizzata o con messa a terra. Una spina polarizzata è dotata di due poli, uno più largo dell'altro. Una spina con messa a terra è dotata di due poli e di un terzo terminale di massa. Il polo più largo e il terzo terminale sono presenti per sicurezza. Se la spina in dotazione non è adatta alla presa, rivolgersi a un elettricista per la sostituzione della presa obsoleta.
10. Evitare che il cavo di alimentazione venga calpestato o schiacciato, soprattutto in corrispondenza di spine, prese e nel punto di uscita dell'apparecchio.
11. Utilizzare solo sistemi di fissaggio/accessori specificati dal produttore.
12.  Utilizzare solo carrelli, supporti, treppiedi, staffe o tavoli specificati dal produttore o venduti insieme all'apparecchio. Quando si utilizza un carrello, prestare attenzione durante lo spostamento dell'insieme carrello/apparecchio per evitare di rovesciarlo causando danni.
13. Scollegare l'apparecchio durante i temporali o quando non utilizzato per lunghi periodi di tempo.
14. Affidarsi a personale qualificato per tutti gli interventi di assistenza. Gli interventi di assistenza si rendono necessari in caso di danni di qualsiasi tipo all'apparecchio; ad esempio se il cavo di alimentazione o la spina sono danneggiati, se è stato versato liquido o sono caduti oggetti sull'apparecchio, se l'apparecchio è stato esposto a pioggia o umidità, se non funziona normalmente o è caduto.

## AVVISI/AVVERTENZE:



Questo simbolo sul prodotto segnala istruzioni importanti di funzionamento e di manutenzione presenti in questa guida.



Questo simbolo sul prodotto indica la presenza di tensioni pericolose non isolate all'interno del telaio del prodotto e del conseguente rischio di scosse elettriche.



Contiene pezzi di piccole dimensioni che possono rappresentare un pericolo di soffocamento. Non adatto per bambini di età inferiore a 3 anni.

Tutti i prodotti Bose Professional devono essere installati in conformità con gli standard locali, statali, federali e di settore. È responsabilità dell'installatore assicurare che l'installazione dei diffusori e del sistema di montaggio venga eseguita in conformità con le normative vigenti, compresi i regolamenti edilizi locali. Prima di installare il prodotto, chiedere informazioni all'autorità locale preposta.

L'installazione non sicura o la sospensione di carichi pesanti può causare gravi lesioni alle persone e danni alle cose. È responsabilità dell'installatore valutare l'affidabilità del metodo di installazione utilizzato per l'applicazione specifica. L'installazione di un diffusore in posizione elevata può essere affidata solo ad installatori professionisti esperti di tecniche di montaggio sicuro dell'hardware.

Non posizionare il prodotto in punti dove potrebbe formarsi condensa.

Questo prodotto non deve essere installato o utilizzato in aree di servizio o intrattenimento vicine all'acqua (ad esempio, piscine coperte, parchi acquatici al chiuso, sale con vasche riscaldate, saune, bagni turchi e piste di pattinaggio al chiuso).

Per ridurre il rischio di incendio o scosse elettriche, questo prodotto NON deve essere esposto a pioggia, liquidi o umidità. Tenere il prodotto lontano dal fuoco e da fonti di calore. NON collocare sorgenti di fiamme libere (ad esempio, candele accese) sul prodotto o in prossimità di esso.

NON apportare alterazioni non autorizzate al prodotto.

NON utilizzare inverter di potenza con questo prodotto.

NON utilizzare all'interno di veicoli o imbarcazioni.

Dotare la presa di messa a terra oppure accertarsi che la stessa sia dotata di messa a terra di protezione prima di collegare la spina di alimentazione.

La spina dell'alimentazione o dell'accoppiatore deve essere raggiungibile facilmente e rapidamente se utilizzata come dispositivo di spegnimento.

Utilizzare unicamente gli accessori di montaggio forniti con il prodotto.

A causa dei requisiti di ventilazione, Bose Professional sconsiglia di posizionare il prodotto in spazi chiusi o angusti, ad esempio nicchie a parete o armadietti.

Non posizionare o installare la staffa o il prodotto in prossimità di fonti di calore, quali caminetti, termosifoni, radiatori o altri apparati (inclusi amplificatori) che emettano calore.

Non utilizzare solventi a base di idrocarburi, lubrificanti o detergenti di qualunque tipo su o intorno ai diffusori Bose Professional e sui relativi hardware di montaggio durante l'installazione. L'impiego di detergenti, lubrificanti e solventi a base di idrocarburi su o intorno a viti ed elementi di ancoraggio può danneggiare i materiali plastici e provocare spaccature e danni prematuri del prodotto.

## Informazioni sulle normative

### CAN ICES-3 (A)/NMB-3(A)

Questo dispositivo è conforme alla parte 15 delle Norme FCC. Il funzionamento è soggetto alle due seguenti condizioni: (1) il dispositivo non può causare interferenze dannose e (2) deve accettare le interferenze ricevute, incluse quelle che potrebbero causare un funzionamento indesiderato del dispositivo.

NOTA: Questa apparecchiatura è stata sottoposta a collaudo ed è risultata conforme ai limiti relativi ai dispositivi digitali di Classe A previsti dalla Parte 15 delle norme FCC. Tali limiti sono stati fissati allo scopo di assicurare un'adeguata protezione da interferenze nocive quando l'apparecchiatura è utilizzata in un'installazione commerciale. Questa apparecchiatura genera, utilizza e può irradiare energia a radiofrequenza e, se non installata e utilizzata in conformità con il manuale di istruzioni, può causare interferenze con le locali comunicazioni radiofoniche. L'utilizzo di questa apparecchiatura in un'area residenziale può provocare interferenze nocive, nel qual caso l'utente dovrà adottare misure correttive a proprie spese.

Eventuali modifiche o alterazioni non espressamente approvate da Bose Professional possono rendere nulla l'autorizzazione dell'utente all'utilizzo dell'apparecchiatura stessa.

Prodotto di Classe A. In ambienti domestici, il prodotto può causare interferenze radio che potrebbero richiedere misure adeguate da parte dell'utente.

Il prodotto è conforme a tutti i requisiti di immunità EN55103-2 per ambienti elettromagnetici di tipo E2.

Corrente di spunto iniziale all'accensione: 11.8 A (230 VAC, 50 Hz), 11.7 A (120 VAC, 60 Hz)

Corrente di spunto dopo 5 secondi di interruzione dell'alimentazione CA: 10.6 A (230 VAC, 50 Hz), 10.8 A (120 VAC, 60 Hz)



Questo prodotto è conforme a tutti i requisiti delle direttive UE pertinenti. La dichiarazione di conformità completa è disponibile nella pagina specifica dei prodotti: [BoseProfessional.com](https://www.boseprofessional.com)



Questo prodotto è conforme a tutte le normative sulla compatibilità elettromagnetica applicabili del 2016 e a tutte le altre normative applicabili del Regno Unito. La dichiarazione di conformità completa è disponibile nella pagina specifica dei prodotti: [BoseProfessional.com](https://www.boseprofessional.com)



Questo simbolo indica che il prodotto non deve essere smaltito con i rifiuti domestici, ma deve essere consegnato a una struttura di raccolta appropriata per il riciclaggio. Uno smaltimento e un riciclo corretti aiutano a preservare le risorse naturali, la salute e l'ambiente. Per ulteriori informazioni sullo smaltimento e sul riciclo di questo prodotto, rivolgersi alle autorità locali, al servizio di smaltimento dei rifiuti o al negozio presso il quale è stato acquistato.

**Data di produzione:** l'ottava cifra del numero di serie corrisponde all'anno di produzione; ad esempio "3" indica 2013 o 2023.

**Importatore per l'UE:** Transom Post Netherlands B.V., Keizersgracht 391A, 1016 EJ, Amsterdam | **Importatore per il Regno Unito:** Transom Post Netherlands UK, Squires House 205a High Street, West Wickham, BR4 0PH | **Importatore per il Giappone:** Transom Post International Japan KK Co., Ltd. PMO Tamachi IV Shiba5-29-19, Minato-ku, Tokyo | **Importatore per l'Australia:** Transom Post Australia Pty. Ltd., Level 14, 60 Margaret Street, Sydney, NSW 2000 | **Importatore per la Cina:** Transom Post (Shanghai) Audio Co. Ltd Room 2209, Building 1, 175 Longyao Road, Xuhui District, Shanghai | **Importatore per il Messico:** POST INTL MEXICO, S. DE R.L. DE C.V. Insurgentes Sur No. 1079, 1st floor, Colonia Noche Buena, Benito Juárez, C.P. 03270, Città del Messico | **Importatore per gli Emirati Arabi Uniti:** 102 A, Sama Tower Sheikh Zayed Road, Dubai, Emirati Arabi Uniti

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### Informazioni sulla garanzia

Questo prodotto è coperto da una garanzia limitata.  
Per i dettagli sulla garanzia, visitare [BoseProfessional.com/Warranty](https://www.boseprofessional.com/Warranty).

### Compilare e conservare le seguenti informazioni.

Numero di serie: \_\_\_\_\_

Numero di modello: \_\_\_\_\_

**Lees alle veiligheidsinstructies en de gebruiksaanwijzing door en bewaar deze.**

Dit product is uitsluitend bestemd voor installatie door professionele installateurs! Dit document is bedoeld om professionele installateurs essentiële installatie- en veiligheidsrichtlijnen te bieden voor dit product in standaardsystemen voor vaste installatie. Lees dit document en alle veiligheidswaarschuwingen voordat u een systeem probeert te installeren.

1. Lees deze instructies door.
2. Bewaar deze instructies.
3. Neem alle waarschuwingen in acht.
4. Volg alle instructies.
5. Gebruik dit apparaat niet in de buurt van water.
6. Alleen met een droge doek reinigen.
7. Zorg dat u de ventilatieopeningen niet blokkeert. Installeer het apparaat volgens de instructies van de fabrikant.
8. Installeer het product niet in de buurt van warmtebronnen, zoals radiatoren, warmteroosters, kachels of andere apparaten (waaronder versterkers) die warmte produceren.
9. Schakel de veiligheidsfunctie van de gepolariseerde of geaarde stekker niet uit. Een gepolariseerde stekker heeft twee poten, waarvan de ene breder is dan de andere. Een geaarde stekker heeft twee poten en een pin voor de aarding. De bredere poot of de derde poot is bedoeld voor uw veiligheid. Als de bijgeleverde stekker niet in het stopcontact past, neem dan contact op met een elektricien om het verouderde stopcontact te vervangen.
10. Zorg dat er niet op het netsnoer wordt gestaan of gelopen en dat het niet wordt afgekneld, met name bij de stekkers en stopcontacten en het punt waar deze uit het apparaat komen.
11. Gebruik uitsluitend aansluitstukken/accessoires die door de fabrikant worden gespecificeerd.
12.  Gebruik het apparaat uitsluitend in combinatie met het verwijdbare plateau, het statief, de beugel of de tafel die door de fabrikant worden vermeld of samen met het apparaat worden verkocht. Als u een verwijdbaar plateau gebruikt, moet u het apparaat en het plateau voorzichtig verplaatsen zodat deze niet kunnen omvallen en letsel veroorzaken.
13. Haal de stekker van dit apparaat uit het stopcontact bij onweer of als het langere tijd niet wordt gebruikt.
14. Laat alle reparaties en onderhoud over aan bevoegde personen. Reparatie is vereist als het apparaat is beschadigd, zoals wanneer het snoer of de stekker van de voeding is beschadigd, wanneer er vloeistof in het apparaat is terechtgekomen of voorwerpen in het apparaat zijn gevallen, wanneer het apparaat is blootgesteld aan regen of vocht, niet normaal werkt of is gevallen.

**WAARSCHUWINGEN:**

Dit symbool op het product betekent dat deze handleiding belangrijke bedienings- en onderhoudsinstructies bevat.



Dit symbool op het product betekent dat er een niet-geïsoleerde, gevaarlijke spanning aanwezig is binnen de behuizing van het product die kan leiden tot een risico op elektrische schokken.



Bevat kleine onderdelen die verstikkingsgevaar kunnen vormen. Niet geschikt voor kinderen jonger dan 3 jaar.

Alle Bose Professional-producten moeten worden geïnstalleerd volgens de plaatselijke en landelijke voorschriften en industriënormen. Het is de verantwoordelijkheid van de installateur om ervoor te zorgen dat de installatie van de luidsprekers en het montagesysteem gebeurt met inachtneming van alle van toepassing zijnde voorschriften, waaronder plaatselijke bouwvoorschriften. Neem contact op met de juiste plaatselijke overheidsinstanties voordat u dit product installeert.

Het onveilig monteren of ophangen van een zware last kan leiden tot beschadiging van uw eigendommen, ernstig letsel en overlijden. Het is de verantwoordelijkheid van de installateur om de betrouwbaarheid te evalueren van de gebruikte montagemethode. Alleen professionele installateurs met kennis van het juiste gereedschap en veilige montage technieken mogen luidsprekers hoog ophangen.

Monteer het product niet op locaties waar condensatie kan optreden.

Dit product is niet bedoeld voor installatie of gebruik in overdekte ruimten voor wateractiviteiten (waaronder overdekte zwembaden, overdekte waterparken, stoomruimten, sauna's, bubbelbadkamers en overdekte ijsbanen).

Om het risico op brand of elektrische schokken te verlagen, mag dit product NIET worden blootgesteld aan regen, vloeistof of vocht.

Houd het product uit de buurt van vuur en warmtebronnen. Plaats GEEN open vlammen, zoals brandende kaarsen, op of bij het product.

Er mogen GEEN wijzigingen aan dit product worden aangebracht door onbevoegden.

Gebruik GEEN omvormer in combinatie met dit product.

Gebruik het NIET in voertuigen of boten.

Zorg voor aarding of controleer of het stopcontact geaard is voordat u de stekker in het stopcontact steekt.

Wanneer de stekker of aansluiting van een apparaat als stroomonderbreker wordt gebruikt, dient deze stroomonderbreker steeds goed bereikbaar te zijn.

Gebruik uitsluitend het montage materiaal dat bij dit product is bijgeleverd.

Omwille van de ventilatievereisten raadt Bose Professional af om het product in een besloten ruimte te plaatsen, zoals in een nis in de muur of een dichte kast.

Plaats of installeer de beugel of het product niet in de buurt van warmtebronnen, zoals open haarden, radiatoren, verwarmingsroosters of andere apparaten (waaronder versterkers) die warmte produceren.

Gebruik bij de installatie geen oplosmiddelen, smeermiddelen of reinigingsmiddelen op koolwaterstofbasis op of rond Bose Professional-luidsprekers en bijbehorende montage materialen. Het gebruik van dergelijke smeermiddelen, oplosmiddelen of reinigingsmiddelen op koolwaterstofbasis op of rond de bevestigingsankers en schroeven kan nadelige gevolgen hebben voor het kunststof materiaal en mogelijk scheuren en vroegtijdige verzwakking van het product veroorzaken.

**Wettelijk verplichte informatie****CAN ICES-3 (A)/NMB-3(A)**

Dit apparaat voldoet aan deel 15 van de FCC-voorschriften. Op het gebruik zijn de volgende twee voorwaarden van toepassing: (1) Dit apparaat mag geen schadelijke storing veroorzaken, en (2) dit apparaat moet bestand zijn tegen alle externe storing, waaronder storing die een ongewenste werking tot gevolg kan hebben.

OPMERKING: Dit apparaat is getest en voldoet aan de limieten voor een digitaal apparaat van de klasse A, volgens deel 15 van de FCC-voorschriften. Deze limieten zijn bedoeld om redelijke bescherming te bieden tegen schadelijke storing bij installatie in een handelsomgeving. Dit apparaat genereert en gebruikt radiofrequente energie en kan deze uitstralen en het kan, als het niet wordt geïnstalleerd en gebruikt volgens de instructies, schadelijke storing veroorzaken aan radiocommunicatie. Gebruik van dit apparaat in een woonwijk kan schadelijke storing veroorzaken. In dit geval moet de gebruiker de storing op eigen kosten verhelpen.

Veranderingen of aanpassingen die niet uitdrukkelijk zijn goedgekeurd door Bose Professional kunnen leiden tot het vervallen van de bevoegdheid van de gebruiker om dit apparaat te gebruiken.

Dit is een product van klasse A. Dit product kan in een woonomgeving radio-interferentie veroorzaken, zodat de gebruiker mogelijk passende maatregelen moet treffen.

Dit product voldoet aan alle immuniteitsvereisten van EN55103-2 voor een E2 elektromagnetische omgeving.

Inschakelstroomstoot: 11.8 A (230 VAC, 50 Hz), 11.7 A (120 VAC, 60 Hz)

Inschakelstroom na 5 seconden stroomuitval: 10.6 A (230 VAC, 50 Hz), 10.8 A (120 VAC, 60 Hz)



Dit product voldoet aan alle vereisten van de van toepassing zijnde EU-richtlijnen. De volledige conformiteitsverklaring kunt u vinden op de specifieke productpagina: [BoseProfessional.com](https://www.boseprofessional.com)



Dit product voldoet aan alle van toepassing zijnde Electromagnetic Compatibility Regulations 2016 en alle andere van toepassing zijnde voorschriften in het VK. De volledige conformiteitsverklaring kunt u vinden op de specifieke productpagina: [BoseProfessional.com](https://www.boseprofessional.com)



Dit symbool betekent dat het product niet mag worden weggegooid als huishoudelijk afval en naar een geschikt inzamelingspunt voor recycling moet worden gebracht. Het op de juiste wijze afvoeren en recycleren helpt natuurlijke hulpbronnen, de menselijke gezondheid en het milieu te beschermen. Voor meer informatie over het afvoeren en recycleren van dit product neemt u contact op met de gemeente waar u woont, de afvalverwerkingsdienst of de winkel waar u dit product hebt gekocht.

**Fabricagedatum:** Het achtste cijfer in het serienummer geeft het fabricagejaar aan. '3' is 2013 of 2023.

**Europese importeur:** Transom Post Netherlands B.V., Keizersgracht 391A, 1016 EJ, Amsterdam | **Importeur in het VK:** Transom Post Netherlands UK, Squires House 205a High Street, West Wickham, BR4 0PH | **Importeur in Japan:** Transom Post International Japan KK Co., Ltd. PMO Tamachi IV Shiba5-29-19, Minato-ku, Tokio | **Importeur in Australië:** Transom Post Australia Pty. Ltd., Level 14, 60 Margaret Street, Sydney, NSW 2000 | **Importeur in China:** Transom Post (Shanghai) Audio Co. Ltd Room 2209, Building 1, 175 Longyao Road, Xuhui District, Shanghai | **Importeur in Mexico:** POST INTL MEXICO, S. DE R.L. DE C.V. Insurgentes Sur No. 1079, 1st floor, Colonia Noche Buena, Benito Juárez, C.P. 03270, Mexico-Stad | **Importeur in de VAE:** 102 A, Sama Tower Sheikh Zayed Road, Dubai VAE

**Bose Professional**, 117 South St, Hopkinton, MA 01748 USA

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**Garantie-informatie**

Dit product wordt gedekt door een beperkte garantie.  
Ga naar [BoseProfessional.com/Warranty](https://www.boseprofessional.com/Warranty) voor garantie-informatie.

**Vul het volgende in en bewaar deze informatie voor uw administratie.**

Serienummer: \_\_\_\_\_  
Modelnummer: \_\_\_\_\_

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## Overview

Put the power where you need it. PowerShare amplifiers deliver outstanding audio performance and reliability with patented technologies inherited from the field-proven PowerMatch line — now with added flexibility. Using innovative technology, the PowerShare PS604D (PS404D) shares power across all output channels and delivers 600 (400) watts for installed applications. This means you can distribute the total 600 (400) watts asymmetrically across all outputs or use any individual output to deliver full power. And with support for both low- and high-impedance loads up to 100V, it's easy to adapt PowerShare amplifiers to a wide range of applications. ControlSpace Designer software allows for Ethernet-based configuration and quick setup of external control options. With onboard Dante® audio networking, you have the flexibility to place PowerShare amplifiers away from source locations and closer to loudspeakers. This unique set of features and technologies makes PowerShare one of the most versatile, high-performance amplifiers available today.

## Product Features

### PowerShare Technology

Distribute the total 600 (400) watts asymmetrically across all outputs using patented PowerShare technology, which allows each output to deliver full power. Instead of selecting amplifier power based on the needs of the largest zone, you now have the freedom to use total amplifier power in any application. This enables more flexibility during the initial design, or later on-site when making unplanned changes that take advantage of surplus power.

### Load-independent Outputs

Configure any channel for low-impedance (4-8  $\Omega$ ) or high-impedance (70/100V) applications without bridging or using jumpers.

### Integrated Dante Audio Networking

Support four audio input channels from a Dante network and mix onboard analog inputs with digital Dante inputs as selected in ControlSpace Designer software.

### Dual Feedback Loop System

Improve performance and reliability. The Dual Feedback Loop system, inherited from the field-proven Bose Professional PowerMatch amplifier line, allows for continuous monitoring and control of both the current and voltage delivered to each output load. This combination provides improved linearity and lower distortion while protecting loudspeakers.

### ControlSpace Networking

Configure using ControlSpace Designer software for inclusion into larger networked audio systems where end-user controllers and scheduling events can control amplifier parameters.

### Integrated Loudspeaker Processing

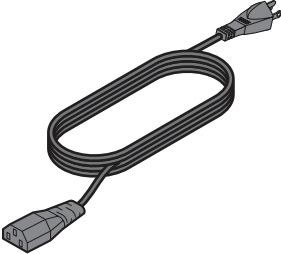
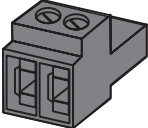
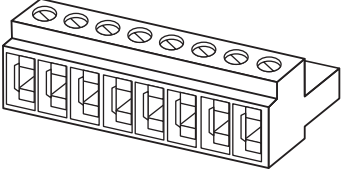
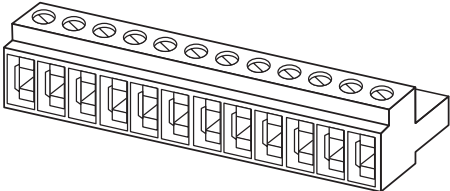
Adjust various parameters using ControlSpace Designer software: nine-band PEQs, matrix mixing, crossover, limiters, delay, mute/output polarity, and more.

### Auto-standby

Save power — PowerShare amplifiers can be configured to automatically enter standby mode when the audio signal falls below a set threshold, then wake when audio returns.

Package Contents

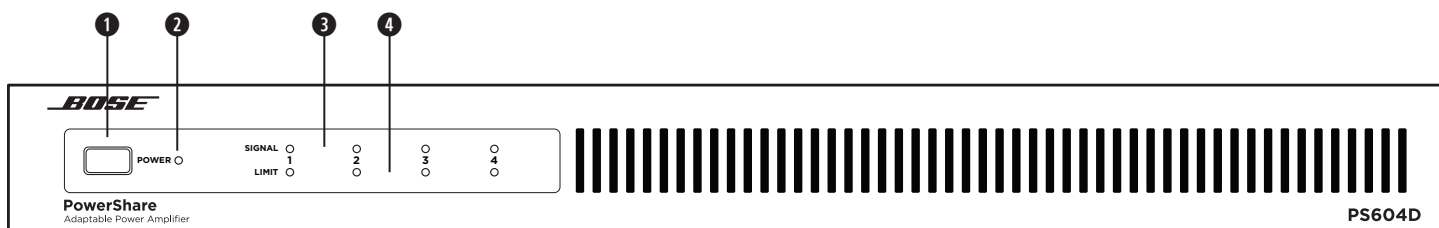
Your PowerShare amplifier will come with the following accessories:

| Accessories                                                                         |                          | PS604D | PS404D |
|-------------------------------------------------------------------------------------|--------------------------|--------|--------|
|    | AC power cord            | 1      | 1      |
|    | 2-pin Euroblock (black)  | 1      | 1      |
|    | 8-pin Euroblock (green)  | 1      | 1      |
|  | 12-pin Euroblock (green) | 1      | 1      |

## Product Details

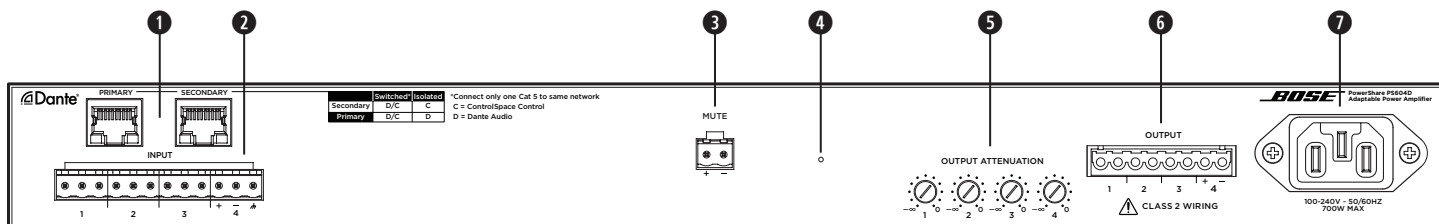
### PowerShare PS604D/PS404D

#### Front Panel



|                            |                                  |                                                                                                                                                                        |
|----------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1 Power switch:</b>     | On/Off AC power.                 |                                                                                                                                                                        |
| <b>2 Power LED:</b>        | Power or fault state indication. | <b>Green (solid):</b> Power is on<br><b>Green (blinking):</b> Unit is in standby mode<br><b>Amber (solid):</b> Thermal fault<br><b>Red (solid):</b> Power supply fault |
| <b>3 Input Signal LED:</b> | Each LED operates independently. | <b>Green:</b> Signal present<br><b>Amber:</b> Input is near clipping<br><b>Red (solid):</b> Indicates a fault<br><b>Red (blinking):</b> Input is clipping              |
| <b>4 Output Limit LED:</b> | Each LED operates independently. | <b>Amber:</b> Amplifier limiting an output<br><b>Red (solid):</b> Indicates a fault<br><b>Red (blinking):</b> Amplifier muted                                          |

#### Rear Panel



- Dante ports:** Ethernet ports for connection of Dante® and ControlSpace devices. Transports up to four digital audio channels between a Dante device and the amplifier. The amplifier supports a THRU path for daisy-chaining to other Dante devices in switched mode. Dante audio and ControlSpace control can be separated using Isolated mode.
- Analog Input:** Line-level input for balanced analog audio signals.
- Mute port:** Normally open or normally closed (consult ControlSpace Designer help system) dry contacts can mute all outputs.
- Reset button:** Resets the amplifier to factory default settings (see **Resetting the PS604D/PS404D** on page 14).
- Output Attenuation controls:** Output attenuation controls for each output. Turn the controls clockwise to decrease attenuation and counter-clockwise to increase attenuation.
- Analog Output:** Eight-pin Euroblock connector for loudspeaker connections.
- Power input:** Power cord connection (IEC 60320-C14 inlet). Removing the power cord when the amplifier is on is equivalent to powering down using the front panel power switch, and is an acceptable power-down method.

# Installation

## Setting Up the PowerShare Amplifier

The asymmetrical PowerShare capability of the amplifier is easy to use and does not require software to configure. Set the output trims according to the power you want distributed to each output load and the amplifier ensures that the 600 watts (PS604D), or 400 watts (PS404D), power is not exceeded. In scenarios where more power is demanded from the amplifier, the amplifier will automatically limit all outputs equally until the power demand is reduced.

### How to Set Up a PowerShare Amplifier:

1. Starting with the amplifier power OFF, make all required power and audio connections.
2. All configuration is done within ControlSpace Designer software:
  - A. Connect the PC or laptop to either amplifier's **Dante** port, or connect to the amplifier via a network switch.
  - B. Turn the amplifier ON.
  - C. Start the ControlSpace Designer software on your PC or laptop and configure each signal processing block as required for the application. See the ControlSpace Designer help system for details.
  - D. Inputs are analog by default to ensure audio can pass through the amplifier with no programming necessary. Use ControlSpace Designer to change each input from analog to Dante® as necessary.
3. If using CC-D ControlCenter digital zone controller(s) for remote control, rotate each **Output Attenuation** control fully clockwise to 0 dB attenuation. This enables each CC-D zone controller to attenuate over the full range. To have the CC-D operate across a limited range, increase the output attenuation as needed by rotating the **Output Attenuation** control counter-clockwise.
4. If all outputs are set to drive 70/100-volt Hi-Z loudspeakers, rotate each corresponding **Output Attenuation** control to 0 dB attenuation. Set each loudspeaker tap to the appropriate setting. Based on the total loudspeaker tap settings, the amplifier will adapt and deliver the required power to each output. The total amplifier wattage can be distributed in any way across all amplifier outputs.
5. If all outputs are set to drive 4-8  $\Omega$  Low-Z loudspeakers, rotate each **Output Attenuation** control until the desired levels are reached. Play a signal containing the highest normal program or pink noise input level. Ensure the material is near the input sensitivity for best noise performance. Observe the **Output Limit** LED for the output being adjusted. If the signal level is higher than the protection limit for the loudspeaker, the **Output Limit** LED will light amber. Increase the attenuation until the **Output Limit** LED does not light, or only occasionally lights. The total amplifier wattage can be distributed in any way across all amplifier outputs.
6. Since each output is configurable to drive either Hi-Z or Low-Z loudspeakers, the amplifier can support mixed-impedance installations. In this setup, first configure the Hi-Z channels before configuring the Low-Z channels.
7. When setting up the amplifier, monitor the **Input Signal** LEDs for input clipping and the **Output Limit** LEDs for output limiting to ensure the amplifier is working within proper operating conditions. Make adjustments if necessary.

**Technical Considerations:**

When a loudspeaker EQ is selected in ControlSpace Designer, the appropriate crossover and  $V_{pk}$  and  $V_{RMS}$  limiters for that loudspeaker are automatically loaded.

Adjusting the **Output Attenuation** control of a single channel does not affect the level of other channels. The only exception is if the amplifier is attempting to deliver more than the total amplifier wattage. If the total amplifier power is exceeded, the amplifier will limit all outputs simultaneously and equally until the demand is reduced. If the demand remains too high, the amplifier will gradually limit to an average of 200 watts continuously.

There are multiple ways to adjust output power in a PowerShare amplifier application:

- Adjust input signal level relative to the sensitivity setting of the amplifier.
- Adjust the Matrix level in ControlSpace Designer.
- Adjust the Out levels in ControlSpace Designer.
- Adjust the **Output Attenuation** controls of the amplifier.
- Adjust the CC-D ControlCenter digital zone controller(s) settings.
- Adjust the limiter settings for each output using ControlSpace Designer software.
- Adjust the transformer tap settings of any connected Hi-Z loudspeakers.

## PowerShare Amplifier Network Connection

Before configuring your PowerShare PS604D/PS404D, download the latest version of ControlSpace Designer at **BoseProfessional.com**.

### Establish Network Connection

Connect the PS604D/PS404D either directly to a PC, or through an Ethernet switch via one of the two **Dante** ports. Ensure that the PC is on the same subnet as the PS604D/PS404D using one of the following methods:

Set the PC to DHCP and connect a DHCP server to the network. Both the PS604D/PS404D and the PC will obtain an IP address from the DHCP server.

Set the PC to DHCP and without a DHCP server. Both the PS604D/PS404D and the PC will obtain an AutoIP-assigned IP address (link-local).

For more information, see the ControlSpace Designer software help system.

### ControlSpace Designer Configuration

If all the network connections and settings are done correctly, ControlSpace Designer should automatically identify the PowerShare amplifier on the network.

With a network connection in place and ControlSpace Designer software installed, use the Hardware Manager tool inside ControlSpace Designer to scan and update the amplifier firmware.

For full details on using ControlSpace Designer to configure, control, and monitor the amplifier or systems built with Bose Professional networked system electronics, consult the ControlSpace Designer help system.

## Resetting the PS604D/PS404D

The reset procedure can be used on a PowerShare PS604D or PS404D amplifier to clear the project file (programming defaults) and network settings.

Reset your amplifier to

clear all device settings to start from a **factory default** version.

resolve network issue where the IP address is unknown. The IP address will default to DHCP and if DHCP server is not available, a link-local address will be used.

diagnose/resolve problems with a bad or incompatible project file.

The reset procedure can be done with the following steps. Read the whole procedure before following the steps.

1. If possible, back up your CSD design before doing a reset because the amplifier's settings will be cleared and default settings will be restored.
2. Turn the power off with the **Power** switch.
3. Wait over 10 seconds for power to fully discharge.
4. Use a paper clip (or similar tool) to depress the **Reset** button in the rear panel of the amplifier.
5. While depressing the **Reset** button, press the **Power** switch to turn the device power back on. The **Input Signal** LEDs will light green.
6. Continue depressing the **Reset** button until the **Input Signal** LEDs are lit for four seconds, then release the **Reset** button. The **Input Signal** LEDs will blink rapidly if the reset procedure was successful.

## Importance of Proper Ventilation

For placement of the amplifier, keep the following in mind:

Make sure that air can circulate freely from left to right for adequate ventilation. There are vents on the sides.

The temperature of the rack should be controlled to ensure that amplifiers are not exposed to ambient temperatures exceeding 40 °C (104 °F).

Do not cover or block amplifier vents.

Do not place the amplifier in an enclosed space, such as a cabinet.

Make sure the chassis is protected from heat and kept away from direct heat sources, such as heating vents and radiators.

The two fans in each amplifier run together at a variable speed. The fans will spin faster as the internal temperature increases in order to keep the amplifier out of thermal shutdown when operating at 40 °C (104 °F) or less, and at 200 watts of continuous power or less.



**CAUTION:** Do not allow the chassis to exceed the maximum operating temperature of 40 °C (104 °F). Be aware of conditions in an enclosed rack that may increase the temperature above room-ambient conditions. If the amplifier becomes too hot, it will go into a thermal protection mode and mute all outputs.

## Rack Mounting

PowerShare amplifiers are designed to fit standard 48-centimeter (19 in) rack equipment, occupying 1 rack-unit (RU) in height, requiring a mounting depth of 40.1 centimeters (5.8 in) from the front rack rail. Use four fasteners with washers (not supplied) to mount the amplifier front panel rack ears to the equipment rack rails.



**CAUTION:** Only use the mounting hardware recommended by the rack manufacturer.

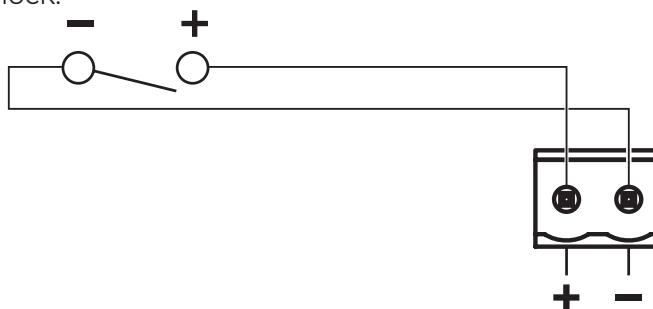
## Mute with Standard Contact Closure

The amplifier is designed to mute all outputs either when the **Mute** contacts are shorted together, or when the **Mute** contacts are opened, depending on the amplifier configuration.

The default state is Normally Open (NO), where a short across the mute connector will mute all outputs. The mute polarity can be inverted to Normally Closed (NC), where an open across the mute connector will mute all outputs, using ControlSpace Designer.

**Note:** All Limit LEDs will blink red when the amplifier is muted from software, or from the rear panel mute connector.

Use the included 2-pin Euroblock.

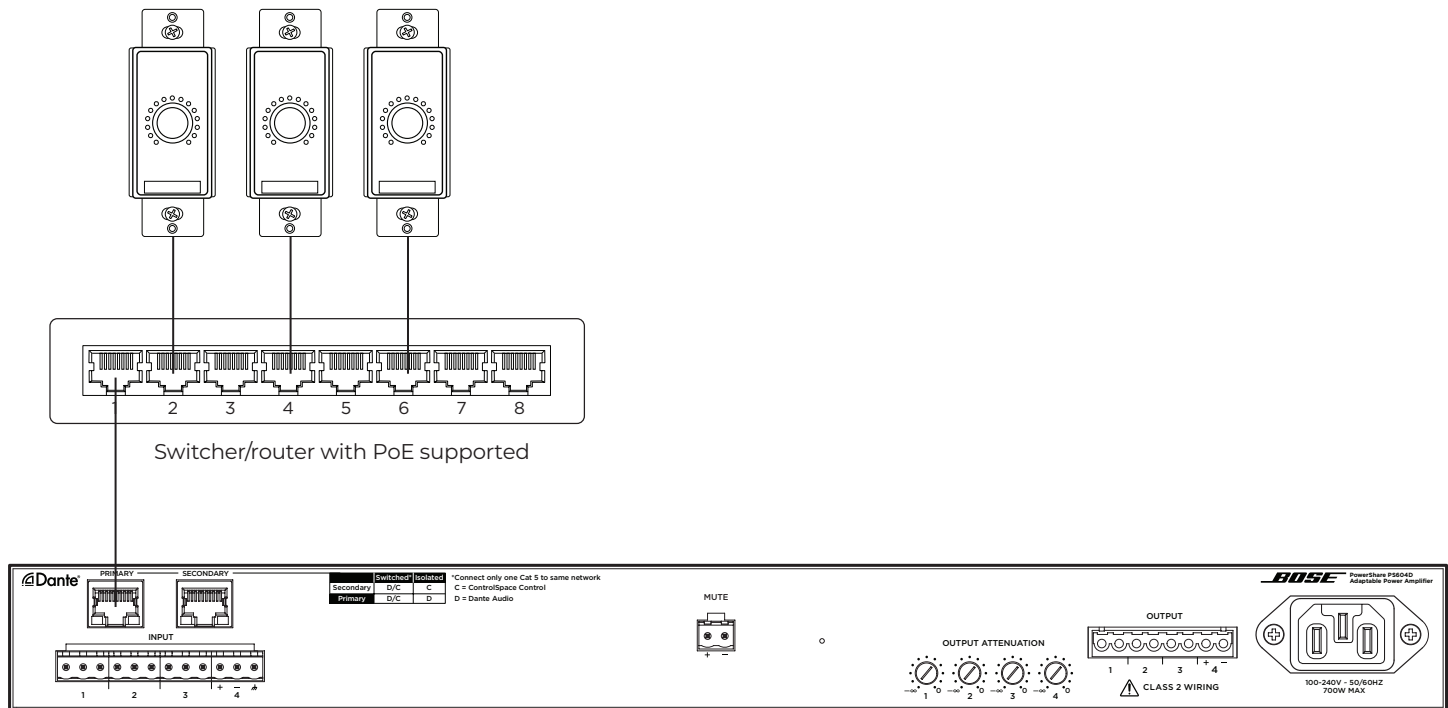


# Remote Volume Control

## ControlCenter Digital Zone Controllers

Remotely control the volume of the PS604D and PS404D amplifiers with Bose Professional ControlCenter digital zone controllers (CC-1D, CC-2D, and CC-3D). Use CC-1D for volume control and use CC-2D and CC-3D for volume and source control.

A CC-D can be connected to a PS604D/PS404D directly to one of the two **Dante** ports using a standard Cat 5 cable. CC-D controllers must be connected via a PoE network switch. Configure your CC-D controllers using ControlSpace Designer. For more information on ControlCenter digital zone controllers, visit **BoseProfessional.com**.



# Technical Information

## Troubleshooting

| Problem                       | What to do                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No power                      | <p>Turn on power. Green LED on front panel will be visible when power is on.</p> <p>Make sure the power cord is plugged in.</p> <p>Try a different AC outlet that is working with another piece of equipment.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Power is on, but no sound     | <p>Make sure the input source is turned on.</p> <p>Verify that there is an input signal from the source.</p> <p>Check the cable connections from the source to the amplifier.</p> <p>Make sure the <b>Output Attenuation</b> controls are not turned down to mute.</p> <p>If a CC-D digital zone controller is connected to the amplifier, make sure the volume control on the zone controller is turned up.</p> <p>If a contact closure is connected to the <b>Mute</b> port on the rear panel, check the switch to ensure the mute function has not been triggered.</p> <p>Make sure that loudspeaker tap settings are set correctly.</p> <p>Check that the amplifier has adequate ventilation. Improper ventilation could cause the amplifier to go into thermal protection mode and no audio will be heard.</p> <p>Ensure that the output wiring is correct. A short circuit will cause the amplifier to go into protection mode and no audio will be heard.</p> <p>Check <b>Matrix</b> and <b>Out</b> levels using ControlSpace Designer.</p> <p>Check Dante® subscriptions if applicable.</p> |
| Power is on, but sound is low | <p>Verify that the audio input source output is turned up to a nominal level.</p> <p>Check the cable connections from the source to the amplifier.</p> <p>Make sure the <b>Output Attenuation</b> controls are not turned down too low.</p> <p>If a CC-D digital zone controller is connected to the amplifier, make sure the volume control on the zone controller is turned up.</p> <p>Make sure that loudspeaker tap settings are set correctly.</p> <p>Check <b>Matrix</b> and <b>Out</b> levels using ControlSpace Designer.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Sound is distorted            | <p>Verify that the <b>Signal LED</b> on the front panel is not red. If it is red, reduce the source output level, or increase the amplifier analog input sensitivity to 12 dBu.</p> <p>If the input source signal is clean, verify that the loudspeakers are not overdriven or damaged. Check the loudspeaker tap setting.</p> <p>Using ControlSpace Designer software, verify that the audio input signal indicator blocks are not showing solid red or flashing red. If they are, reduce the input pre-gain setting to where the input is no longer clipping (red).</p> <p>Using ControlSpace Designer software, verify that the audio output signal indicator blocks are not solid red or flashing red. If they are, and the input indicators are green, use the Designer software to reduce the output gain or any intermediary gain in the signal path.</p> <p>If the input source signal is clean when it enters the system, and the input and output indicators are green, verify that the loudspeakers are not being overdriven and are not damaged.</p>                                    |
| Unnatural sound               | <p>Verify that the proper EQ preset is selected for the loudspeakers being used.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| Problem                                                                        | What to do                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No PS604D/PS404D network connectivity with ControlSpace Designer running on PC | <p>Verify that the amplifier is fully booted. The <b>Power</b> LED should appear solid green.</p> <p>Verify that the LAN settings on the TCP/IP Ethernet device you are using on the PC are set correctly:</p> <p style="padding-left: 40px;">If not using a DHCP server, the network properties of the PC should be set to <b>Automatic</b> to connect with PowerShare at link-local.</p> <p style="padding-left: 40px;">Check firewall settings on the PC, unblock all ports.</p> <p>Verify that the proper Host Network Interface Card Name is selected in ControlSpace Designer Hardware Manager.</p> <p>Verify that the <b>Current Project Settings Network Address</b> and <b>Subnet Mask</b> within ControlSpace Designer Hardware Manager match the network, whether using DHCP or link-local (link-local uses Subnet Mask <b>255.255.0.0</b>).</p> <p>Verify that there is not another device connected to the network with the same IP address.</p> <p>Refer to the ControlSpace Designer help system for detailed steps to ensure the amplifier is on the same network as the PC running ControlSpace Designer.</p> |
| No PS604D/PS404D Dante® audio subscriptions or audio                           | <p>Ensure the amplifier's Dante IP address is on the same network as the other Dante devices in the system. To change the amplifier's Dante IP, use Audinate's Dante Controller software, or consult the ControlSpace Designer help system. Sometimes it can be helpful to change the PC's network settings from static IP to DHCP to view and change the Dante IP address.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## AC Current Draw and Thermal Dissipation Information

### PS604D

The amplifier rated channel power for the PS604D is 600 W, distributed across four outputs.

| PS604D AC Current Draw and Thermal Dissipation (120 VAC, 60 Hz) |                                             |                          |                    |                             |        |         |
|-----------------------------------------------------------------|---------------------------------------------|--------------------------|--------------------|-----------------------------|--------|---------|
| Test Signal & Power Level                                       | Load Configuration<br>(All channels driven) | Total Audio<br>Output, W | Line Current,<br>A | Thermal Dissipation,<br>Max |        |         |
|                                                                 |                                             |                          |                    | Watts                       | BTU/hr | kCal/hr |
| Power On, Idling                                                |                                             | 0                        | 0.63               | 76                          | 258    | 65      |
| <b>1/8th Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 4-8 Ω                                       | 75                       | 1.60               | 117                         | 399    | 101     |
| <b>1/8th Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 70/100V                                     | 75                       | 1.40               | 93                          | 317    | 80      |
| <b>1/3rd Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 4-8 Ω                                       | 200                      | 2.85               | 142                         | 485    | 122     |
| <b>1/3rd Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 70/100V                                     | 200                      | 2.70               | 124                         | 423    | 107     |
| PS604D AC Current Draw and Thermal Dissipation (230 VAC, 50 Hz) |                                             |                          |                    |                             |        |         |
| Test Signal & Power Level                                       | Load Configuration<br>(All channels driven) | Total Audio<br>Output, W | Line Current,<br>A | Thermal Dissipation,<br>Max |        |         |
|                                                                 |                                             |                          |                    | Watts                       | BTU/hr | kCal/hr |
| Power On, Idling                                                |                                             | 0                        | 0.33               | 76                          | 259    | 65      |
| <b>1/8th Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 4-8 Ω                                       | 75                       | 0.80               | 109                         | 372    | 94      |
| <b>1/8th Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 70/100V                                     | 75                       | 0.74               | 95                          | 325    | 82      |
| <b>1/3rd Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 4-8 Ω                                       | 200                      | 1.50               | 145                         | 495    | 125     |
| <b>1/3rd Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 70/100V                                     | 200                      | 1.40               | 122                         | 416    | 105     |

## PS404D

The amplifier rated channel power for the PS404D is 400 W, distributed across four outputs.

| PS404D AC Current Draw and Thermal Dissipation (120 VAC, 60 Hz) |                                             |                          |                    |                             |        |         |
|-----------------------------------------------------------------|---------------------------------------------|--------------------------|--------------------|-----------------------------|--------|---------|
| Test Signal & Power Level                                       | Load Configuration<br>(All channels driven) | Total Audio<br>Output, W | Line Current,<br>A | Thermal Dissipation,<br>Max |        |         |
|                                                                 |                                             |                          |                    | Watts                       | BTU/hr | kCal/hr |
| Power On, Idling                                                |                                             | 0                        | 0.63               | 76                          | 258    | 65      |
| <b>1/8th Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 4-8 Ω                                       | 50                       | 1.25               | 100                         | 341    | 86      |
| <b>1/8th Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 70/100V                                     | 50                       | 1.20               | 94                          | 321    | 81      |
| <b>1/3rd Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 4-8 Ω                                       | 133                      | 2.10               | 119                         | 406    | 102     |
| <b>1/3rd Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 70/100V                                     | 133                      | 2.00               | 107                         | 365    | 92      |
| PS404D AC Current Draw and Thermal Dissipation (230 VAC, 50 Hz) |                                             |                          |                    |                             |        |         |
| Test Signal & Power Level                                       | Load Configuration<br>(All channels driven) | Total Audio<br>Output, W | Line Current,<br>A | Thermal Dissipation,<br>Max |        |         |
|                                                                 |                                             |                          |                    | Watts                       | BTU/hr | kCal/hr |
| Power On, Idling                                                |                                             | 0                        | 0.33               | 76                          | 259    | 65      |
| <b>1/8th Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 4-8 Ω                                       | 50                       | 0.66               | 102                         | 347    | 88      |
| <b>1/8th Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 70/100V                                     | 50                       | 0.60               | 88                          | 300    | 76      |
| <b>1/3rd Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 4-8 Ω                                       | 133                      | 1.10               | 120                         | 409    | 103     |
| <b>1/3rd Rated Power</b><br>IEC268 Bandlimited Pink Noise       | 70/100V                                     | 133                      | 1.00               | 97                          | 331    | 83      |

# Technical Specifications

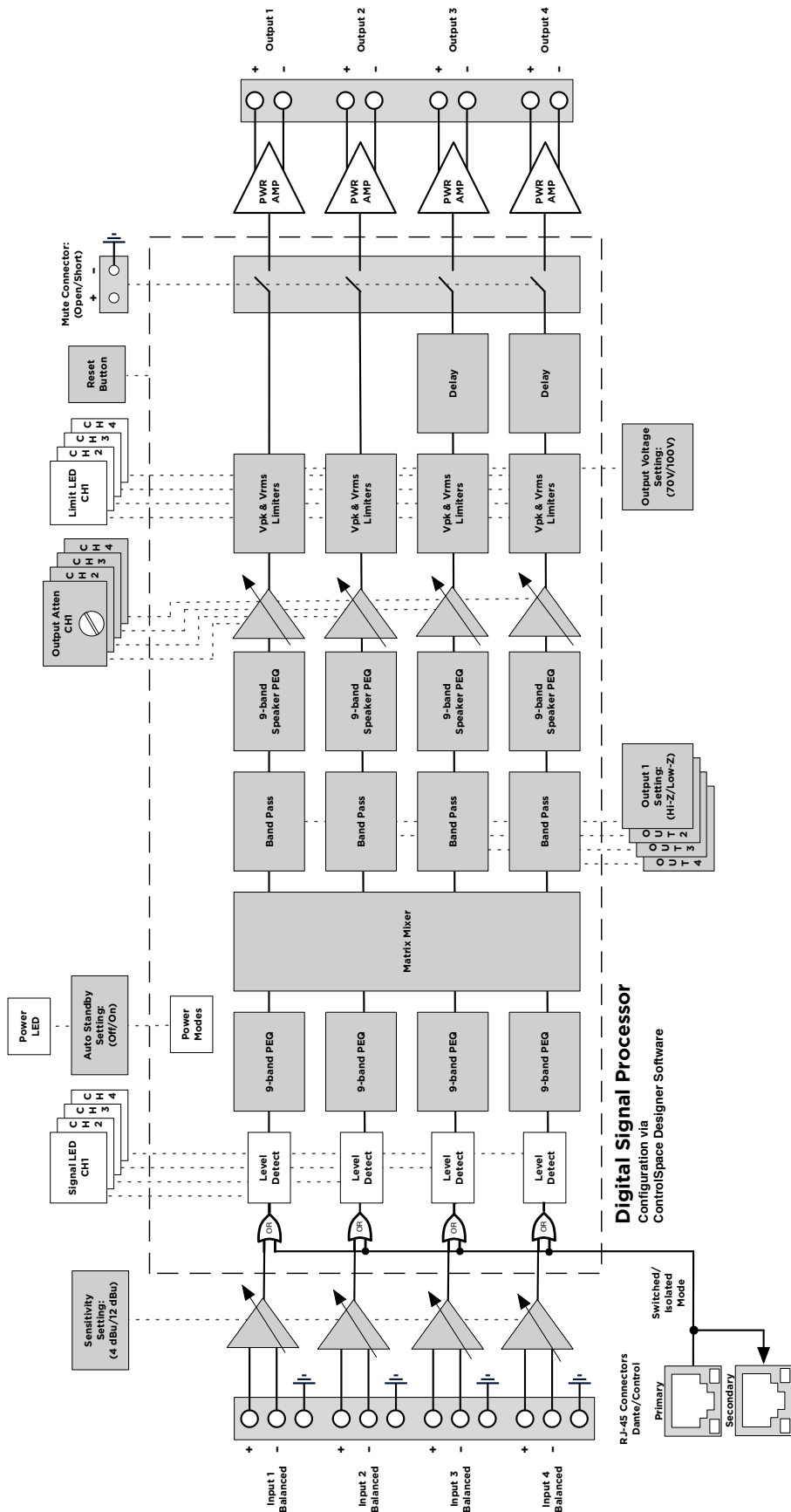
## PS604D

| Power Rating                   |                                                                                                                                 |                                      |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Amplifier Power                | 4 × 150 W (THD+N < 0.04% 1 kHz, 4–8 Ω, 70/100 V)                                                                                |                                      |
| Maximum Power per Channel      | 600 W @ 4–8 Ω, 70/100 V                                                                                                         |                                      |
| Gain (Low-Z mode)              | 32.0 dB                                                                                                                         |                                      |
| Gain (70 V mode)               | 35.0 dB                                                                                                                         |                                      |
| Gain (100 V mode)              | 38.0 dB                                                                                                                         |                                      |
| Audio Performance              |                                                                                                                                 |                                      |
| Frequency Response             | 4–8 Ω: 20 Hz to 20 kHz (± 0.5 dB @ 1 W); 70/100 V: Same as 4–8 Ω with 50 Hz high-pass filter                                    |                                      |
| Channel Separation (Crosstalk) | > 85 dB @ 1 kHz, > 65 dB @ 20 kHz                                                                                               |                                      |
| Signal to Noise Ratio          | 100 dB (at rated power, A-weighted)                                                                                             |                                      |
| Audio Inputs                   | Analog                                                                                                                          | Dante®                               |
| Input Channels                 | 4 balanced                                                                                                                      | 4 digital                            |
| Connectors                     | 12-pin Euroblock                                                                                                                | RJ-45 (primary)                      |
| Input Impedance                | 20 kΩ                                                                                                                           | —                                    |
| Maximum Input Level            | 20 dBu (at 12 dBu sensitivity setting)                                                                                          | —                                    |
| Sensitivity                    | 4 / 12 dBu (low/high sensitivity)                                                                                               | —                                    |
| Audio Outputs                  | Analog                                                                                                                          | Dante                                |
| Outputs                        | 4                                                                                                                               | 4 digital                            |
| Connectors                     | 8-pin inverted Euroblock                                                                                                        | RJ-45 (secondary)                    |
| Integrated DSP                 |                                                                                                                                 |                                      |
| A/D and D/A Converters         | 24-bit / 48 kHz                                                                                                                 |                                      |
| Processing Functions           | Matrix mixer, loudspeaker EQ, real-time 9-band PEQ, $V_{PK}/V_{RMS}$ limiters, delay, band pass, mute/output polarity inversion |                                      |
| Audio Latency                  | < 1 ms (Analog input to analog loudspeaker output)                                                                              |                                      |
| Indicators and Controls        |                                                                                                                                 |                                      |
| Power LED                      | Solid green: Power is on. Blinking green: Unit is in standby mode. Solid amber: Thermal fault. Solid red: Supply fault.         |                                      |
| Input Signal LED               | Green: Signal present. Amber: Input is near clipping. Red: Input is clipping. Solid red: Indicates a fault.                     |                                      |
| Output Limit LED               | Amber: Amplifier limiting an output. Blinking red: Amplifier muted. Solid red: Indicates a fault.                               |                                      |
| Controls, Front Panel          | Power On/Off                                                                                                                    |                                      |
| Controls, Rear Panel           | Output attenuators                                                                                                              |                                      |
| Electrical                     |                                                                                                                                 |                                      |
| Mains Voltage                  | 100 VAC to 240 VAC (±10%, 50/60 Hz)                                                                                             |                                      |
| AC Power Consumption           | 120 VAC: 14 W (Standby), 700 W (Max)                                                                                            | 230 VAC: 14 W (Standby), 700 W (Max) |
| Mains Connector                | Standard IEC (C14)                                                                                                              |                                      |
| Maximum Inrush Current         | 14.14 A (230 VAC / 50 Hz), 8.04 A (120 VAC / 60 Hz)                                                                             |                                      |
| Protections                    | High temperature, output short, extra high frequency (EHF), excessively low or high AC line voltage                             |                                      |
| Physical                       |                                                                                                                                 |                                      |
| Dimensions (H × W × D)         | 44 mm × 483 mm × 414 mm (1.7 in × 19.0 in × 16.3 in)                                                                            |                                      |
| Shipping Weight                | 7.8 kg (17.2 lbs)                                                                                                               |                                      |
| Net Weight                     | 6.4 kg (14.1 lbs)                                                                                                               |                                      |
| Cooling System                 | Microprocessor controlled, variable speed fans, left to right air flow                                                          |                                      |
| General                        |                                                                                                                                 |                                      |
| Inputs (Control)               | Mute input control                                                                                                              |                                      |

## PS404D

| Power Rating                   |                                                                                                                                 |                                      |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Amplifier Power                | 4 × 100 W (THD+N < 0.04% 1 kHz, 4–8 Ω, 70/100 V)                                                                                |                                      |
| Maximum Power per Channel      | 400 W @ 4–8 Ω, 70/100 V                                                                                                         |                                      |
| Gain (Low-Z mode)              | 30.2 dB                                                                                                                         |                                      |
| Gain (70 V mode)               | 35.0 dB                                                                                                                         |                                      |
| Gain (100 V mode)              | 38.0 dB                                                                                                                         |                                      |
| Audio Performance              |                                                                                                                                 |                                      |
| Frequency Response             | 4–8 Ω: 20 Hz to 20 kHz (± 0.5 dB @ 1 W); 70/100 V: Same as 4–8 Ω with 50 Hz high-pass filter                                    |                                      |
| Channel Separation (Crosstalk) | > 85 dB @ 1 kHz, > 65 dB @ 20 kHz                                                                                               |                                      |
| Signal to Noise Ratio          | 100 dB (at rated power, A-weighted)                                                                                             |                                      |
| Audio Inputs                   | Analog                                                                                                                          | Dante®                               |
| Input Channels                 | 4 balanced                                                                                                                      | 4 digital                            |
| Connectors                     | 12-pin Euroblock                                                                                                                | RJ-45 (primary)                      |
| Input Impedance                | 20 kΩ                                                                                                                           | —                                    |
| Maximum Input Level            | 20 dBu (at 12 dBu sensitivity setting)                                                                                          | —                                    |
| Sensitivity                    | 4 / 12 dBu (low/high sensitivity)                                                                                               | —                                    |
| Audio Outputs                  | Analog                                                                                                                          | Dante                                |
| Outputs                        | 4                                                                                                                               | 4 digital                            |
| Connectors                     | 8-pin inverted Euroblock                                                                                                        | RJ-45 (secondary)                    |
| Integrated DSP                 |                                                                                                                                 |                                      |
| A/D and D/A Converters         | 24-bit / 48 kHz                                                                                                                 |                                      |
| Processing Functions           | Matrix mixer, loudspeaker EQ, real-time 9-band PEQ, $V_{PK}/V_{RMS}$ limiters, delay, band pass, mute/output polarity inversion |                                      |
| Audio Latency                  | < 1 ms (Analog input to analog loudspeaker output)                                                                              |                                      |
| Indicators and Controls        |                                                                                                                                 |                                      |
| Power LED                      | Solid green: Power is on. Blinking green: Unit is in standby mode. Solid amber: Thermal fault. Solid red: Supply fault.         |                                      |
| Input Signal LED               | Green: Signal present. Amber: Input is near clipping. Red: Input is clipping. Solid red: Indicates a fault.                     |                                      |
| Output Limit LED               | Amber: Amplifier limiting an output. Blinking red: Amplifier muted. Solid red: Indicates a fault.                               |                                      |
| Controls, Front Panel          | Power On/Off                                                                                                                    |                                      |
| Controls, Rear Panel           | Output attenuators                                                                                                              |                                      |
| Electrical                     |                                                                                                                                 |                                      |
| Mains Voltage                  | 100 VAC to 240 VAC (±10%, 50/60 Hz)                                                                                             |                                      |
| AC Power Consumption           | 120 VAC: 14 W (Standby), 500 W (Max)                                                                                            | 230 VAC: 14 W (Standby), 500 W (Max) |
| Mains Connector                | Standard IEC (C14)                                                                                                              |                                      |
| Maximum Inrush Current         | 14.14 A (230 VAC / 50 Hz), 8.04 A (120 VAC / 60 Hz)                                                                             |                                      |
| Protections                    | High temperature, output short, extra high frequency (EHF), excessively low or high AC line voltage                             |                                      |
| Physical                       |                                                                                                                                 |                                      |
| Dimensions (H × W × D)         | 44 mm × 483 mm × 414 mm (1.7 in × 19.0 in × 16.3 in)                                                                            |                                      |
| Shipping Weight                | 7.8 kg (17.2 lbs)                                                                                                               |                                      |
| Net Weight                     | 6.4 kg (14.1 lbs)                                                                                                               |                                      |
| Cooling System                 | Microprocessor controlled, variable speed fans, left to right air flow                                                          |                                      |
| General                        |                                                                                                                                 |                                      |
| Inputs (Control)               | Mute input control                                                                                                              |                                      |

Block Diagrams



PowerShare PS604D and PS404D



813432-0040