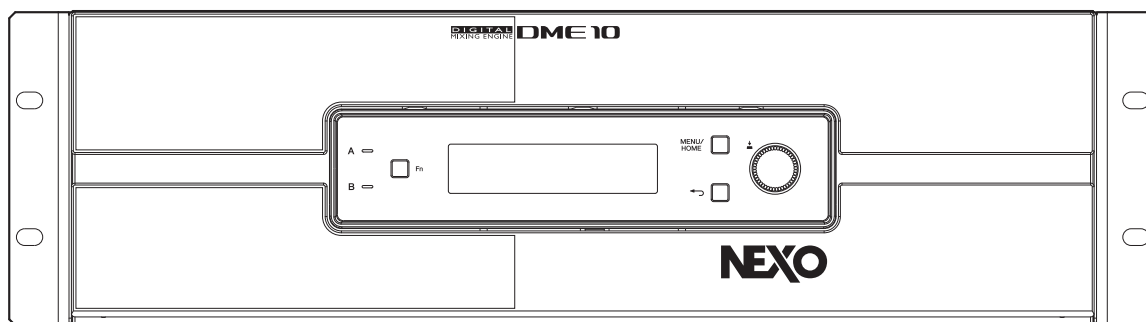




SIGNAL PROCESSOR

DME 10



SIGNAL PROCESSOR / PROCESSEUR DE SIGNAUX AUDIO

PROCESADOR DE SEÑAL / PROCESSADOR DE SINAL / СИГНАЛЬНЫЙ ПРОЦЕССОР

信号处理器 / 訊號處理器 / シグナルプロセッサー

EN	Setup Guide
DE	Installationsanleitung
FR	Manuel de configuration
ES	Manual de Instalación
PT	Guia de Configuração
IT	Guida alla configurazione
RU	Руководство по установке
ZH-CN	设置指南
ZH-TW	設定指南
KO	설치 가이드
JA	セットアップガイド

English

Deutsch

Français

Español

Português

Italiano

Русский

简体中文

繁體中文

한국어

日本語

FCC INFORMATION (U.S.A.)

1. IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Yamaha may void your authority, granted by the FCC, to use the product.

2. IMPORTANT:

When connecting this product to accessories and/or another product use only high quality shielded cables. Cable/s supplied with this product MUST be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the USA.

3. 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 his own expense.

(529-M03 FCC class A 01)

COMPLIANCE INFORMATION STATEMENT (Supplier's declaration of conformity procedure)

Responsible Party : Yamaha Corporation of America

Address : 6600 Orangethorpe Avenue, Buena Park, CA. 90620, U.S.A.

Telephone : 714-522-9011

Type of Equipment : Signal Processor

Model Name : DME10

This device complies with Part 15 of the FCC Rules.

Operation is subject to two following 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.

(529-M02 FCC sdoc YCA 02)

PRÉCAUTIONS D'USAGE

PRIÈRE DE LIRE ATTENTIVEMENT AVANT DE PROCÉDER À TOUTE MANIPULATION

Rangez ce manuel en lieu sûr afin de pouvoir le consulter ultérieurement.



AVERTISSEMENT

Veillez à toujours respecter les précautions élémentaires énumérées ci-après pour éviter les blessures graves, voire mortelles, provoquées par une électrocution, un court-circuit, des dégâts matériels, un incendie ou tout autre accident. La liste des précautions décrites ci-dessous n'est toutefois pas exhaustive :

En cas d'anomalie

- Si l'un des problèmes décrits ci-dessous survient, désactivez immédiatement l'interrupteur d'alimentation et retirez la fiche électrique de la prise.
 - Le cordon d'alimentation est effiloché ou la fiche électrique endommagée.
 - Une odeur inhabituelle ou de la fumée est émise.
 - Un objet est tombé à l'intérieur du produit ou de l'eau s'y est infiltré.
 - Une brusque perte de son est survenue durant l'utilisation du produit.
 - Le produit présente des fissures ou des dégâts visibles.
- Faites ensuite contrôler ou réparer le produit par un technicien NEXO qualifié.

Alimentation

- Ne laissez pas le cordon d'alimentation à proximité de sources de chaleur, telles que des radiateurs ou des éléments chauffants. Évitez de le plier de façon excessive ou de l'endommager de quelque manière que ce soit, de placer dessus des objets lourds, de le laisser traîner là où l'on pourrait marcher ou trébucher dessus. Évitez d'enrouler dessus d'autres câbles.
- Veillez à ce que la tension utilisée soit uniquement celle qui est indiquée pour le produit. Celle-ci est imprimée sur la plaque signalétique du produit.
- Utilisez uniquement le cordon d'alimentation/la fiche d'alimentation fourni ou spécifié.
Si vous avez l'intention d'exploiter ce produit dans une zone géographique différente de celle où vous l'avez acheté, le cordon d'alimentation fourni pourra se révéler incompatible. Veuillez vérifier ce point auprès de votre distributeur NEXO.
- N'utilisez pas le cordon/la fiche fourni(e) avec d'autres produits.
- Vérifiez périodiquement l'état de la prise électrique, dépoussiérez-la et nettoyez-la en prenant soin de retirer toutes les impuretés qui pourraient s'y accumuler.
- Veillez à insérer complètement la fiche électrique pour éviter tout risque d'électrocution ou d'incendie.

- Ce produit est alimenté à partir de plusieurs sources. Lors de l'installation du produit, assurez-vous que la prise secteur que vous utilisez est facilement accessible. En cas de problème ou de dysfonctionnement, désactivez immédiatement l'interrupteur d'alimentation et débranchez toutes les fiches de la prise secteur. Même lorsque l'interrupteur d'alimentation est en position désactivée, le produit n'est pas déconnecté de la source d'électricité tant que le cordon d'alimentation reste branché à la prise murale.



- Débranchez la fiche électrique de la prise murale lorsque vous n'utilisez pas le produit pendant un certain temps.
- Ne touchez pas le produit ou la fiche électrique pendant un orage électrique.
- Veillez à brancher l'instrument sur une prise appropriée raccordée à la terre. Toute installation non correctement mise à la terre risque d'entraîner un choc électrique, un incendie ou l'endommagement de l'appareil.

Ne pas ouvrir

- Ce produit ne contient aucune pièce nécessitant l'intervention de l'utilisateur. N'essayez pas de démonter ou de modifier les composants internes de quelque manière que ce soit.

Prévention contre l'eau

- N'exposez pas le produit à la pluie et ne l'utilisez pas près d'une source d'eau ou dans un milieu humide. Ne déposez pas dessus des récipients (tels que des vases, des bouteilles ou des verres) contenant des liquides qui risqueraient de s'infiltrer par les ouvertures.
- N'essayez jamais d'insérer ou de retirer une fiche électrique avec les mains mouillées.

Prévention contre les incendies

- Ne placez pas d'objets brûlants ou de flammes nues à proximité du produit, au risque de provoquer un incendie.

Perte de capacités auditives

- Avant de raccorder cet appareil à d'autres appareils, éteignez tous les appareils. En outre, avant de mettre les appareils sous/hors tension, vérifiez que tous les niveaux de volume sont réglés sur la position minimale. Le non-respect de cette instruction peut provoquer une perte d'acuité auditive, un risque d'électrocution ou endommager l'équipement.
- Lorsque vous mettez le système audio sous tension, allumez toujours l'amplificateur de puissance en DERNIER pour éviter d'endommager votre ouïe et les haut-parleurs. Lors de la mise hors tension, vous devez éteindre l'amplificateur de puissance en PREMIER pour la même raison.

Pile

- Chargez dans la plage de température spécifiée. Le chargement à une température située en dehors de la plage risque de provoquer une fuite, une surchauffe, une explosion ou des dégâts.
- Ne jetez pas une pile au feu.
N'exposez pas la pile à des conditions de pression atmosphérique extrêmement basse, à des températures excessivement basses ou élevées (comme en plein soleil ou à proximité d'un feu) ni à un environnement extrêmement poussiéreux ou humide.
Cela risquerait de faire fuir la pile, provoquant ainsi un incendie ou des blessures.

- Ne démontez pas la pile. Le non-respect de ces instructions peut provoquer un incendie, une surchauffe, une explosion ou un dysfonctionnement. Si le contenu de la pile entre en contact avec vos mains ou vos yeux, il peut en résulter une cécité ou des brûlures chimiques.



ATTENTION

Veillez à toujours observer les précautions d'emploi élémentaires énumérées ci-dessous afin d'éviter tout risque de blessure pour vous-même et pour autrui. La liste des précautions décrites ci-dessous n'est toutefois pas exhaustive :

Alimentation

- Veillez à toujours saisir la fiche elle-même, et non le cordon, pour la retirer du produit ou de la prise d'alimentation. Si vous tirez sur le cordon, vous risquez de l'endommager.

Emplacement et connexions

- Ne placez pas l'appareil dans une position instable ou sur un emplacement soumis à des vibrations excessives, afin d'éviter qu'il ne se renverse accidentellement et ne provoque des blessures.
- Conservez ce produit hors de portée des enfants. Ce produit ne doit pas être utilisé dans un endroit où des enfants sont susceptibles d'être présents.
- Assurez-vous de ne pas obstruer les orifices d'aération. Cet appareil possède des orifices d'aération sur les faces avant/arrière pour le protéger contre une élévation excessive de sa température interne. Veillez tout particulièrement à ne pas placer le produit sur le côté ou à l'envers. Une mauvaise aération peut entraîner la surchauffe et l'endommagement du produit, ou même provoquer un incendie.
- Pour garantir une dissipation thermique correcte du produit, respectez les instructions d'installation suivantes :
 - Évitez de couvrir le produit à l'aide d'un tissu.
 - N'installez pas le produit sur de la moquette ou un tapis.
 - Assurez-vous de disposer le produit en orientant sa face supérieure vers le haut ; ne le placez pas sur le côté ou à l'envers.
 - N'utilisez pas le produit dans un endroit confiné mal aéré. Une mauvaise aération peut entraîner la surchauffe et l'endommagement du produit, ou même provoquer un incendie. Veillez à laisser suffisamment d'espace libre autour de l'appareil : au moins 10 cm sur les côtés et 15 cm à l'arrière.
- Si le produit est monté sur un rack conforme à la norme EIA, lisez attentivement la section « Précautions d'usage pour le montage sur rack » à la page 27. Une mauvaise aération peut causer une surchauffe et endommager le ou les produit(s) concerné(s), entraîner des dysfonctionnements voire un incendie.

Si cet appareil est utilisé dans un espace restreint autre qu'un rack standard EIA, veillez à laisser suffisamment d'espace libre autour de l'appareil : au moins 10 cm sur les côtés et 15 cm à l'arrière.
- Ne disposez pas le produit dans un emplacement où il pourrait entrer en contact avec des gaz corrosifs ou de l'air à haute teneur en sel, car cela pourrait provoquer des dysfonctionnements.
- Avant de déplacer le produit, débranchez tous les câbles connectés.

Entretien

- Retirez la fiche d'alimentation de la prise secteur lors du nettoyage du produit.

Précautions d'utilisation

- N'insérez pas vos doigts ou vos mains dans les fentes ou les orifices (trous d'aération) de l'appareil.
- Ne vous appuyez pas sur le produit et ne déposez pas dessus des objets lourds.

Pile de secours

- Ne tentez pas de remplacer la pile de secours vous-même. Vous risqueriez de faire exploser le produit et/ou de l'endommager.

Lorsque la pile de secours doit être remplacée, l'écran affiche « Low Battery » (Pile faible) ou « No Battery » (Plus de pile). Dans ce cas, contactez votre distributeur NEXO et faites immédiatement remplacer la pile de sauvegarde par un technicien NEXO qualifié.

AVIS

Pour préserver l'intégrité de l'appareil, des données ou de tout autre matériel, suivez les consignes ci-après.

■ Manipulation et entretien

- Ne connectez pas cet appareil directement à un réseau Wi-Fi public ou à Internet. Connectez uniquement cet appareil à Internet via un routeur doté d'une protection élevée par mot de passe. Pour plus d'informations sur les meilleures pratiques en matière de sécurité, consultez le fabricant de votre routeur.
- N'utilisez pas l'appareil à proximité d'un téléviseur, d'une radio ou d'autres appareils électriques. En effet, l'appareil, le téléviseur ou la radio risquent de provoquer des interférences.
- N'exposez pas l'appareil à la poussière, à des vibrations excessives ou à des conditions de chaleur et de froid extrêmes : ceci risquerait de déformer le panneau, de provoquer un dysfonctionnement de l'appareil ou d'en endommager les composants internes.
- N'installez pas l'appareil dans un emplacement exposé à des variations importantes de température. Sinon, de la condensation pourrait se former à l'intérieur ou à la surface de l'appareil, et provoquer sa rupture.
- S'il y a des raisons de croire que de la condensation s'est formée, laissez l'appareil inactif pendant plusieurs heures sans le mettre sous tension, jusqu'à ce que la condensation se soit complètement évaporée, afin d'éviter de possibles détériorations.
- Ne déposez pas d'objets en vinyle, plastique ou caoutchouc sur l'appareil, car ceux-ci risqueraient d'abîmer ou de décolorer le panneau.
- Servez-vous d'un chiffon sec et doux pour nettoyer l'appareil. Ne frottez jamais les surfaces du produit avec de l'hypochlorite de sodium, de l'alcool, du benzène, des diluants de peinture, des solvants, des produits d'entretien liquides ni des tampons de nettoyage imprégnés de produits chimiques, car cela pourrait décolorer ou dégrader les propriétés des surfaces de l'appareil.
- Utilisez un câble USB de type-C (USB-A vers USB-C ou USB-C vers USB-C) d'une longueur inférieure à 3 mètres.



Avertissement

L'utilisation de cet équipement dans un environnement résidentiel peut provoquer des interférences radio.

Informations

■ À propos du droit d'auteur

- Toute copie du logiciel ou toute reproduction partielle ou intégrale de ce manuel, sous quelque forme que ce soit, est expressément interdite sans le consentement préalable écrit du fabricant.

■ À propos des fonctions/données intégrées à l'appareil

- Ce produit exploite un module Dante fourni par Audinate Pty. Ltd. Vous pouvez utiliser le logiciel Dante Controller pour afficher des informations sur le module Dante utilisé dans ce produit.
Pour plus d'informations sur la licence de logiciel Open Source applicable à chaque module Dante, consultez le site web Audinate.
<https://www.audinate.com/software-licensing>

■ À propos de ce manuel

- Les illustrations et les captures d'écran figurant dans ce manuel servent uniquement à expliciter les instructions.
- NEXO S.A. ne fournit aucune déclaration ou garantie quant à l'utilisation du logiciel et de la documentation, et ne peut être tenu responsable des résultats de l'utilisation de ce manuel et du logiciel.
- Les noms de sociétés et de produits cités dans ce manuel sont des marques commerciales ou des marques déposées appartenant à leurs détenteurs respectifs.
- Les logiciels sont susceptibles d'être modifiés et mis à jour sans avis préalable.

■ À propos du traitement des déchets

- Cet appareil contient des composants recyclables. Lorsque vous vous débarrasserez de cet appareil, veuillez vous adresser aux autorités locales compétentes.

NEXO ne peut être tenu responsable des détériorations causées par une mauvaise manipulation ou par des modifications apportées par l'utilisateur à l'appareil.

Le numéro de modèle, le numéro de série, l'alimentation requise, etc., se trouvent sur ou près de la plaque signalétique du produit, située en haut de l'unité. Notez le numéro de série dans l'espace fourni ci-dessous et conservez ce manuel en tant que preuve permanente de votre achat afin de faciliter l'identification du produit en cas de vol.

N° de modèle

N° de série

(1003-M06 plate top fr 01)

Introduction

Merci d'avoir acheté un processeur de signal NEXO DME10. Cet appareil peut traiter une grande variété de signaux audio. Ce Manuel de configuration explique comment configurer divers paramètres de base lors de l'installation. Pour garantir une utilisation du plein potentiel des fonctions du produit, veuillez à lire ce Manuel de configuration avant d'utiliser le produit. Après avoir lu ce Manuel de configuration, conservez-le soigneusement.

Fonctionnalités

• Processeur de signal programmable pour systèmes audio utilisés dans une large variété d'applications

Le DME10 est un processeur hautement configurable offrant des fonctions sophistiquées et une qualité audio remarquable adaptées à un large éventail d'applications. Outre les fonctions de mélange matriciel, d'égalisation, de delay, de compresseur et de porte, il possède aussi de nombreux composants prenant en charge une grande variété d'applications, telles que les applications de mélangeur automatique et de combineur de pièces. Il prend également en charge les systèmes audio de grande ampleur avec 256 × 256 canaux d'entrées et sorties Dante.

• Le logiciel ProVisionaire Design de Yamaha permet de concevoir un système audio intégral.

Le logiciel ProVisionaire Design vous permet de programmer diverses fonctions de traitement audio du DME10. Il permet aussi de concevoir un système audio entièrement intégré, avec les entrées/sorties et amplificateurs.

• Le logiciel AFC Image Controller de Yamaha permet de créer un environnement sonore immersif dans tout espace.

Le logiciel AFC Image Controller peut être utilisé pour configurer et contrôler un système AFC Image. Cet écosystème permet de créer une expérience acoustique immersive en offrant à l'utilisateur la flexibilité de contrôle de la position perçue des images sonores dans un environnement donné, en couvrant un large éventail d'applications, telles que dans les théâtres, salles d'opéra, salles de concert, installations sonores et parcs d'attractions.

• Prise en charge des commandes de contrôle externe de Yamaha

Le DME10 prend en charge tous les panneaux de commande (DCP) encastrés. Il prend aussi en charge le logiciel ProVisionaire Control PLUS pour Windows, permettant de réaliser des configurations personnalisées. Le DME10 permet aussi la personnalisation des environnements de fonctionnement en fonction des applications d'équipements spécifiques. ProVisionaire Control PLUS permet d'envoyer vos configurations vers le logiciel ProVisionaire Kiosk pour Windows et iOS et d'utiliser ce dernier comme outil dédié de gestion sur site.

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Contenu de l'emballage (veuillez vérifier)

- ☐ Manuel de configuration (ce manuel) × 1
- ☐ Connecteurs Euroblock (16 broches, pas de 3,50 mm) × 2
- ☐ Cordons d'alimentation × 2
- ☐ Crochet de câble × 1

Manuels fournis

- **Manuel de configuration du DME10 (ce manuel)**
Décrit de manière détaillée la procédure d'installation depuis le branchement de l'alimentation secteur jusqu'à la configuration du système.
- **Manuel de référence du DME10 (HTML)**
Explique comment configurer les paramètres et utiliser le système.
- **Guide d'utilisation de ProVisionaire Design de Yamaha (HTML)**
Explique comment utiliser le logiciel ProVisionaire Design permettant de contrôler le DME10 depuis un ordinateur.
<https://manual.yamaha.com/pa/pv/pvd/>
- **Guide d'utilisation du AFC Image Controller de Yamaha (HTML)**
Explique comment utiliser le logiciel AFC Image Controller pour contrôler AFC Image, un élément disponible en option, depuis un ordinateur.
https://manual.yamaha.com/audio/apps_software/afc_image_controller

Logiciel ProVisionaire Design de Yamaha

Ce logiciel sous Windows intègre les paramètres pour des appareils tels que les processeurs de signal, les amplificateurs de puissance et les interfaces audio.

Vous pouvez télécharger ProVisionaire Design depuis le site web suivant.

<https://www.yamahaproaudio.com/>

Pour plus d'informations, consultez le Guide d'utilisation de ProVisionaire Design (HTML).

Yamaha AFC Image

Ce système de contrôle de l'image sonore permet de produire une expérience acoustique immersive dans un large éventail d'applications, telles que les théâtres, salles d'opéra, salles de concert et d'autres installations.

Téléchargez depuis le site web suivant le logiciel AFC Image Controller permettant le contrôle de l'image sonore.

<https://www.yamahaproaudio.com/>

Pour plus d'informations, consultez le Guide d'utilisation d'AFC Image Controller (HTML).

Pilote USB Yamaha Steinberg

Le pilote logiciel USB Yamaha Steinberg permet de connecter le DME10 à un ordinateur via USB.

Jusqu'à huit (8) signaux d'entrée/sortie audio peuvent être échangés via un logiciel DAW (station de travail audio) et d'autres appareils.

Vous pouvez télécharger le pilote logiciel depuis le site web suivant.

<https://www.yamahaproaudio.com/>

Mise à jour du micrologiciel

Le micrologiciel de l'appareil peut être mis à jour afin d'améliorer l'opérabilité, d'ajouter des fonctions ou de remédier à des bogues.

Lorsqu'une mise à jour du micrologiciel est disponible, des informations correspondantes sont publiées sur le site web suivant.

<https://www.nexo-sa.com/>

Pour plus d'informations sur la procédure de mise à jour et sur les paramètres de l'appareil, veuillez consulter le Guide d'utilisation de ProVisionaire Design (HTML).

NOTE

Dans certains cas, une mise à jour pourrait être nécessaire pour assurer la compatibilité avec d'autres appareils, selon les versions des appareils intégrés dans le réseau Dante. Pour plus d'informations, consultez le tableau de compatibilité du micrologiciel, disponible sur le site web NEXO susmentionné.

Précautions d'usage pour le montage sur rack

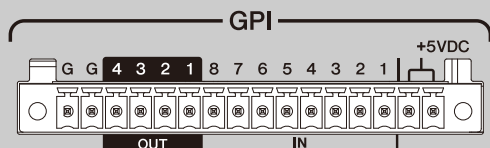
La plage de température de fonctionnement garantie pour l'appareil est de 0 à 40 °C. Pour une installation uniquement composée d'appareils DME10, plusieurs appareils peuvent être montés et utilisés sur un rack standard EIA sans laisser d'espace libre entre eux. Si le DME10 est monté sur un rack standard EIA avec d'autres appareils, la chaleur produite par ces appareils peut affecter ses performances, en raison de l'élévation de température à l'intérieur du rack. Afin d'éviter une accumulation de chaleur à l'intérieur de l'appareil, veuillez à monter les appareils en respectant les conditions suivantes.

- En cas d'installation avec un amplificateur de puissance ou d'autres appareils qui ont tendance à produire de la chaleur, laissez au moins une unité d'espace libre entre cet appareil et les autres appareils. De plus, afin d'assurer une ventilation appropriée, installez un panneau d'aération dans cet espace, ou laissez cet espace ouvert.
- Le DME10 est conçu pour que l'air entre par l'avant et ressorte par l'arrière. Aussi, n'installez pas le DME10 avec d'autres appareils qui aspirent l'air par l'arrière et le rejettent par l'avant.
- Laissez l'arrière ouvert et positionnez le rack à au moins 10 cm de tout mur ou du plafond. Si l'arrière du rack ne peut pas être laissé ouvert, utilisez un kit ventilateur ou un autre système de ventilation forcée disponible dans le commerce. En cas d'utilisation d'un kit ventilateur, notez que dans certains cas, le fait de fermer l'arrière du rack peut améliorer l'évacuation de la chaleur. Pour plus d'informations, consultez le mode d'emploi du rack et du kit ventilateur.

Installation de connecteurs Euroblock

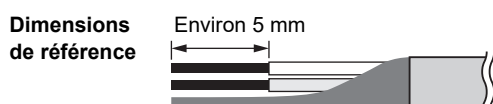
Utilisez les connecteurs Euroblock fournis pour raccorder les connecteurs [GPI].

3,5 mm
Euroblock à 16 broches



Préparation des fils de câble

Dénudez le câble à raccorder au connecteur Euroblock comme indiqué ci-dessous et raccordez les fils. Notez que le chevauchement ou les vibrations des fils raccordés au connecteur Euroblock peuvent provoquer la rupture des fils due à la fatigue du métal.

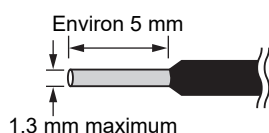


Attention

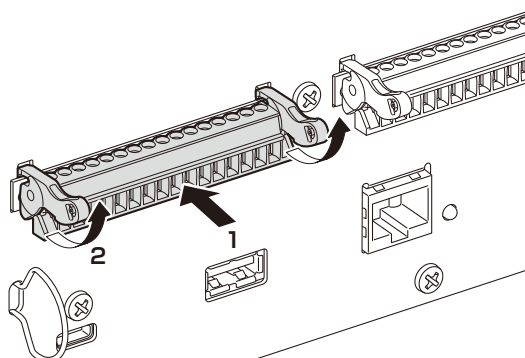
Si les connecteurs Euroblock sont connectés avec des fils conducteurs, ne soudez pas les fils ensemble.

Si les fils doivent être fréquemment débranchés et rebranchés, il est recommandé d'utiliser des embouts à broche avec manchon isolant. Utilisez des connecteurs à broche tels que celui illustré ci-dessous.

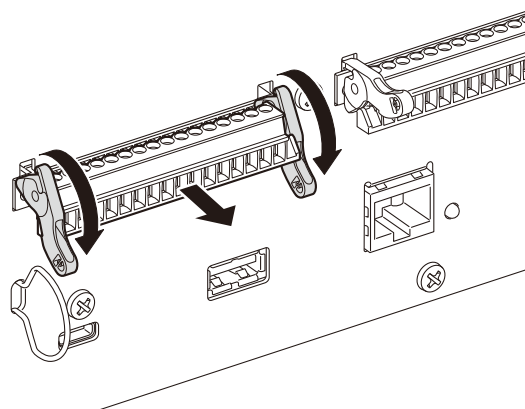
Utilisez un modèle d'un diamètre maximum de 1,3 mm et d'une longueur d'environ 5 mm (tel que le modèle Phoenix Contact A10, 5-6 WH).



1. Insérez le connecteur Euroblock à fond dans le connecteur [GPI] principal jusqu'à ce qu'il vienne en butée contre l'autre côté. Puis levez le loquet sur les côtés gauche et droit.



2. Pour débrancher les connecteurs Euroblock, abaissez les loquets gauche et droit et retirez le connecteur.



Branchement de l'alimentation



Avertissement

Utilisez toujours le cordon d'alimentation fourni avec l'appareil. N'utilisez pas le cordon d'alimentation fourni avec d'autres appareils. Cela pourrait provoquer une panne, un dégagement de chaleur, un incendie ou d'autres problèmes.



Attention

Veillez à mettre l'appareil hors tension avant de brancher/débrancher le cordon d'alimentation.

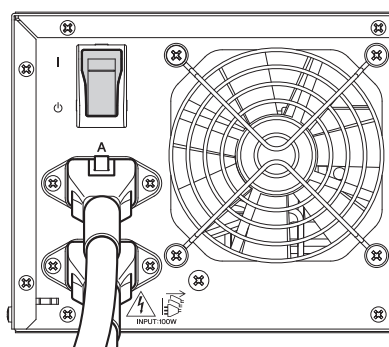
1. Branchez le cordon d'alimentation fourni. Connectez d'abord le cordon d'alimentation à l'appareil, puis branchez-le sur une prise secteur.

NOTE

- Pour débrancher le cordon d'alimentation, suivez la procédure ci-dessus en sens inverse.
- Appuyez sur le loquet du cordon d'alimentation pour débrancher le cordon.

Mise sous/hors tension

1. Activez (I) ou désactivez (⏻) l'alimentation avec l'interrupteur d'alimentation sur le panneau arrière.



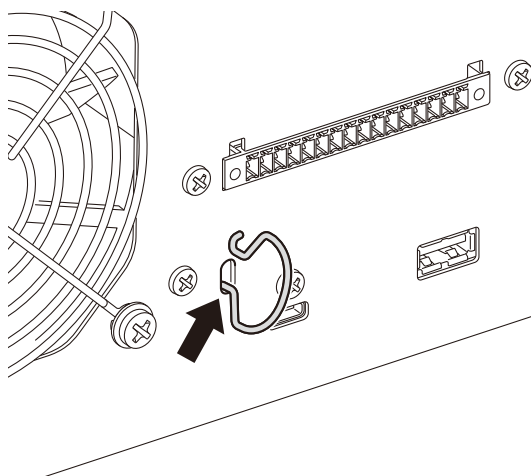
AVIS

- Le fait de mettre l'appareil sous tension et sous tension de manière rapide et consécutive pourrait causer un dysfonctionnement de l'appareil. Après avoir mis l'appareil hors tension en désactivant son interrupteur d'alimentation, attendez au moins six secondes avant de le mettre à nouveau sous tension.
- Une faible quantité de courant circule même lorsque l'appareil est mis hors tension. Veillez à débrancher le cordon d'alimentation de la prise secteur lorsque l'appareil n'est pas utilisé de manière prolongée.

Installation du crochet de câble

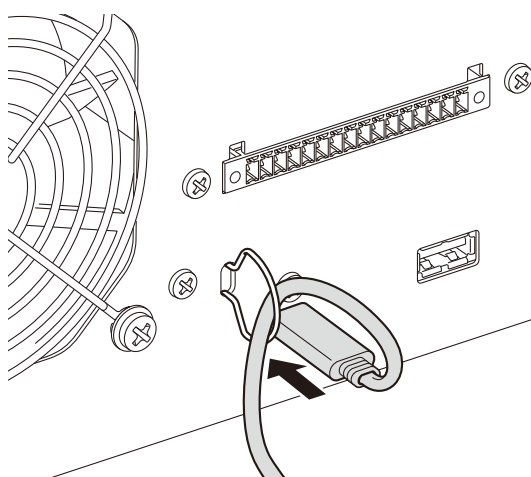
Un crochet de câble est fourni afin d'empêcher le débranchement accidentel du câble USB. Fixez le crochet du câble en exécutant les étapes ci-dessous.

1. Accrochez une extrémité du crochet de câble fourni à la partie inférieure de la fente de sécurité située en bas à gauche du panneau arrière.



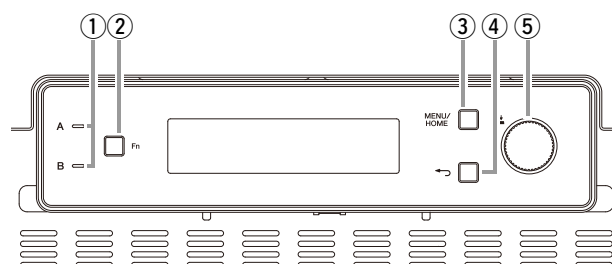
2. Accrochez l'autre extrémité du crochet dans la partie supérieure de la fente de sécurité.

3. Passez le câble USB à travers le crochet et branchez-le ensuite au port USB.



Paramètres de l'appareil

Vue d'ensemble du panneau avant



① Voyant [A/B]

Le voyant [A/B] indique si les connecteurs [A]/[B] AC IN (alimentation secteur) sont raccordés à l'alimentation. Ce voyant est allumé en vert lorsque l'appareil est sous tension.

② Touche [Fn]

Appuyez sur la touche [Fn] pour afficher l'écran [Device Mute]. Appuyez à nouveau dessus pour afficher l'écran [Control Function].

③ Touche [MENU/HOME]

Appuyez sur la touche [MENU/HOME] pour basculer entre les écrans [Menu] et [Home].

④ Touche [↩] (retour)

Appuyez sur la touche [↩] (retour) pour afficher l'écran précédent.

⑤ Bouton principal

Tournez le bouton principal pour sélectionner les paramètres et modifier les valeurs de réglage des paramètres. Appuyez sur ce bouton pour appliquer le réglage.

Paramètre PANEL LOCK/UNLOCK

Maintenez enfoncées les touches [MENU/HOME] et [↩] (retour) pendant au moins deux secondes pour verrouiller ou déverrouiller l'écran.

Une icône de clé s'affiche sur l'écran [Home] lorsque l'écran est verrouillé.

Configuration de l'ID de l'appareil

Lorsque plusieurs appareils DME10 sont utilisés, veillez à ce qu'il n'y ait pas de conflit d'ID entre les appareils.

1. Dans l'écran [Menu], tournez le bouton principal pour sélectionner [Settings], puis appuyez sur le bouton pour appliquer le réglage.

L'écran [Unit ID] apparaît.



2. Dans l'écran [Unit ID], appuyez sur le bouton principal pour activer le mode d'édition.

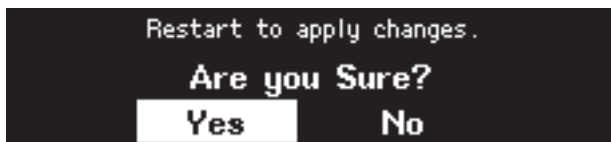


3. Tournez le bouton principal pour sélectionner l'ID souhaité.

Lorsque l'ID d'un appareil est modifié, la valeur clignote. La plage de valeur hexadécimale s'étend de 01 à FE.

4. Lorsque l'ID d'un appareil que vous souhaitez modifier est sélectionné, appuyez sur le bouton principal.

Un message s'affiche, vous invitant à redémarrer l'appareil.

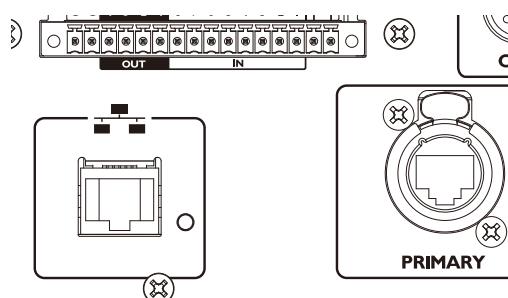


5. Tournez le bouton principal pour sélectionner [Yes], puis appuyez sur le bouton pour appliquer le réglage.

La nouvelle valeur d'ID est appliquée après le redémarrage de l'appareil.

Connexion au logiciel ProVisionaire Design de Yamaha

Raccordez directement au connecteur réseau ou au connecteur Dante PRIMARY situé sur le panneau arrière de l'appareil l'ordinateur (sur lequel le logiciel ProVisionaire Design est installé), ou bien raccordez-le via un commutateur réseau.



Configuration de l'adresse IP

L'adresse IP définit le port de contrôle DME (DME Control Port1, DME Control Port2) utilisé pour communiquer avec le logiciel ProVisionaire Design de Yamaha.

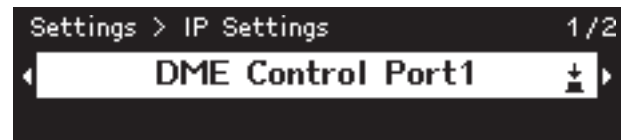
1. Dans l'écran [Menu], tournez le bouton principal pour sélectionner [Settings], puis appuyez sur le bouton pour appliquer le réglage.

L'écran [Unit ID] apparaît.



2. Tournez le bouton principal pour sélectionner [IP Settings], puis appuyez sur le bouton pour appliquer le réglage.

L'écran [DME Control Port1] apparaît.



3. Dans l'écran [DME Control Port1], appuyez sur le bouton principal pour sélectionner l'écran [Network Mode].



4. Appuyez sur le bouton principal pour activer le mode d'édition.

5. Tournez le bouton principal pour sélectionner [Unit ID], puis appuyez dessus pour appliquer la sélection.



Ceci définit l'adresse IP sur 192.168.0.x (où « x » est l'ID de l'appareil) et le masque de sous-réseau sur 255.255.255.0.

L'adresse IP et le masque de sous-réseau sont tous deux exprimés en format décimal.

NOTE

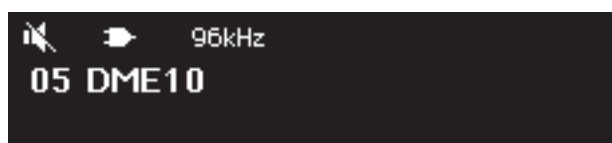
Pour des informations sur la configuration en mode DHCP ou en mode IP statique, consultez le Guide d'utilisation de ProVisionaire Design de Yamaha.

Activation et désactivation de la sourdine

1. Appuyez sur la touche [Fn] pour afficher l'écran [Device Mute].



2. Tournez le bouton principal pour sélectionner [Yes], puis appuyez dessus pour appliquer la sélection.
L'état de la sourdine (activée/désactivée) est indiqué par les icônes en haut de l'écran [Home].



Pour désactiver la sourdine, appuyez de nouveau sur la touche [Fn].

NOTE

Appuyez sur la touche [Fn] deux fois de suite pour afficher l'écran d'activation/désactivation de la fonction de contrôle. Vous pouvez ensuite régler les paramètres en suivant la même procédure décrite ci-dessus.

Restauration (réinitialisation) des réglages d'usine par défaut

Il existe deux manières de réinitialiser l'appareil.

En sélectionnant [Settings] puis [Initialize Settings]

Ne coupez pas l'alimentation de l'appareil pendant la procédure de réinitialisation.

1. Dans l'écran [Menu], tournez le bouton principal pour sélectionner [Settings], puis appuyez sur le bouton pour appliquer le réglage.

L'écran [Unit ID] apparaît.



2. Tournez le bouton principal pour sélectionner [Initialize Settings], puis appuyez sur le bouton pour appliquer le réglage.



Un écran permettant de définir le paramètre que vous voulez initialiser s'affiche alors.

3. Tournez le bouton principal pour sélectionner le paramètre à initialiser, puis activez (On) uniquement ce paramètre.



Outre les paramètres de traitement du signal, les paramètres suivants sont également réinitialisés s'ils sont activés.

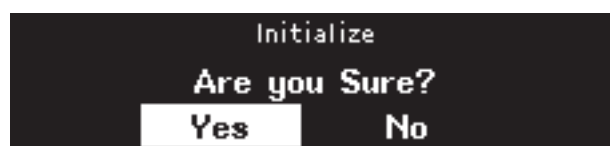
IP Settings
Unit ID/ Device Name
Dante Settings
Stored Files

NOTE

Ce processus de réinitialisation normale ne réinitialise pas le code PIN administrateur ni les informations d'activation de licence.

4. Une fois la sélection des paramètres terminée, tournez le bouton principal pour sélectionner [Initialize] puis appuyez sur le bouton.

Un écran de confirmation de réinitialisation apparaît.



5. Tournez le bouton principal pour sélectionner [Yes], puis appuyez dessus pour appliquer la sélection.

Le système redémarre automatiquement une fois que le processus de réinitialisation est achevé.

En forçant la réinitialisation en cas d'oubli du code PIN

En cas d'oubli du code PIN spécifié pour verrouiller l'écran ou du code PIN administrateur, et qu'il n'est pas possible de sélectionner [Initialize] dans l'écran [Settings], la méthode suivante peut être employée pour forcer la réinitialisation.

NOTE

Cette procédure de réinitialisation forcée ne modifie pas les informations d'activation de licence, mais restaure tous les autres paramètres aux réglages d'usine par défaut.

1. Tout en maintenant enfoncées les touches [Fn], [MENU/HOME] et [↩] (retour), mettez l'appareil sous tension.
2. Maintenez ces trois touches enfoncées jusqu'à ce que le logo NEXO et ensuite l'écran de réinitialisation soient affichés.

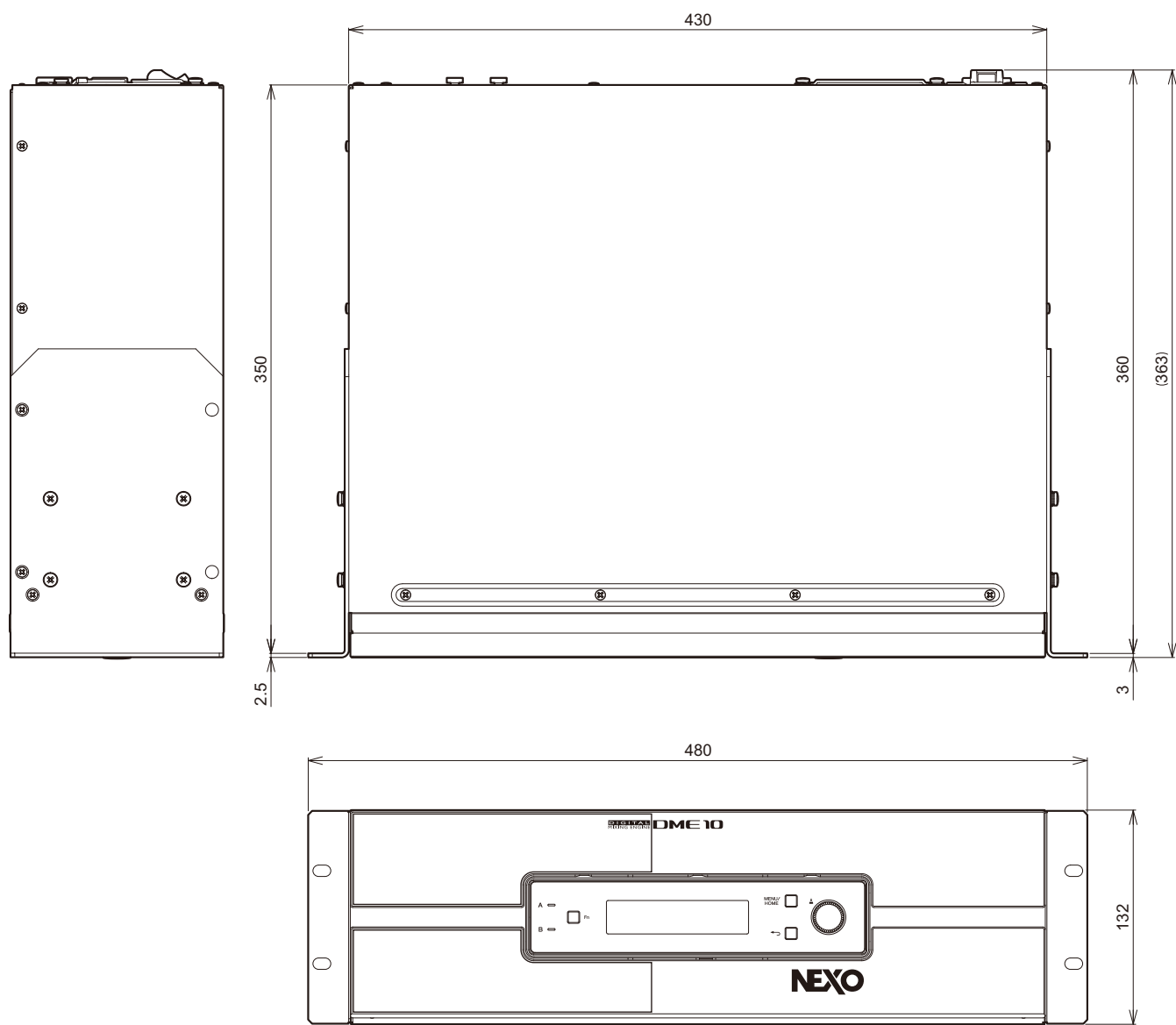
Le système redémarre automatiquement une fois que le processus de réinitialisation est achevé.

Caractéristiques techniques générales

Interface Dante	Nombre de canaux	256 IN (entrées), 256 OUT (sorties), redondantes
	Fréquence d'échantillonnage	44,1/48/88,2/96 kHz
	Profondeur de bits	24/32 bits
Audio USB	Nombre de canaux	8 IN (entrée), 8 OUT (sortie) avec SRC
	Fréquence d'échantillonnage	44,1/48/88,2/96 kHz
Connecteurs	Dante	etherCON × 2 (PRIMARY / SECONDARY) 1000Base-T
	DCP	RJ45 × 1
	USB TO HOST	USB 2.0 de type C (audio USB)
	USB TO DEVICE	USB 2.0 de type A (pour la sauvegarde de fichier)
	Réseau	RJ45 × 1 100Base-TX
	GPIO	Euroblock 16 broches (mini) × 2 (GPI × 16, GPO × 8, alimentation +5 V × 4)
	MIDI	DIN 5 broches × 2 (IN, OUT)
	AC IN	Prise secteur (IEC, V-Lock) × 2
Alimentation secteur requise		100 V à 240 V ; 50 Hz/60 Hz
Consommation électrique		100 W
Température de fonctionnement		0 °C à +40 °C
Température de stockage		-20 °C à +60 °C
Dimensions (L × H × P)		480 × 132 × 363 mm (3U)
Poids net		9,5 kg
Contenu de l'emballage		Manuel de configuration (ce manuel), connecteurs Euroblock (16 broches, pas de 3,50 mm) × 2, cordons d'alimentation × 2, crochet de câble × 1

* Le contenu de ce mode d'emploi s'applique aux dernières caractéristiques techniques connues à la date de publication du manuel. Pour obtenir la version la plus récente du manuel, accédez au site Web de NEXO puis téléchargez le fichier du manuel concerné.

Dimensions/Abmessungen/Dimensions/Dimensiones/Dimensões/
 Dimensioni/Размеры/尺寸/尺寸/치수/寸法図



Unit: mm

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```
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```
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author>
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stribute it under certain conditions; type `show c'
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```

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Information for users on collection and disposal of old equipment and used batteries:



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste. For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.



For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

For business users in the European Union:

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.



Information on Disposal in other Countries outside the European Union:

These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

Note for the battery symbol (bottom two symbol examples):

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the EU Battery Directive for the chemical involved.

Cd

(58-M03 WEEE battery en 01)

Informations concernant la collecte et le traitement des piles usagées et des déchets d'équipements électriques et électroniques



Les symboles sur les produits, l'emballage et/ou les documents joints signifient que les produits électriques ou électroniques usagés ainsi que les piles usagées ne doivent pas être mélangés avec les déchets domestiques habituels.

Pour un traitement, une récupération et un recyclage appropriés des déchets d'équipements électriques et électroniques et des piles usagées, veuillez les déposer aux points de collecte prévus à cet effet, conformément à la réglementation nationale.

En vous débarrassant correctement des déchets d'équipements électriques et électroniques et des piles usagées, vous contribuerez à la sauvegarde de précieuses ressources et à la prévention de potentiels effets négatifs sur la santé humaine qui pourraient advenir lors d'un traitement inapproprié des déchets.

Pour plus d'informations à propos de la collecte et du recyclage des déchets d'équipements électriques et électroniques et des piles usagées, veuillez contacter votre municipalité, votre service de traitement des déchets ou le point de vente où vous avez acheté les produits.



Pour les professionnels dans l'Union européenne :

Si vous souhaitez vous débarrasser des déchets d'équipements électriques et électroniques, veuillez contacter votre vendeur ou fournisseur pour plus d'informations.



Informations sur la mise au rebut dans d'autres pays en dehors de l'Union européenne :

Ces symboles sont seulement valables dans l'Union européenne. Si vous souhaitez vous débarrasser de déchets d'équipements électriques et électroniques ou de piles usagées, veuillez contacter les autorités locales ou votre fournisseur et demander la méthode de traitement appropriée.

Note pour le symbole « pile » (deux exemples de symbole ci-dessous) :

Ce symbole peut être utilisé en combinaison avec un symbole chimique. Dans ce cas, il respecte les exigences établies par la directive européenne relative aux piles pour le produit chimique en question.

Cd

(58-M03 WEEE battery fr 01)

Informationen zur Rückgabe von Elektro -und Elektronikgeräten, Lampen und Batterien, gültig für Deutschland

Elektro- und Elektronische Altgeräte beinhalten eine Vielzahl von wertvollen und wiederverwendbaren Rohstoffen und gehören im Falle einer Entsorgung nicht in die Restmülltonne, sondern Altgeräte sind getrennt zu sammeln und zu entsorgen. Besitzer von Altgeräten tragen damit zur sicheren Entsorgung bei und helfen, mögliche umwelt- oder gesundheitsschädlichen Folgen zu vermeiden.

Zerstörungsfrei entnehmbare Altbatterien und Altkumulatoren sowie Lampen, sind vor der Entsorgung zu entfernen und getrennt zu behandeln. Alte oder defekte Batterien und Akkus können überall dort, wo Batterien verkauft werden, kostenfrei zurückgegeben werden. Ebenso die kommunalen Wertstoffhöfe nehmen alte Batterien und Akkus zurück. Das Symbol mit der durchgestrichenen Mülltonne weist darauf hin, dass Batterien und/oder Akkus getrennt vom Hausmüll gesammelt und entsorgt werden müssen.

Wenn die Batterie oder der Akku mehr als die in der europäischen Batterie-Richtlinie spezifizierten Werte für Blei (Pb), Quecksilber (Hg) und/oder Kadmium (Cd) enthält, werden die chemischen Symbole für Blei (Pb), Quecksilber (Hg) und/oder Kadmium (Cd) unter dem Symbol mit der durchgestrichenen Mülltonne angezeigt.

Indem Sie Batterien separat sammeln, tragen Sie zur sicheren Entsorgung von Produkten und Batterien bei und helfen damit, mögliche umwelt- oder gesundheitsschädliche Folgen zu vermeiden. Bringen Sie dazu alle Batterien und/oder Akkus zu Ihrem örtlichen Wertstoffhof oder einem Geschäft bzw. einer Einrichtung, wo diese Geräte zur umweltfreundlichen Entsorgung gesammelt werden.

Batterien und Akkus können bei unsachgemäßer Handhabung Risiken für Mensch und Umwelt bedeuten. Insbesondere bei Lithium handelt es sich um ein sehr reaktionsfreudiges und brennbares Metall, dass in Batterien oder Akkus bei unsachgemäßem Umgang Sicherheitsrisiken birgt, wie z. B. Kurzschlussgefahr, Hitzeentwicklung, Brand oder Austritt von umweltgefährdenden Stoffen. Lithium-Akkus müssen aus Sicherheitsgründen vor der Entsorgung gesichert werden. Kleben Sie die Anschlüsse mit Isolierband ab.



Cd

Hinweis zur Verpflichtung von Vertriebern zur unentgeltlichen Rücknahme von Altgeräten in Bezug auf Elektrogesetz §17 Absatz 1 und 2:

Rücknahmepflicht größerer Elektrofachmärkte (also Elektro-Fachgeschäfte, mit einer Verkaufsfläche für Elektro- und Elektronikgeräte von mindestens 400 m²),

Rücknahmepflicht für Lebensmittelläden mit einer Gesamtverkaufsfläche von mindestens 800 m², die mehrmals pro Jahr oder dauerhaft Elektro- und Elektronikgeräte anbieten und auf dem Markt bereitstellen.

Diese Händler müssen bei der Abgabe eines neuen Elektrogeräts an einen Endnutzer ein Altgerät der gleichen Art kostenfrei zurücknehmen (1:1-Rücknahme); dies gilt auch für Lieferungen an private Haushalte.

Diese Händler sind verpflichtet von Endnutzern bis zu drei kleine Altgeräte (keine äußere Abmessung größer als 25 cm) kostenfrei im Einzelhandelsgeschäft oder in unmittelbarer Nähe zu diesem zurückzunehmen, ohne dass dies an einen Neukauf geknüpft werden darf (0:1-Rücknahme).

Diese Rücknahmepflichten gelten auch für den Versandhandel, wobei die Pflicht zur 1:1-Rücknahme im privaten Haushalt nur für Wärmeüberträger (Kühl-/Gefriergeräte, Klimageräte u.a.), Bildschirmgeräte und Großgeräte gilt; für die die 1:1-Rücknahme von Lampen, Kleingeräten und kleinen ITK-Geräten durch Endnutzer sowie die 0:1-Rücknahme müssen Versandhändler Rückgabemöglichkeiten in zumutbarer Entfernung zum Endverbraucher bereitstellen.

Als Hersteller informieren wir darüber, dass Altgeräte privater Haushalte (B2C Geräte) an einer dafür vorgesehenen Sammelstelle zurückgegeben werden können. Für Details wenden Sie sich an Ihre örtliche Behörden. Weiterführende Informationen finden Sie hier: <https://www.stiftung-ear.de/de/startseite> oder hier: <https://e-schrott-entsorgen.org/>.



Achtung: Die Verantwortung für das Löschen von personenbezogenen Daten, die sich auf dem zu entsorgenden Gerät befinden, liegt beim Endnutzer!

Das Symbol mit der durchgestrichenen Mülltonne weist darauf hin, dass Produkte, deren Batterien/Akkumulatoren und/oder Verpackungen getrennt vom Hausmüll gesammelt und entsorgt werden müssen. Der schwarze Balken zeigt an, dass das Produkt nach dem 13. August 2005 auf den Markt gebracht wurde.

Die Sammel- und Recyclingquoten der Bundesrepublik Deutschland können auf der Seite des Bundesumweltministeriums eingesehen werden: <https://www.bmu.de/themen/wasser-ressourcen-abfall/kreislaufwirtschaft/statistiken/elektro-und-elektronikaltgeraete>.

(58-M02 WEEE de 03)

Información para usuarios sobre la recogida y eliminación de los equipos antiguos y las pilas usadas



Estos símbolos en los productos, embalajes y documentos anexos significan que los productos eléctricos y electrónicos y sus pilas no deben mezclarse con los desperdicios domésticos normales.

Para el tratamiento, recuperación y reciclaje apropiados de los productos antiguos y las pilas usadas, llévelos a puntos de reciclaje correspondientes, de acuerdo con la legislación nacional.

Al deshacerse de estos productos y pilas de forma correcta, ayudará a ahorrar recursos valiosos y a impedir los posibles efectos desfavorables en la salud humana y en el entorno que de otro modo se producirían si se trataran los desperdicios de modo inapropiado.

Para obtener más información acerca de la recogida y el reciclaje de los productos antiguos y las pilas, póngase en contacto con las autoridades locales, con el servicio de eliminación de basuras o con el punto de venta donde adquirió los artículos.

Para los usuarios empresariales de la Unión Europea:

Si desea desechar equipos eléctricos y electrónicos, póngase en contacto con su vendedor o proveedor para obtener más información.

Información sobre la eliminación en otros países fuera de la Unión Europea:

Estos símbolos solamente son válidos en la Unión Europea. Si desea desechar estos artículos, póngase en contacto con las autoridades locales o con el vendedor y pregúnteles el método correcto.

Nota sobre el símbolo de pila (dos ejemplos de símbolos en la parte inferior):

Este símbolo se puede utilizar en combinación con un símbolo químico. En este caso, cumple el requisito establecido por la Directiva de la UE sobre pilas correspondiente a la sustancia química utilizada.

Cd

(58-M03 WEEE battery es 01)

Informações para os usuários relativas à coleta e à eliminação de baterias e equipamentos usados



Os símbolos ilustrados, presentes em produtos, embalagens e/ou incluídos na documentação associada, indicam que as baterias e os produtos elétricos e eletrônicos usados não devem ser descartados juntamente com os resíduos domésticos em geral.

O procedimento correto consiste no tratamento, na recuperação e na reciclagem de produtos e baterias usados, que devem ser levados aos pontos de coleta adequados, em conformidade com a legislação nacional em vigor.

O descarte desses produtos e baterias de forma adequada permite poupar recursos valiosos e evitar potenciais efeitos prejudiciais para a saúde pública e para o ambiente, associados ao processamento incorreto dos resíduos.

Para obter mais informações relativas à coleta e à reciclagem de baterias e produtos usados, contate as autoridades locais, o serviço de descarte de resíduos ou o ponto de venda onde foram adquiridos os itens relevantes.

Informações para usuários empresariais na União Europeia:

Para descartar equipamentos elétricos e eletrônicos, contate o seu revendedor ou fornecedor para obter informações adicionais.

Informações relativas ao descarte em países não pertencentes à União Europeia:

Estes símbolos são válidos exclusivamente na União Europeia. Caso pretenda descartar esses tipos de itens, contate as autoridades locais ou o seu revendedor e informe-se sobre o procedimento correto de descarte.

Nota relativa ao símbolo referente a baterias (os dois exemplos de símbolos na parte inferior):

Este símbolo poderá ser apresentado juntamente com um símbolo químico. Nesse caso, ele estará em conformidade com os requisitos estabelecidos na diretiva da UE sobre baterias no âmbito do elemento químico relacionado.

Cd

(58-M03 WEEE battery pt-BR 01)

Informazioni per gli utenti sulla raccolta e lo smaltimento di vecchia attrezzatura e batterie usate



Questi simboli sui prodotti, sull'imballaggio e/o sui documenti che li accompagnano, indicano che i prodotti elettrici ed elettronici e le batterie non devono essere mischiati con i rifiuti generici.

Per il trattamento, il recupero e il riciclaggio appropriato di vecchi prodotti e batterie usate, si prega di portarli ai punti di raccolta designati, in accordo con la legislazione locale.

Smaltendo correttamente questi prodotti e batterie si potranno recuperare risorse preziose, oltre a prevenire potenziali effetti negativi sulla salute e l'ambiente che potrebbero sorgere a causa del trattamento improprio dei rifiuti.

Per ulteriori informazioni sulla raccolta e il riciclaggio di vecchi prodotti e batterie, si prega di contattare l'amministrazione comunale locale, il servizio di smaltimento dei rifiuti o il punto vendita dove sono stati acquistati gli articoli.

Per utenti imprenditori dell'Unione europea:

Se si desidera scartare attrezzatura elettrica ed elettronica, si prega di contattare il proprio rivenditore o il proprio fornitore per ulteriori informazioni.

Informazioni sullo smaltimento negli altri Paesi al di fuori dell'Unione europea:

Questi simboli sono validi solamente nell'Unione Europea; se si desidera scartare questi articoli, si prega di contattare le autorità locali o il rivenditore e richiedere informazioni sulla corretta modalità di smaltimento.

Note per il simbolo della batteria (in basso due esempi del simbolo):

È possibile che questo simbolo sia usato in combinazione con un simbolo chimico. Questo caso è conforme al requisito stabilito dalle Direttive UE sulle batterie relative agli elementi chimici contenuti.

Cd

(58-M03 WEEE battery it 01)

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© 2025 NEXO S.A.
Published 05/2025
2025年 5月 发行
IPES-A0



VHY8260