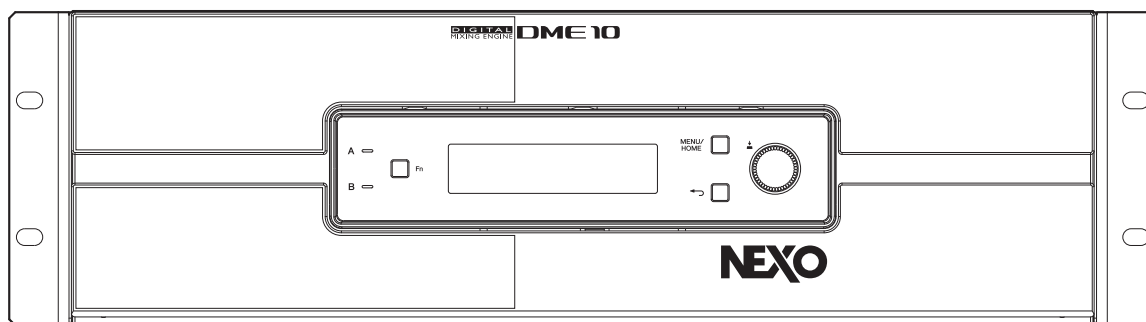




SIGNAL PROCESSOR

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)

PRECAUÇÕES

LEIA COM ATENÇÃO ANTES DE CONTINUAR

Mantenha este manual em lugar seguro para futuras referências.



ADVERTÊNCIAS

Siga sempre as precauções básicas listadas abaixo para evitar a possibilidade de ferimentos graves ou até mesmo morte por choque elétrico, curto circuito, danos, incêndios ou outros riscos. Entre essas precauções estão, mas não estão limitadas a:

Se você observar qualquer anormalidade

- Se ocorrer algum dos seguintes problemas, desligue imediatamente o interruptor de energia e desconecte o plugue elétrico da tomada.
 - O cabo de alimentação ou o plugue estão desfiados ou danificados.
 - Odores estranhos ou fumaça são emitidos.
 - Algum objeto ou água caiu no produto.
 - Há uma perda repentina de som durante o uso do produto.
 - Rachaduras ou outros danos visíveis aparecem no produto.
- Em seguida, leve o produto para inspeção ou reparo por pessoal de serviço qualificado da NEXO.

Fonte de alimentação

- Não coloque o cabo de alimentação perto de fontes de calor, como aquecedores ou radiadores, e não dobre excessivamente ou danifique o cabo, não coloque objetos pesados sobre ele ou o coloque em uma posição onde alguém possa pisar, tropeçar ou rolar algo sobre ele.
- Utilize somente a voltagem especificada como correta para o produto. A tensão correta está impressa na placa de identificação do produto.
- Utilize somente o cabo de alimentação/plugue fornecido ou especificado.

Se você pretende usar o produto em uma área diferente daquela em que o comprou, o cabo de alimentação incluído pode não ser compatível. Entre em contato com seu revendedor NEXO.
- Não use o cabo/plugue fornecido para outros produtos.
- Verifique o plugue elétrico periodicamente e remova qualquer sujeira ou poeira que possa ter se acumulado nele.
- Certifique-se de inserir totalmente o plugue elétrico para evitar choques elétricos ou incêndio.
- Este produto recebe energia de várias fontes. Durante a instalação do produto, verifique se a tomada de corrente alternada (CA) que está usando pode ser alcançada com facilidade. Caso ocorra algum problema ou mau funcionamento, desligue imediatamente o interruptor de energia e desconecte todos os plugues da tomada. Mesmo quando a chave Liga/Desliga estiver na posição desligada, se o cabo de alimentação não estiver desconectado da tomada CA na parede, o produto não estará desconectado da fonte de energia.



- Retire o plugue elétrico da tomada quando o produto não for utilizado por longos períodos de tempo.
- Não toque no produto nem no plugue elétrico durante uma tempestade elétrica.
- Certifique-se de conectar a uma tomada apropriada com aterramento de proteção. O aterramento incorreto pode causar choque elétrico, incêndio ou danos.

Não abra

- Este produto não contém peças que possam ser reparadas pelo usuário. Não tente desmontar as peças internas ou modificá-las de modo algum.

Advertência: água

- Não exponha o produto à chuva, não o utilize perto de água ou em condições úmidas ou molhadas, nem coloque sobre ele recipientes (como vasos, garrafas ou copos) contendo líquidos que possam derramar em alguma abertura.
- Nunca insira ou remova um plugue elétrico com as mãos molhadas.

Advertência: incêndio

- Não coloque objetos incandescentes ou chamas abertas perto do produto, pois podem causar incêndio.

Perda da audição

- Antes de conectar o produto a outros dispositivos, desligue todos os dispositivos. Além disso, antes de ligar ou desligar todos os dispositivos, certifique-se de que todos os níveis de volume estejam no mínimo. Se não o fizer, pode resultar em perda de audição, choque elétrico ou danos no aparelho.
- Ao ligar a energia CA do seu sistema de áudio, sempre ligue o amplificador de potência POR ÚLTIMO, para evitar perda de audição e danos aos alto-falantes. Ao desligar a energia, o amplificador de potência deve ser desligado PRIMEIRO pelo mesmo motivo.

Battery (Pilha)

- Carrega dentro da faixa de temperatura de carregamento especificada. Carregar em uma temperatura fora da faixa pode causar vazamento, superaquecimento, explosão ou danos.
- Não descarte a bateria no fogo. Não exponha a bateria a condições de pressão de ar extremamente baixa, frio ou calor (como luz solar direta ou fogo) ou poeira ou umidade excessivas. Isso pode fazer com que a bateria estoure, causando incêndio ou ferimentos.
- Não desmonte a bateria. Deixar de seguir essa precaução pode resultar em incêndio, superaquecimento, explosão ou mau funcionamento. Se o conteúdo da pilha entrar em contato com as mãos ou os olhos, poderá causar cegueira ou queimaduras por elementos químicos.



CUIDADO

Siga sempre as precauções básicas mencionadas abaixo para evitar que você ou outras pessoas se machuquem. Entre essas precauções estão, mas não estão limitadas a:

Fonte de alimentação

- Ao desconectar o plugue elétrico do produto ou da tomada, segure sempre pelo plugue e não pelo cabo. Se você puxar o cabo, ele poderá ser danificado.

Localização e conexão

- Não coloque o produto em uma posição instável ou em um local com vibração excessiva, onde ele possa cair acidentalmente e causar ferimentos.
- Mantenha este produto fora do alcance de crianças. Este produto não é adequado para uso em locais com a presença provável de crianças.
- Não bloqueie as aberturas de ventilação. Este produto tem orifícios de ventilação na parte frontal/traseira para evitar que a temperatura interna fique muito alta. Em particular, não coloque o produto de lado ou de cabeça para baixo. Ventilação inadequada pode resultar em superaquecimento, podendo causar danos aos produtos ou até mesmo incêndio.
- Para garantir a dissipação adequada do calor do produto, ao instalá-lo:
 - Não o cubra com nenhum pano.
 - Não instale sobre carpetes ou tapetes.
 - Certifique-se de que a superfície superior esteja voltada para cima; não instale de lado ou de cabeça para baixo.
 - Não utilize o produto em locais confinados e mal ventilados. Ventilação inadequada pode resultar em superaquecimento, podendo causar danos aos produtos ou até mesmo incêndio. Certifique-se de que haja espaço adequado ao redor do produto: pelo menos 10 cm nas laterais e 15 cm atrás.
- Se o produto for montado em um rack padrão EIA, leia atentamente a seção "Precauções para a montagem em suporte" na página 47. A ventilação inadequada pode resultar em superaquecimento, podendo causar danos aos produtos, mau funcionamento ou até mesmo incêndio. Se este produto for usado em um espaço pequeno diferente de um rack padrão EIA, certifique-se de que haja espaço adequado ao redor do produto: pelo menos 10 cm nas laterais e 15 cm atrás.
- Não coloque o produto em um local onde ele possa entrar em contato com gases corrosivos ou maresia. Isso pode resultar em mau funcionamento.
- Antes de mover o produto, remova todos os cabos conectados.

Manutenção

- Remova o plugue de alimentação da tomada CA ao limpar o produto.

Cuidado no manuseio

- Não insira os dedos ou as mãos em nenhuma abertura ou fresta do produto (ventilação).
- Não apoie seu peso sobre o produto nem coloque objetos pesados sobre ele.

Pilha reserva

- Não substitua a pilha reserva por conta própria. Fazê-lo pode causar uma explosão e/ou danos aos produtos.

Quando a pilha reserva precisar ser trocada, será exibido "Low Battery" (Bateria Fraca) ou "No Battery" (Sem Bateria) no visor. Nesse caso, entre em contato com o fornecedor NEXO para que o serviço técnico NEXO substitua a pilha reserva.

AVISO

Para evitar a possibilidade de mau funcionamento/danos no produto, danos nos dados ou danos noutros bens, siga os avisos abaixo.

■ Manuseamento e manutenção

- Não ligue este produto diretamente a uma rede Wi-Fi e/ou Internet pública. Apenas ligue este produto à Internet através de um router com forte proteção por palavra-passe. Consulte o fabricante do router para obter informações sobre boas práticas de segurança.
- Não utilize o produto nas proximidades de uma televisão, um rádio ou outros produtos elétricos. Caso contrário, o produto, a televisão ou o rádio pode gerar ruído.
- Não exponha o produto a poeira ou vibração excessiva, ou frio ou calor extremos, de modo a evitar a possibilidade de desfiguração do painel, funcionamento instável ou danos nos componentes internos.
- Não instale em locais onde as mudanças de temperatura sejam severas. Caso contrário, pode formar-se condensação no interior ou na superfície do produto, provocando a sua quebra.
- Se houver razões para crer que possa ter ocorrido condensação, deixe o produto desligado da corrente durante várias horas até a condensação secar completamente, de modo a evitar possíveis danos.
- Não coloque objetos em vinil, plástico ou borracha sobre o produto, uma vez que isto pode causar alteração ou descoloração do painel.
- Limpe o produto com um pano seco e macio. Não limpe as superfícies do produto com hipoclorito de sódio, álcool, benzina, diluentes de tinta, líquidos de limpeza ou panos de limpeza impregnados com produtos químicos, pois isso pode causar descoloração ou alterar as características da superfície.
- Utilize um cabo USB tipo C (USB-A a USB-C ou USB-C a USB-C) com menos de 3 metros de comprimento.



Advertências

O funcionamento deste equipamento num ambiente residencial poderia causar interferências radioelétricas.

Informações

■ Sobre direitos autorais

- A cópia do software ou a reprodução deste manual, no todo ou em parte, por qualquer meio, é expressamente proibida sem o consentimento por escrito do fabricante.

■ Acerca das funções/dados agrupados no produto

- Este produto usa um módulo Dante fornecido pela Audinate Pty. Você pode usar o Dante Controller para exibir informações sobre o módulo Dante usado neste produto. Visite o site da Audinate para obter mais informações sobre a licença de software de código aberto aplicável a cada módulo Dante.
<https://www.audinate.com/software-licensing>

■ Acerca deste manual

- As ilustrações e telas mostradas neste manual são apenas para fins instrucionais.
- A NEXO S.A. não faz representações ou garantias com relação ao uso do software e da documentação e não pode ser responsabilizada pelos resultados do uso deste manual e do software.
- Os nomes de empresas e produtos neste manual são marcas comerciais ou marcas registradas de suas respectivas empresas.
- O software poderá ser revisto e atualizado sem aviso prévio.

■ Acerca da eliminação

- Este produto contém componentes recicláveis. Ao eliminar este produto, queira contactar as autoridades locais competentes.

A NEXO não pode ser responsabilizada por danos causados por uso indevido ou modificações no produto, ou por dados perdidos ou destruídos.

O número de modelo, número de série, requisitos de energia, etc. podem ser encontrados na placa de nome, que está na parte superior da unidade. Anote-o no espaço reservado abaixo e guarde este manual como registro de compra permanente para auxiliar na identificação do produto em caso de roubo.

Nº do modelo

Nº de série

(1003-M06 plate top pt 01)

Introdução

Obrigado por adquirir um processador de sinal NEXO DME10. Este produto pode processar uma ampla gama de sinais de áudio. Este Guia de Configuração explica como configurar diversas configurações básicas durante a instalação. Para garantir que você possa utilizar corretamente todas as funções do produto, leia este Guia de configuração antes de usar o produto. Depois de ler este Guia de configuração, guarde-o para referência futura.

Características

• Processador de sinal programável para sistemas de áudio em uma ampla variedade de aplicações

O DME10 é um processador altamente configurável que oferece funcionalidade sofisticada e áudio de excelente qualidade para uso em uma ampla variedade de aplicações. Além da funcionalidade básica de mixagem de matriz, equalização, delay, compressor e gate, ele também inclui muitos componentes que oferecem suporte a uma variedade de aplicações, como aplicativos de mixagem automática e combinador de salas. Ele também suporta sistemas de áudio de grande escala com 256 × 256 canais de entradas e saídas Dante.

• O software aplicativo Yamaha ProVisionaire Design permite que você projete um sistema de áudio completo.

O software aplicativo ProVisionaire Design permite que você programe diversas funções de processamento de áudio DME10. Ele também permite que você projete um sistema de áudio integrado completo, incluindo entradas/saídas e amplificadores.

• O software aplicativo Yamaha AFC Image Controller pode criar um ambiente sonoro envolvente em qualquer espaço.

O software aplicativo AFC Image Controller pode ser usado para configurar e controlar um sistema AFC Image. Ele pode criar uma experiência acústica imersiva ao permitir aos usuários a flexibilidade de controlar a posição percebida das imagens sonoras dentro de um espaço em uma ampla variedade de aplicações, como teatros, salas de ópera, locais de concertos, instalações sonoras e parques temáticos.

• Suporte para controles externos da Yamaha

O DME10 é compatível com todos os painéis de controle DCP embutidos na parede. Ele também suporta o aplicativo ProVisionaire Control PLUS para Windows, que pode ser usado para personalizar designs. O DME10 também oferece suporte à personalização de ambientes operacionais com base em aplicações específicas de equipamentos. O ProVisionaire Control PLUS permite que você faça a saída para o aplicativo ProVisionaire Kiosk para Windows e iOS e o use como um aplicativo dedicado para operação no local.

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Conteúdo da embalagem (por favor verifique)

- ☐ Guia de configuração (este manual) x 1
- ☐ Conectores Euroblock (16 pinos, passo de 3,50 mm) × 2
- ☐ Cabos de alimentação × 2
- ☐ Gancho para o cabo × 1

Manuais incluídos

- **Guia de Configuração DME10 (este manual)**
Explica o procedimento de configuração em detalhes, desde a conexão da fonte de alimentação até a configuração do sistema.
- **Manual de Referência DME10 (HTML)**
Explica como configurar as configurações e operar o sistema.
- **Guia do Usuário do Yamaha ProVisionaire Design (HTML)**
Explica como operar o software ProVisionaire Design para controlar o DME10 a partir de um computador.
<https://manual.yamaha.com/pa/pv/pvd/>
- **Guia do Usuário do Yamaha AFC Image Controller (HTML)**
Explica como operar o software AFC Image Controller para controlar o AFC Image, um componente que pode ser adquirido, a partir de um computador.
https://manual.yamaha.com/audio/apps_software/afc_image_controller

Software Yamaha ProVisionaire Design

Este software de aplicação Windows integra definições para dispositivos tais como processadores de sinal, amplificadores de potência e interfaces áudio.

Você pode baixar o ProVisionaire Design no seguinte site.
<https://www.yamahaproaudio.com/>

Consulte o Guia do Usuário do ProVisionaire Design (HTML) para obter mais informações.

Yamaha AFC Image

Este é um sistema de controle de imagem sonora que permite produção acústica imersiva em uma ampla variedade de aplicações, incluindo teatros, salas de ópera, locais de concertos e outras instalações.

Visite o seguinte site para baixar o software aplicativo AFC Image Controller que pode ser usado para controle de imagem sonora.
<https://www.yamahaproaudio.com/>

Consulte o Guia do usuário do AFC Image Controller (HTML) para obter mais informações.

Driver USB Yamaha Steinberg

O software de driver USB Yamaha Steinberg permite que você conecte o DME10 a um computador via USB. Podem ser trocados até (8) sinais de áudio de entrada/saída com o software DAW e outros dispositivos.

Você pode baixar o software do driver no seguinte site.
<https://www.yamahaproaudio.com/>

Atualizando o firmware

O firmware na unidade principal pode ser atualizado para melhorar a operabilidade, adicionar funcionalidades e corrigir bugs.

Se uma atualização de firmware estiver disponível, informações relevantes serão publicadas no seguinte site.
<https://www.nexo-sa.com/>

Consulte o Guia do Usuário do ProVisionaire Design (HTML) para obter o procedimento de atualização e as configurações da unidade principal.

OBSERVAÇÃO

Em alguns casos, pode ser necessária uma atualização para fornecer compatibilidade com outros dispositivos, dependendo dos números de versão dos dispositivos incorporados na rede Dante. Para mais informações, verifique a tabela de compatibilidade do firmware fornecida no website NEXO indicado acima.

Precauções para a montagem em suporte

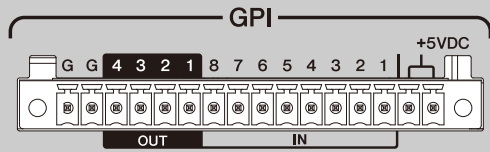
A faixa de temperatura operacional garantida para o produto é de 0 a 40 °C. Se você estiver montando apenas unidades DME10, várias unidades podem ser montadas e operadas em um rack EIA padrão sem deixar espaço entre as unidades. Se o DME10 for montado em um rack EIA padrão junto com outros dispositivos, o calor gerado por esses dispositivos pode afetar negativamente o desempenho devido às temperaturas elevadas dentro do rack. Para evitar que o calor se acumule no interior do produto, certifique-se de montar os produtos de uma forma que satisfaça as seguintes condições.

- Se for montado junto com um amplificador de potência ou outros dispositivos que tendem a gerar calor, deixe pelo menos uma unidade de espaço entre o produto e os outros dispositivos. Além disso, para garantir ventilação adequada, instale um painel ventilado nesses espaços ou deixe o espaço aberto.
- O DME10 foi projetado para aspirar ar pela frente e expulsá-lo pela traseira. Conseqüentemente, você não deve instalar o DME10 junto com outros dispositivos que captam ar pela parte traseira e o expõem pela parte frontal.
- Deixe a parte traseira aberta e posicione o suporte a pelo menos 10 cm de distância de qualquer parede ou teto. Se a parte traseira do suporte não puder ser deixada aberta, utilize um kit de ventilador disponível comercialmente ou outro sistema de ventilação forçada. Se for instalado um kit de ventilador, note que o enclausuramento da parte traseira do suporte pode melhorar a dissipação de calor em alguns casos. Para mais informações, consulte o manual de instruções do suporte e do kit de ventilador.

Instalando conectores Euroblock

Utilize os conectores Euroblock fornecidos para ligar a terminais [GPI].

3,5 mm
Euroblock de 16 pinos



Preparação e processamento de fios de cabos

Descasque o cabo a ser conectado ao conector Euroblock conforme mostrado abaixo e conecte os fios condutores. Observe que a sobreposição ou vibração dos fios conectados ao Euroblock pode causar a quebra do fio condutor devido à fadiga do metal.

Dimensões
de referência

Cerca de 5 mm

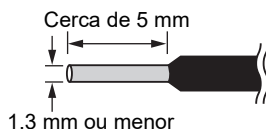


Cuidado

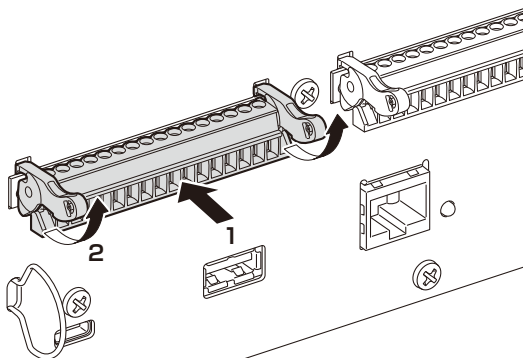
Se o Euroblock estiver conectado usando fios condutores, não solde os fios.

Se os fios forem frequentemente desligados e ligados, recomenda-se a utilização de terminais de pinos com uma manga de isolamento. Utilize conectores de pinos como o mostrado abaixo.

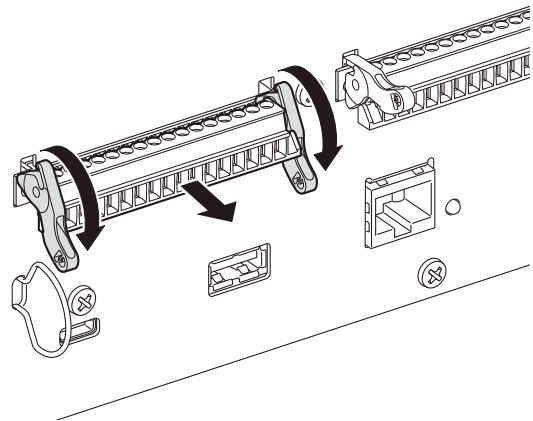
Utilize um modelo com diâmetro de até 1,3 mm e comprimento de cerca de 5 mm (como o modelo AI0, 5-6WH da Phoenix Contact).



1. Insira o conector Euroblock no conector [GPI] principal até que este encoste ao outro extremo. Em seguida, empurre a trava para cima nos lados esquerdo e direito.



2. Para desligar os conectores Euroblock, baixe os bloqueios dos lados esquerdo e direito e puxe o conector para fora.



Conectando a fonte de alimentação



Advertências

Utilize sempre o cabo de alimentação fornecido com o produto. Não utilize o cabo de alimentação fornecido para outros produtos. Isso pode resultar em falha, geração de calor, incêndio ou outros problemas.



Cuidado

Certifique-se de que desliga a corrente antes de ligar ou desligar o cabo de alimentação.

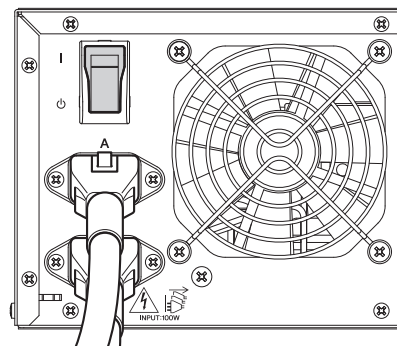
1. Ligue o cabo de alimentação fornecido. Primeiro conecte o cabo de alimentação à unidade principal e depois conecte-o a uma tomada elétrica.

OBSERVAÇÃO

- Para desligar o cabo de alimentação, inverta os passos acima indicados.
- Pressione o trinco do cabo de alimentação para desligar o cabo de alimentação.

Ligar/desligar a energia

1. Use o botão liga/desliga no painel traseiro para LIGAR (I) ou DESLIGAR a energia (⏻).



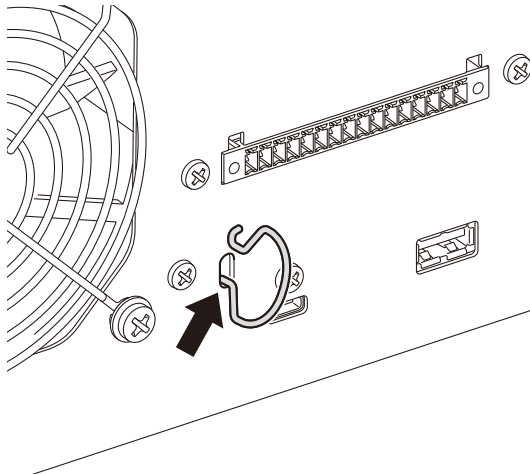
AVISO

- Ligar e desligar o interruptor de energia rapidamente em sequência pode causar mau funcionamento da unidade. Após desligar o interruptor de energia, aguarde pelo menos seis segundos antes de ligá-lo novamente.
- Uma pequena quantidade de corrente continuará fluindo mesmo quando a energia estiver desligada. Certifique-se de desconectar o cabo de alimentação da tomada se a unidade não for usada por um longo período de tempo.

Instalando o gancho para o cabo

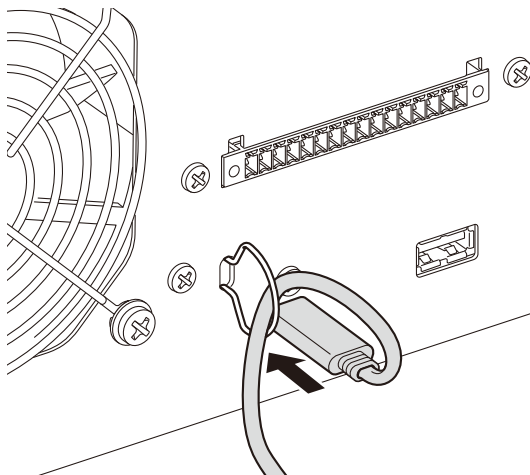
Um gancho de cabo é fornecido para evitar a desconexão acidental do cabo USB. Para prender o gancho do cabo, siga os passos abaixo.

1. Prenda uma extremidade do gancho para o cabo incluído na extremidade inferior da ranhura de segurança, localizada na área inferior esquerda do painel traseiro.



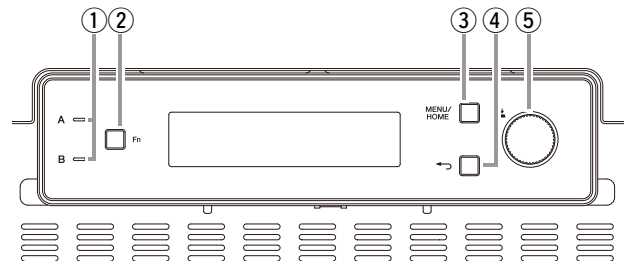
2. Insira a outra extremidade do gancho na extremidade superior do slot de segurança.

3. Insira o cabo USB no gancho e depois conecte-o à porta USB.



Configurações da unidade principal

Visão geral do painel frontal



① Indicador [A/B]

O indicador [A/B] mostra se os terminais [A]/[B] AC IN (entrada de alimentação) estão conectados à energia. Acende-se a verde quando a alimentação está ligada.

② Tecla [Fn]

Pressione a tecla [Fn] para exibir a tela [Device Mute]. Pressione novamente para exibir a tela [Control Function].

③ Tecla [MENU/HOME]

Pressione a tecla [MENU/HOME] para alternar entre as telas [Menu] e [Home].

④ Tecla [←] (retroceder)

Pressione a tecla [←] (retroceder) para exibir a tela anterior.

⑤ Botão principal

Gire o botão principal para selecionar parâmetros ou alterar os valores de configuração dos parâmetros. Pressione o botão para aplicar a configuração.

Definição PANEL LOCK/UNLOCK

Manter premidas as teclas [MENU/HOME] e [←] (retroceder) durante, pelo menos, dois segundos bloqueia ou desbloqueia o painel.

Um ícone de chave é exibido na tela [Início] sempre que o painel é bloqueado.

Definir a ID da unidade

Se várias unidades DME10 forem usadas, certifique-se de que nenhuma ID de unidade entre em conflito.

1. Na tela [Menu], gire o botão principal para selecionar [Settings] e pressione o botão para aplicar a configuração.

É apresentado o ecrã [Unit ID].



2. Na tela [Unit ID], pressione o botão principal para ativar o modo de edição.

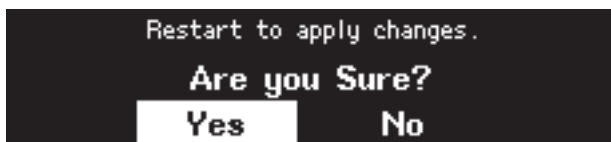


3. Rode o botão principal para selecionar a ID pretendida.

Quando a ID da unidade mudar, o valor pisca.
O intervalo de valores é de 01 a FE em hexadecimal.

4. Quando a ID da unidade que você deseja alterar for selecionada, pressione o botão principal.

Uma mensagem será exibida solicitando que você reinicie a unidade.

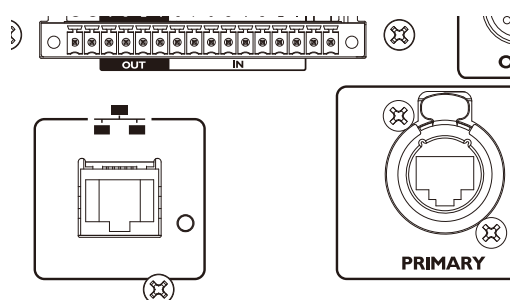


5. Gire o botão principal para selecionar [Yes] e pressione o botão para aplicar a configuração.

O novo ID da unidade é habilitado após a unidade ser reiniciada.

Conectando-se ao Yamaha ProVisionaire Design

Conecte o computador (no qual o software ProVisionaire Design está instalado) diretamente ao conector de rede ou ao conector Dante Primary no painel traseiro da unidade principal, ou conecte-o por meio de uma unidade de comutação.



Definir o endereço IP

O endereço IP especifica a porta (DME Control Port1, DME Control Port2) usada para comunicação com o Yamaha ProVisionaire Design.

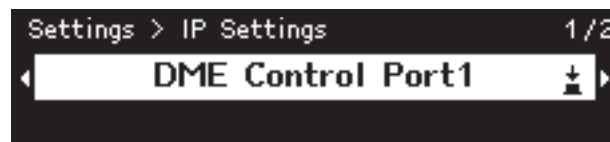
1. Na tela [Menu], gire o botão principal para selecionar [Settings] e pressione o botão para aplicar a configuração.

É apresentado o ecrã [Unit ID].



2. Gire o botão principal para selecionar [Configurações de IP] e pressione-o para aplicar a configuração.

A tela [DME Control Port1] é exibida.



3. Na tela [DME Control Port1], pressione o botão principal para selecionar a tela [Network Mode].



4. Pressione o botão principal para ativar o modo de edição.

5. Gire o botão principal para selecionar [Unit ID] e pressione-o para aplicar a seleção.



Este processo define o endereço IP como 192.168.0.x (onde "x" indica o ID da unidade) e a máscara de sub-rede como 255.255.255.0.

O endereço IP e a máscara de sub-rede são expressos em formato decimal.

OBSERVAÇÃO

Para obter informações sobre as configurações no modo DHCP ou modo IP estático, consulte o Guia do usuário do Yamaha ProVisionaire Design.

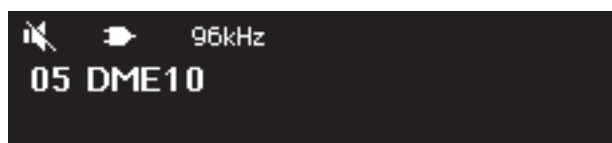
Silêncio ou Retirar silêncio

1. Pressione a tecla [Fn] para apresentar o ecrã [Device Mute].



2. Gire o botão principal para selecionar [Yes] e pressione-o para aplicar a seleção.

O estado de silêncio ligado/desligado pode ser confirmado com base nos ícones da parte superior do ecrã [Home].



Para retirar o dispositivo do silêncio, prima de novo a tecla [Fn].

OBSERVAÇÃO

Pressione a tecla [Fn] duas vezes seguidas para exibir a tela de função de controle ON/OFF. Você pode então especificar as configurações da mesma maneira descrita acima.

Restaurando (reiniciando) as configurações padrão de fábrica

Há duas maneiras de inicializar o produto.

Selecionando [Settings] e, em seguida, [Initialize Settings]

Não desligue a fonte de alimentação durante a inicialização.

1. Na tela [Menu], gire o botão principal para selecionar [Settings] e pressione o botão para aplicar a configuração.

É apresentado o ecrã [Unit ID].



2. Gire o botão principal para selecionar [Initialize Settings] e pressione o botão para aplicar a seleção.



Uma tela permite que você selecione a configuração que deseja inicializar.

3. Gire o botão principal para selecionar a configuração que deseja inicializar e, em seguida, defina apenas essa configuração como On.



Para além das definições de processamento de sinal, as definições indicadas a seguir também são inicializadas se forem definidas para On.

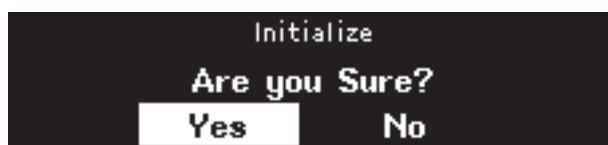
IP Settings
Unit ID/ Device Name
Dante Settings
Stored Files

OBSERVAÇÃO

Este processo de inicialização regular não inicializa os valores PIN do administrador ou a informação de ativação da licença.

4. Quando terminar de selecionar as configurações, gire o botão principal para selecionar [Initialize] e pressione o botão.

É apresentado um ecrã de confirmação da inicialização.



5. Gire o botão principal para selecionar [Yes] e pressione-o para aplicar a seleção.

O sistema reinicia automaticamente quando a inicialização é concluída.

Forçando a inicialização caso você esqueça o código PIN

Se você esquecer o código PIN para bloquear o painel ou o PIN do administrador e [Initialize] não puder ser selecionado na tela [Settings], você pode usar o seguinte método para forçar a inicialização.

OBSERVAÇÃO

Este processo de inicialização forçada não modifica as informações de ativação da licença, mas restaura todas as outras configurações para as configurações padrão de fábrica.

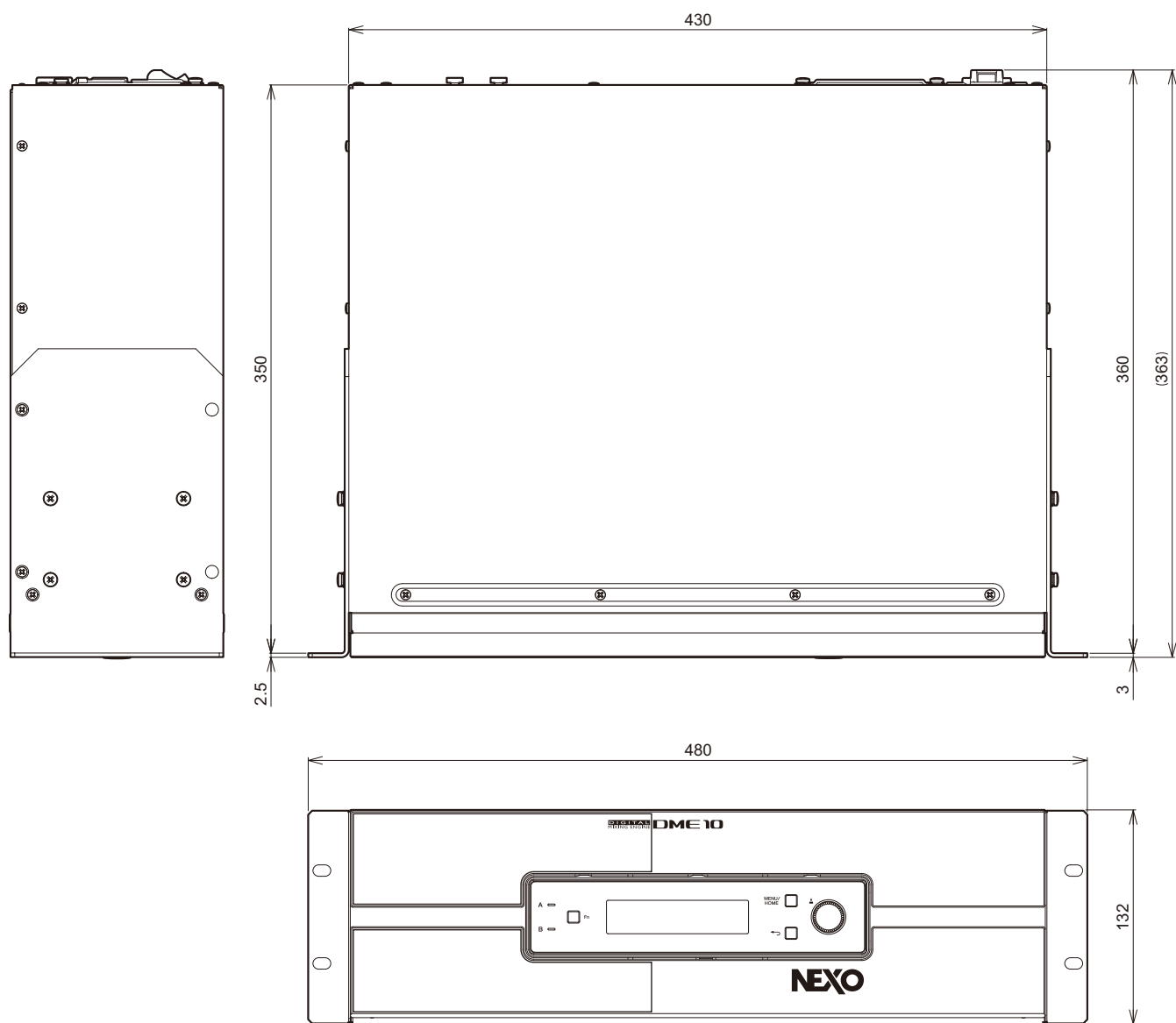
1. Enquanto prime em simultâneo as teclas [Fn], [MENU/HOME] e [↩] (retroceder), ligue a energia.
 2. Continue pressionando essas três teclas até que o logotipo do NEXO e a tela de inicialização sejam exibidos na tela.
- O sistema reinicia automaticamente quando a inicialização é concluída.

Especificações gerais

Interface Dante	Contagem de canais	256IN, 256OUT, redundante
	Frequência de amostragem	44,1/48/88,2/96 kHz
	Profundidade de bit	24/32 Bit
Áudio USB	Contagem de canais	8IN, 8OUT com SRC
	Frequência de amostragem	44,1/48/88,2/96 kHz
Conectores	Dante	etherCON × 2 (PRIMARY / SECONDARY) 1000Base-T
	DCP	RJ45 × 1
	USB TO HOST	USB 2.0 Tipo-C (Áudio USB)
	USB TO DEVICE	USB 2.0 Tipo A (para salvar arquivos)
	Rede	RJ45 × 1 100Base-TX
	GPIO	Euroblock 16 pinos (mini) × 2 (GPI × 16, GPO × 8, alimentação de +5 V × 4)
	MIDI	DIN 5 pinos × 2 (IN, OUT)
	AC IN	Entrada CA (IEC, V-Lock) × 2
Requisitos de alimentação AC		100 V a 240 V; 50 Hz/60 Hz
Consumo de energia		100 W
Temperatura de funcionamento		0 °C a +40 °C
Temperatura de armazenamento		-20 °C a +60 °C
Dimensões (L × A × P)		480 × 132 × 363 mm (3U)
Peso líquido		9,5 kg
Conteúdo da embalagem		Guia de configuração (este manual), conectores Euroblock (16 pinos, passo de 3,50 mm) × 2, cabos de alimentação × 2, gancho de cabo × 1

* O conteúdo deste manual se aplica às especificações mais recentes a partir da data de publicação.
Para obter o manual mais recente, acesse o site da NEXO e faça o download do arquivo do manual.

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



Unit: mm

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief
idea of what it does.>
Copyright (C) <year> <name of author>
```

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

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Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of
author>
This program comes with ABSOLUTELY NO WAR-
RANTY; for details type `show w'.
This is free software, and you are welcome to redi-
stribute it under certain conditions; type `show c'
for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General

Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <<http://www.gnu.org/licenses/>>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <<http://www.gnu.org/philosophy/why-not-lgpl.html>>.

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Version 2.1, February 1999

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[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

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This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the

library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifica-

tions and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library"

with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- Accompany the combined library with a copy of the same work based on the Library, uncom-

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one line to give the library's name and an idea of what it does.

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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

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Version 3, 29 June 2007

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0. Additional Definitions.

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"The Library" refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.

An "Application" is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the "Linked Version".

The "Minimal Corresponding Source" for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The "Corresponding Application Code" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

- * a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or
- * b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the

Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

- * a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.
- * b) Accompany the object code with a copy of the GNU GPL and this license document.

4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

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- * c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.
- * d) Do one of the following:
 - o 0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.
 - o 1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.
- * e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

5. Combined Libraries.

You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

- * a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.
- * b) Give prominent notice with the combined library that part of it is a work based on the

Library, and explaining where to find the accompanying uncombined form of the same work.

6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

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 Altakkumulatoren 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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