YAMAHA

Signal Processor
Processeur de signaux audio
Procesador de Señal
Processador de sinal
Сигнальный процессор
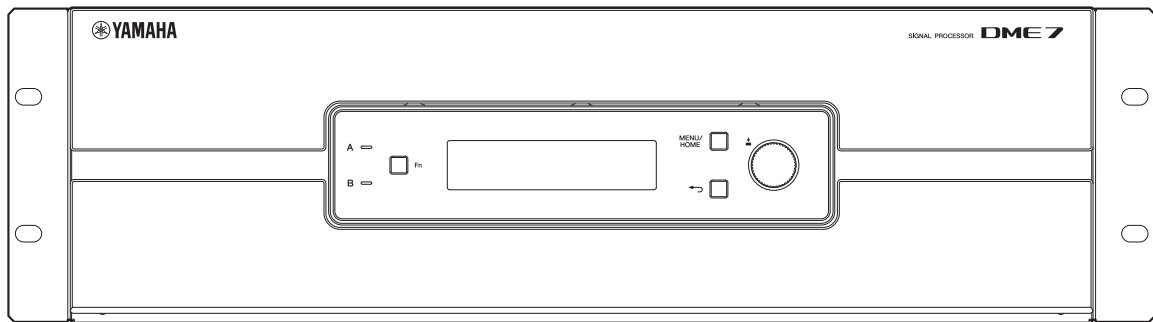信号处理器
訊號處理器
오디오프로세서
シグナルプロセッサー

DME7

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

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 Ave. Buena Park Calif. 90620

Telephone : 714-522-9011

Type of Equipment : Signal Processor

Model Name : DME7

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 01)

안전 주의사항

사용 전에 반드시 "안전 주의사항"을 읽어 주십시오.

본 사용설명서를 찾기 쉬운 안전한 곳에 보관하여 향후에 참조하도록 하십시오.

⚠ 경고

아래에 열거되어 있는 기본 주의사항을 반드시 준수하여 감전, 누전, 손상, 화재 및 기타 위험으로 인해 부상 및 사망이 발생할 가능성을 줄이시기 바랍니다. 다음과 같은 주의사항들이 있으나 이 사항들에 국한되는 것은 아닙니다.

이상 징후 발견 시

- 다음과 같은 문제가 발생할 경우 즉시 전원 스위치를 끄고 콘센트에서 전원 플러그를 뽑으십시오.
  - 전원 코드 또는 플러그가 마모되거나 손상된 경우
  - 이상한 냄새나 연기가 나는 경우
  - 제품 내부에 이물질이나 물이 들어간 경우
  - 제품 사용 중 갑자기 소리가 나지 않는 경우
  - 제품에 균열 또는 기타 눈에 띄는 손상이 보이는 경우
  Yamaha 공식 AS센터에 제품 점검 또는 수리를 의뢰하여 주시기 바랍니다.

전원

- 전원 코드를 히터나 라디에이터 등의 열기구와 가까운 곳에 두지 마십시오. 또한 코드가 손상될 수 있으므로 코드를 과도하게 구부리거나 코드 위에 무거운 물건을 놓지 마십시오. 다른 사람이 밟거나 발에 걸리거나 넘어질 수 있는 장소에 코드를 놓지 마십시오.

- 본 제품에 맞게 지정된 전압만 사용하십시오. 전압 조건은 제품 명판에 인쇄되어 있습니다.

- 제공된 전원 코드/플러그만을 사용하십시오.
  본 제품을 구입한 지역이 아닌 곳에서는 제공된 전원 코드가 호환되지 않을 수도 있습니다. Yamaha 구입처에 문의하십시오.

- 전원 플러그를 정기적으로 점검하고, 오물이나 먼지가 쌓인 경우에는 이를 제거하십시오.

- 전원 플러그를 완전히 꽂아 감전이나 화재를 방지하십시오.

- 본 제품은 여러 개의 전원에서 전기를 공급받습니다. 본 제품을 AC 콘센트 가까이에 설치하십시오. 전원 플러그가 손이 닿기 쉬운 곳에 설치하여 고장 또는 오작동이 발생할 경우 즉시 전원 스위치를 끄고 콘센트에서 모든 플러그를 분리합니다. 전원 스위치가 꺼져 있더라도 벽면 AC 콘센트에서 전원 코드를 뽑지 않았다면 전원이 차단된 것이 아닙니다.

- 본 제품을 장시간 동안 사용하지 않을 경우 전기 플러그를 콘센트에서 뽑아놓으십시오.

- 뇌우 발생 시에는 제품이나 전원 플러그를 만지지 마십시오.

- 보호 접지용 연결 장치가 있는 콘센트에 연결하십시오. 제대로 접지되어 있지 않으면 감전되거나 화재가 발생하거나 제품이 손상될 수도 있습니다.

분해 금지

- 본 제품의 내부 부품을 분해, 개조하지 마십시오. 감전이나 화재, 부상 또는 고장의 원인이 될 수 있습니다.

침수 경고

- 비에 젖지 않도록 하고, 물 또는 습기가 많은 장소에서 사용하거나 쏟아질 우려가 있는 액체가 담긴 용기(예: 화병, 병 또는 유리컵)를 본 제품에 올려놓지 않도록 하십시오.

- 절대로 젖은 손으로 플러그를 꽂거나 빼지 마십시오.

화재 경고

- 화재가 발생할 수 있으므로 제품 근처에 연소성 물품이나 불꽃을 놓지 마십시오.

청력 손실

- 제품을 다른 장치에 연결하기 전에 모든 장치의 전원을 끄십시오. 또한 모든 장치의 전원을 켜거나 끄기 전에 모든 음량이 최저로 설정되었는지 확인하십시오. 그렇지 않을 경우 청각 손실, 전기 충격이 오거나 장치가 손상될 수 있습니다.

- 오디오 시스템의 AC 전원을 켤 때는 항상 파워앰프의 전원을 마지막에 켜서 청력 손실과 스피커 손상을 방지하십시오. 전원을 끌 때도 같은 이유로 파워앰프를 먼저 꺼야 합니다.

배터리 최적화

- 지정된 충전 온도 범위 내에서 충전합니다.
  범위를 벗어난 온도에서 충전할 경우 누출, 과열, 폭발 또는 손상이 발생할 수 있습니다.

한국어

⚠ *주의*

아래에 열거되어 있는 기본 주의사항을 반드시 준수하여 본인이나 타인의 신체적 부상을 방지하시기 바랍니다. 다음과 같은 주의사항들이 있으나 이 사항들에 국한되는 것은 아닙니다.

전원

● 전원 플러그를 뽑을 때에는 반드시 코드가 아닌 플러그 손잡이 부분을 잡으십시오. 코드를 당기면 전원 플러그가 손상될 수 있습니다.

설치 및 연결

● 불안정한 장소나 진동이 심한 장소에는 본 제품을 설치하지 마십시오. 본체가 떨어져서 고장이 나거나 사용자 혹은 다른 사람이 다칠 수 있습니다.

● 어린이의 손이 닿지 않는 곳에 본 제품을 보관하십시오. 본 제품은 어린이가 있을 만한 장소에서 사용하기에 적합하지 않습니다.

● 제품의 통기구 앞에 물건을 두지 마십시오. 본 제품은 앞면에 통풍구가 있어서 내부 온도가 과도하게 상승하는 것을 방지합니다. 제품을 옆으로 놓거나 거꾸로 놓지 마십시오. 환기가 충분히 이루어지지 않을 경우 과열로 인해 제품이 손상되거나 화재가 발생할 수도 있습니다.

● 제품 설치 시 제품의 열을 제대로 분산시키려면
  - 천으로 덮지 마십시오.
  - 카펫이나 양탄자 위에 설치하지 마십시오.
  - 상단면이 위쪽을 향하도록 하십시오. 측면으로 설치하거나 거꾸로 설치하지 마십시오.
  - 좁고 사방이 막혀 있으며 잘 환기되지 않는 장소에서 제품을 사용하지 마십시오.
  환기가 충분히 이루어지지 않을 경우 과열로 인해 제품이 손상되거나 화재가 발생할 수도 있습니다. 제품 주변을 확인하여 적어도 위에 10cm, 옆에 10cm, 뒤에 15cm의 충분한 공간이 있는지 확인하십시오.

● 본 제품을 EIA 표준 랙에 설치하는 경우 99페이지의 "랙 장착 시 안전 주의사항" 부분을 주의 깊게 읽으십시오. 환기가 충분히 이루어지지 않을 경우 과열로 인해 제품이 손상되거나 오작동이 발생하거나 화재가 발생할 수도 있습니다.
  본 제품을 EIA 표준 랙이 아닌 좁은 공간에서 사용할 경우, 제품 위에 최소 10cm 이상, 옆에 10cm 이상, 뒤에 15cm의 공간이 있는지 확인하십시오.

● 부식성 가스 또는 염기와 접촉할 수 있는 장소에 제품을 두지 마십시오. 오작동이 발생할 수 있습니다.

● 연결된 모든 케이블을 분리한 후 본 제품을 옮기십시오.

유지보수

● 제품을 세척할 때에는 AC 콘센트에서 전원 플러그를 뽑으십시오.

취급상 주의

● 제품의 틈새(통풍구, 패널 등)에 손가락이나 손을 넣지 마십시오.

● 제품에 올라가거나 무거운 물체를 올려놓지 마십시오.

백업 배터리

● 백업 배터리를 직접 교체하지 마십시오. 제품이 폭발하거나 제품이 손상될 수 있습니다.
  백업 배터리를 교체해야 할 때 "Low Battery"(배터리 부족) 또는 "No Battery"(배터리 없음) 메시지가 디스플레이에 나타납니다. 이 경우 Yamaha 구입처에 문의하여 Yamaha 공식 AS센터에서 백업 배터리를 교체하십시오.

주의사항

제품의 오작동/손상, 데이터 손상 또는 기타 재산의 손상을 방지하기 위해 다음 주의사항을 준수하십시오.

■ 취급 및 유지관리

- 본 제품을 공용 Wi-Fi 및/또는 인터넷에 직접 연결하지 마십시오. 본 제품을 강력한 암호 보호 기능이 있는 라우터를 통해서만 인터넷에 연결하십시오. 보안 모범 사례에 대한 내용은 라우터 제조업체에 문의하십시오.

- 본 제품을 TV, 라디오 또는 기타 전기 제품 근처에서 사용하지 마십시오. 제품, TV 또는 라디오에서 소음이 발생할 수 있습니다.

- 패널이 변형되거나 불안정하게 작동하거나 내부 구성품이 손상되지 않도록 본 제품을 과도한 먼지나 진동 또는 극도의 추위나 열에 노출시키지 마십시오.

- 온도 변화가 심한 곳에는 설치하지 마십시오. 제품 내부나 표면에 응결이 생겨 파손될 수 있습니다.

- 응결이 발생했을 가능성이 있다고 보여지는 경우, 손상을 방지하기 위해 응결이 완전히 마를 때까지 본 제품의 전원을 켜지 않고 몇 시간 동안 두십시오.

- 본 제품 위에 비닐, 플라스틱 또는 고무 물체를 놓지 마십시오. 패널이 변형되거나 변색될 수 있습니다.

- 본 제품을 세척할 때는 건조하고 부드러운 천을 사용하십시오. 변형 또는 변색이 발생할 수 있으므로 차아염소산나트륨 수용액, 알코올, 페인트 희석제, 용제, 세척액 또는 화학 물질이 함유된 천을 사용하지 마십시오.

- 길이 3m 미만의 C형 USB 케이블(USB-A to USB-C 또는 USB-C to USB-C)을 사용하십시오.

⚠️ **경고**
주거 환경에서 본 장비를 작동하면 무선 간섭이 발생할 수 있습니다.

이 기기는 업무용 환경에서 사용할 목적으로 적합성평가를 받은 기기로서 가정용 환경에서 사용하는 경우 전파간섭의 우려가 있습니다있습니다.

정보

■ 본 제품과 함께 제공되는 기능 / 데이터

- 본 제품은 Dante IP Core를 사용합니다.
  특정 소프트웨어의 오픈 소스 라이센스에 대한 자세한 내용은 Audinate 웹 사이트(영어)를 참조하십시오.
  https://www.audinate.com/software-licensing

■ 이 설명서에 대하여

- 본 가이드에 나와 있는 그림 및 화면은 지침용으로만 제공됩니다.

- 본 가이드에 있는 회사 이름 및 제품 이름은 해당 회사의 상표 또는 등록 상표입니다.

- 소프트웨어는 사전 통지 없이 수정 및 업데이트될 수 있습니다.

■ 폐기 정보

- 본 제품에는 재활용이 가능한 부품이 포함되어 있습니다. 본 제품을 폐기할 때에는 해당 지역 당국에 연락하시기 바랍니다.

Yamaha는 부적절하게 제품을 사용하거나 개조하여 발생한 고장 또는 데이터 손실이나 파손에 대해 책임지지 않습니다.

본 제품의 모델 번호, 일련 번호, 전원 규격 등은 기기 상단에 있 는 명판이나 명판 주위에서 확인할 수 있습니다. 도난 시 확인할 수 있도록 일련 번호를 아래 공란에 기입하고 본 사용설명서를 구매 기록으로 영구 보관해야 합니다.

모델 번호

일련 번호

한국어

소개

Yamaha DME7 시그널 프로세서를 구입해 주셔서 감사합니다. 이 제품은 광범위한 오디오 신호를 처리할 수 있습니다. 이 설치 가이드에서는 설치 중에 설정을 구성하는 데 필요한 기본 지침을 설명합니다. 다양한 제품 기능을 올바르게 사용하려면 제품을 사용하기 전에 이 설치 가이드를 읽어보십시오. 설치 가이드를 읽은 후에는 잘 보관해 두십시오.

기능

- **다양한 용도로 오디오 시스템의 오디오를 처리하는 데 필요한 프로그래머블 시그널 프로세서**

  DME7은 자유롭게 구성할 수 있는 프로세서로서, 다양한 용도로 사용되는 오디오 시스템에서 요구하는 정교한 기능과 높은 오디오 품질을 제공합니다. 기본 매트릭스 믹서, 이퀄라이저, 딜레이, 컴프레서 및 게이트 기능 외에도 자동 믹서 및 룸 컴바이너 애플리케이션과 같은 다양한 애플리케이션을 지원하기 위한 많은 구성 요소들이 포함되어 있습니다. 또한, 최대 256 × 256*개의 Dante 입출력 채널이 있는 대형 오디오 시스템도 지원합니다.
  (* 채널 수를 늘리려면 추가 라이선스가 필요합니다.)

- **ProVisionaire Design 애플리케이션 소프트웨어를 사용하여 전체 오디오 시스템을 설계할 수 있습니다.**

  ProVisionaire Design을 사용하려 DME7 오디오 프로세싱을 자유롭게 프로그래밍할 수 있으며 소프트웨어를 사용해서 입출력 및 앰프를 포함한 전체 통합 오디오 시스템을 설계할 수 있습니다.

- **외부 제어 지원**

  벽의 우묵한 곳에 설치된 DCP 조작판에 대한 다양한 부품 번호가 지원됩니다. 또한 설계를 사용자 지정하는 데 사용할 수 있는 ProVisionaire Touch Kiosk 및 ProVisionaire Control 태블릿 소프트웨어와 같은 터치 패널 장치를 지원하고, 지정된 장비의 용도를 기반으로 운영 환경을 사용자 지정할 수 있습니다.

목차

패키지 내용물(확인해주십시오)

☐ 설치 가이드(이 설명서) × 1
☐ Euroblock 커넥터(16핀, 3.50mm 피치) × 2
☐ 전원 코드 × 2
☐ 케이블 후크 × 1

포함된 설명서

- **DME7 설치 가이드(이 설명서)**

  전원 공급장치를 연결하여 시스템을 설정하는 방법에 대해 설명합니다.
- **DME7 참조 설명서(HTML)**

  설정 구성 및 시스템 작동에 필요한 모든 사항을 설명합니다.
- **ProVisionaire Design 사용설명서(HTML)**

  컴퓨터에서 제품을 제어하는 데 사용되는 ProVisionaire Design 소프트웨어를 작동하는 방법을 설명합니다.

문제해결

Yamaha Pro Audio 웹 사이트에 게시된 FAQ(자주 묻는 질문)를 참조하십시오.
https://www.yamahaproaudio.com/

ProVisionaire Design 소프트웨어

이 Windows 애플리케이션 소프트웨어는 시그널 프로세서, 파워앰프 및 오디오 인터페이스와 같은 장치에 대한 설정을 통합합니다.

다음 웹 사이트에서 ProVisionaire Design을 다운로드하십시오.
https://www.yamahaproaudio.com/

자세한 내용은 ProVisionaire Design 사용설명서(HTML)를 참조하십시오.

Yamaha Steinberg USB 드라이버

USB를 통해 컴퓨터에 DME7을 연결하기 위한 드라이버 소프트웨어입니다.
최대 8개의 입출력 오디오 신호를 DAW 소프트웨어 및 기타 장치와 교환할 수 있습니다.

다음의 웹사이트에서 드라이버 소프트웨어를 다운로드하십시오.
https://www.yamahaproaudio.com/

펌웨어 업데이트

제품 사양은 운영성 향상, 기능 추가 및 버그 수정을 목적으로 메인 장치의 펌웨어 업데이트를 지원합니다.
펌웨어 업데이트를 사용할 수 있는 경우 해당 정보는 다음 웹 사이트에 게시됩니다.
https://www.yamahaproaudio.com/

메인 장치의 업데이트 절차 및 설정에 대해서 "ProVisionaire Design 사용설명서(HTML)"를 참조하십시오.

주

Dante 네트워크 내의 장치 버전에 따라 다른 장치와의 호환성을 제공하기 위해 업데이트가 필요한 경우가 있습니다. 자세한 내용은 위에 표시된 Yamaha 웹 사이트에서 제공하는 펌웨어 호환성 차트를 확인하십시오.

랙 장착 시 안전 주의사항

제품의 보장되는 작동 온도 범위는 0~40 ℃입니다. DME7 장치만 장착하는 경우 장치 사이에 공간을 두지 않고 표준 EIA 랙에 여러 장치를 장착하고 작동할 수 있습니다. 제품을 다른 장치와 함께 표준 EIA 랙에 장착할 경우, 랙 내부의 온도가 상승하여 이러한 장치에서 발생하는 열로 인해 적절한 성능을 발휘하지 못할 수 있습니다. 제품 내부에 열기가 상승하지 않도록 다음 조건을 만족시키는 방식으로 제품을 장착해야 합니다.

- 열을 발생시키는 파워앰프 또는 기타 장치와 함께 장착된 경우 제품과 다른 장치 사이에 최소 기기 하나만큼의 공간을 두십시오. 또한 적절한 환기를 위해 이 공간에 환기 패널을 설치하거나 공기에 개방된 상태로 두십시오.

- 이 제품은 전면에서 공기를 흡입하고 후면에서 배출하도록 설계되었으므로 후면을 통해 공기를 흡입하고 전면에서 배출하는 다른 장치와 함께 설치하지 마십시오.

- 뒤쪽은 열어두고 랙은 벽과 천장에서 10cm 이상 떨어진 곳에 두십시오. 랙 뒷면을 열어둘 수 없는 경우에는 시중에서 판매하는 팬 키트나 기타 강제 환기 시스템을 사용하십시오. 팬 키트가 설치된 경우 랙 뒷면을 감싸면 일부 경우 열 방출이 개선될 수 있습니다. 자세한 내용은 랙 및 팬 키트 사용설명서를 참조하십시오.

Euroblock 커넥터 설치하기

제공된 Euroblock 커넥터를 사용하여 [GPI] 단자에 연결합니다.

3.5mm
16핀 Euroblock
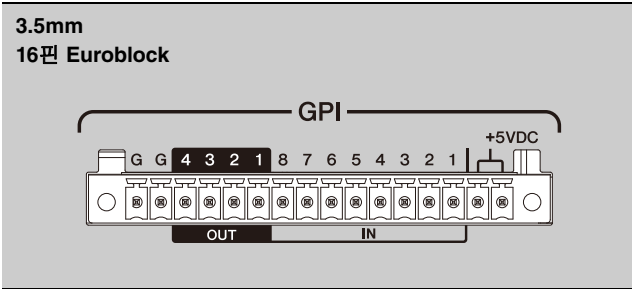
케이블 선 준비 및 처리
그림과 같이 Euroblock 커넥터에 연결할 케이블을 벗겨내고 리드 선을 연결합니다. Euroblock에 연결된 선이 겹치거나 진동하면 금속 피로로 인해 리드선이 파손될 수 있습니다.
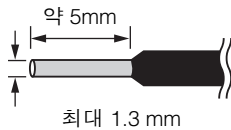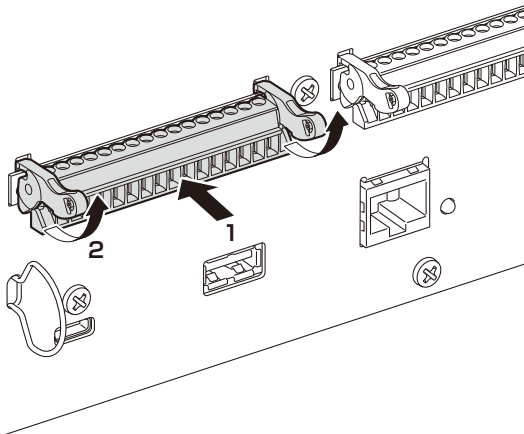
기본 규격

약 5mm

⚠️ **주의**
리드선을 사용하여 연결한 경우 리드선을 땜납으로 도금하지 마십시오.

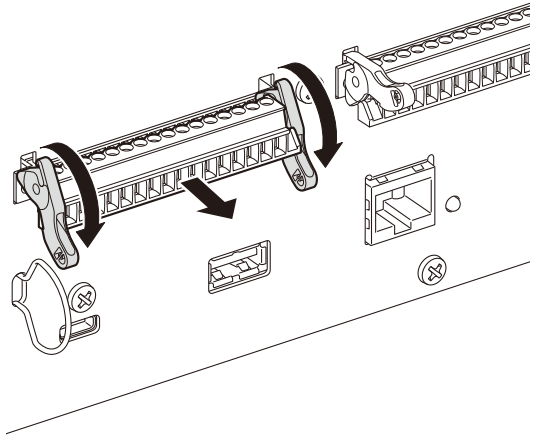리드선을 자주 분리했다가 다시 연결하는 경우 절연 슬리브가 있는 핀 단자를 사용하는 것이 좋습니다. 아래 그림에 있는 핀 커넥터를 사용하십시오.

직경은 최대 1.3mm, 길이는 약 5 mm인 모델을 사용하십시오(예: Phoenix Contact 모델 AI0, 5-6WH).

약 5mm
최대 1.3 mm

1. Euroblock 커넥터를 메인 [GPI] 커넥터 장치에 삽입하여 반대쪽과 맞닿을 때까지 밉니다. 그런 다음 왼쪽과 오른쪽의 잠금장치를 밀어 올립니다.

2. Euroblock 커넥터를 분리하려면 왼쪽 및 오른쪽 잠금장치를 아래로 내리고 커넥터를 당겨 빼냅니다.

전원 공급장치 연결하기

⚠️ **경고**
항상 제품과 함께 제공된 전원 코드를 사용하십시오. 다른 제품과 함께 제공된 전원 코드를 사용하지 마십시오. 고장, 발열, 화재 등의 문제가 발생할 수 있습니다.

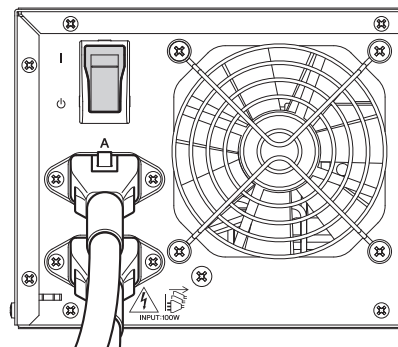⚠️ **주의**
전원 코드를 연결하거나 분리하기 전에 반드시 전원을 끄십시오.

1. 제공된 전원 코드를 연결합니다. 먼저 전원 코드를 메인 장치에 연결한 다음 전원 공급 콘센트에 꽂습니다.

주
• 전원 코드를 분리하려면 위의 단계를 반대로 수행하십시오.
• 전원 코드 래치를 눌러 전원 코드를 분리합니다.

전원 켜고 끄기

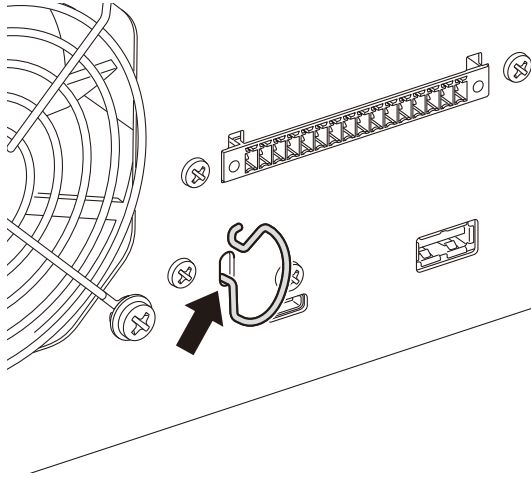**1.** 후면 패널의 전원 스위치를 켜기(I) 또는 끄기(⏻) 위치에 둡니다.

주의사항
• 전원을 켜기 전에 전원을 끈 후 최소 5초 이상 기다리십시오. 이렇게 하지 않으면 고장이 발생할 수 있습니다.
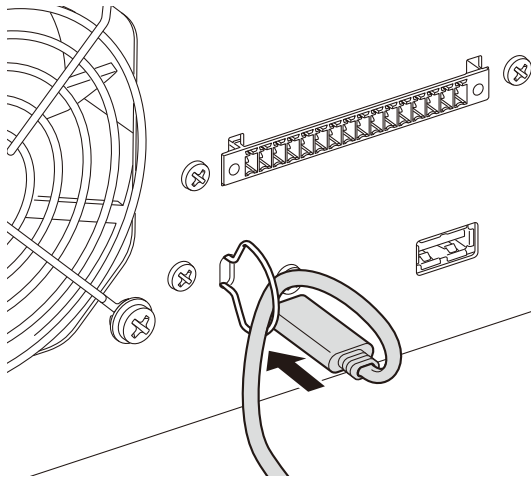• 전원을 꺼도 약간의 전류는 계속 흐릅니다. 장시간 사용하지 않을 때는 전원 콘센트에서 전원 코드를 분리하십시오.

케이블 후크 설치하기

실수로 USB 케이블이 분리되지 않도록 방지하기 위해 케이블
후크가 제공됩니다. 후크는 다음 절차에 따라 설치할 수 있습니다.

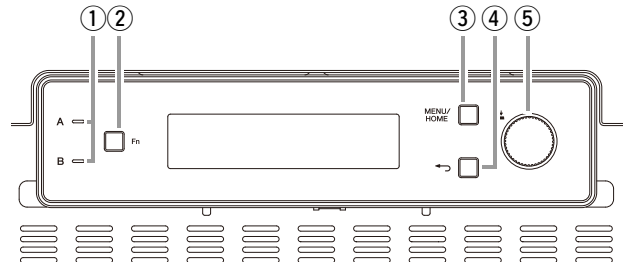**1.** 포함된 케이블 후크의 한쪽 끝을 뒷면 패널의 왼쪽 하단
영역에 있는 보안 슬롯의 하단 끝에 걸으십시오.

2. 그다음 후크의 다른 쪽 끝을 보안 슬롯의 위쪽 끝에 삽입
합니다.

3. 후크를 통해 USB 케이블을 삽입하고 USB 포트에 연결합
니다.

메인 장치 설정

전면 패널 개요

① **[A/B] 표시등**
[A]/[B] AC IN(전원 공급 입력) 단자가 전원에 연결되어 있
는지 여부를 표시합니다. 전원이 켜지면 녹색불이 들어옵
니다.

② **[Fn] 키**
이 버튼을 누르면 [Device Mute] 화면이 표시됩니다. 다시
누르면 [Control Function] 화면이 표시됩니다.

③ **[MENU/HOME] 키**
[Menu] 화면과 [Home] 화면을 전환하는 데 사용됩니다.

④ **[↰](뒤로) 키**
이 버튼을 누르면 이전 화면이 표시됩니다.

⑤ **메인 노브**
메인 노브를 돌려 파라미터를 선택하거나 파라미터 설정
값을 변경합니다. 노브를 누르면 설정이 적용됩니다.

패널 잠금/잠금 해제 설정

[MENU/HOME] 키와 [↰](뒤로) 키를 2초 이상 누르면 패
널이 잠금 또는 잠금 해제됩니다.
패널이 잠길 때마다 [Home] 화면에 키 아이콘이 표시됩니다.

장치 ID 설정하기

여러 개의 DME7 장치를 사용하는 경우 장치 ID가 서로 충돌하지 않도록 주의하십시오.

1. **[Menu] 화면에서 메인 노브를 돌려 [Setting]을 선택합니다. 그다음 노브를 누르면 설정이 적용됩니다.**

   [Unit ID] 화면이 표시됩니다.

   ```
   Settings                    1/4
   ◀        Unit ID        ⚓ ▶
            01
   ```
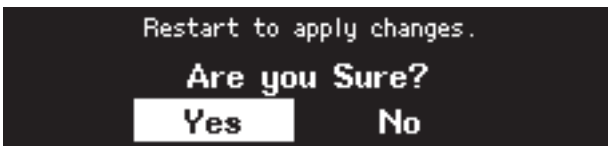
2. **[Unit ID] 화면에서 메인 노브를 눌러 편집 모드를 활성화합니다.**

   ```
   Settings > Unit ID
            02
   ```

3. **메인 노브를 돌려 원하는 ID를 선택합니다.**

   Unit ID가 변경되면 값이 깜박입니다.

4. **변경할 Unit ID가 선택되면 메인 노브를 누르십시오.**

   사용자에게 장치를 다시 시작하라는 메시지가 표시됩니다.

   ```
   Restart to apply changes.
   Are you Sure?
   Yes          No
   ```
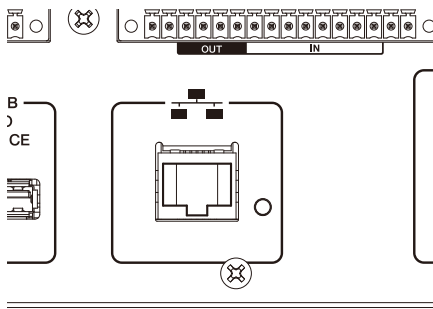
5. **메인 노브를 돌려 [Yes]를 선택합니다. 그다음 노브를 누르면 설정이 적용됩니다.**

   장치가 다시 시작되면 변경된 Unit ID가 활성화됩니다.

ProVisionaire Design 연결

ProVisionaire Design 소프트웨어가 설치된 컴퓨터를 메인 장치 뒤에 있는 네트워크 커넥터에 직접 연결하거나 스위치 장치를 통해 연결합니다.

IP 주소 설정하기

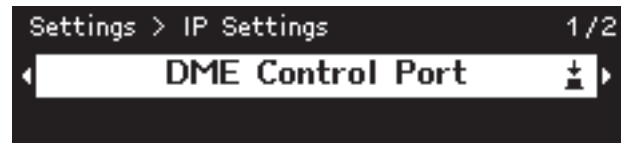이것은 ProVisionaire Design과 통신하는 데 사용되는 포트(DME 제어 포트)의 IP 주소를 지정합니다.

1. **[Menu] 화면에서 메인 노브를 돌려 [Setting]을 선택합니다. 그다음 노브를 누르면 설정이 적용됩니다.**

   [Unit ID] 화면이 표시됩니다.

   ```
   Settings                    1/4
   ◀        Unit ID        ⚓ ▶
            01
   ```

2. **메인 노브를 돌려 [IP Settings]을 선택합니다. 그다음 노브를 누르면 설정이 적용됩니다.**

   [DME Control Port] 화면이 표시됩니다.

   ```
   Settings > IP Settings      1/2
   ◀     DME Control Port    ⚓ ▶
   ```

3. **[DME Control Port] 화면에서 메인 노브를 눌러 [Network Mode] 화면을 선택합니다.**

   ```
   > IP Settings > DME Control Port   1/4
   ◀        Network Mode        ⚓ ▶
            DHCP
   ```

4. **메인 노브를 눌러 편집 모드를 활성화합니다.**

5. **메인 노브를 돌려 [Unit ID]를 선택하고 눌러서 선택을 적용합니다.**

   ```
   > IP Settings > DME Control Port   1/4
   ◀        Network Mode        ⚓ ▶
            Unit ID
   ```

   이렇게 하면 IP 주소가 192.168.0.x (여기서 "x"는 장치 Id)로 설정되고 서브넷 마스크가 255.255.255.0으로 설정됩니다.

   주

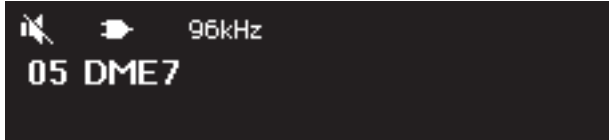   DHCP 모드 또는 정적 IP 모드의 설정에 대해서는 ProVisionaire Design 사용설명서를 참조하십시오.

음소거 또는 음소거 해제하기

1. **[Fn] 키를 눌러 [Device Mute] 화면을 표시합니다.**

Function
🔇 Mute Device ?
              Yes   No

2. **메인 노브를 돌려 [Yes]를 선택하고 눌러서 선택을 적용합니다.**

음소거 ON/OFF 상태를 [Home] 화면 상단의 아이콘으로 확인할 수 있습니다.

🔇 ➡ 96kHz
05 DME7

장치의 음소거를 해제하려면 [Fn] 키를 다시 누릅니다.

주

[Fn] 키를 연속 두 번 누르면 제어 기능 ON/OFF 화면이 표시됩니다. 여기서 동일한 설정을 지정할 수 있습니다.

출고 시 기본 설정으로 복원하기(초기화)

제품을 초기화할 수 있는 방법은 두 가지가 있습니다.

[Settings] 선택 후 [Initialize Settings]

초기화 중에는 전원 공급장치의 전원을 끄지 마십시오.

1. **[Menu] 화면에서 메인 노브를 돌려 [Setting]을 선택합니다. 그다음 노브를 누르면 설정이 적용됩니다.**

[Unit ID] 화면이 표시됩니다.

Settings   1/4
◀   Unit ID   ⚡ ▶
              01

2. **메인 노브를 돌려 [Initialize Settings]을 선택합니다. 그다음 노브를 누르면 선택이 적용됩니다.**

Settings   3/4
◀   Initialize Settings ⚡ ▶

초기화를 위한 설정을 선택할 수 있는 화면이 표시됩니다.

3. **메인 노브를 돌려 초기화할 설정을 선택한 다음, 초기화가 필요한 설정만 On으로 설정합니다.**

Settings > Initialize Settings   1/5
◀   IP Settings   ▶
              On

On으로 설정하면 신호 처리 설정 외에 다음 설정도 초기화됩니다.

IP Settings
Unit ID/ Device Name
Dante Settings
Stored Files

주

이 정기적인 초기화 프로세스는 관리자 PIN 값 또는 라이센스 활성화 정보를 초기화하지 않습니다.

4. **설정 선택을 마치면 메인 노브를 돌려 [Initialize]를 선택한 다음 노브를 누릅니다.**

초기화 확인 화면이 표시됩니다.

Initialize
Are you Sure?
Yes   No

5. **메인 노브를 돌려 [Yes]를 선택하고 노브를 눌러서 선택을 적용합니다.**

초기화가 완료되면 시스템이 자동으로 다시 시작됩니다.

PIN 코드를 잊어버린 경우 설정을 초기화하는 방법

예를 들어 패널 잠금에 지정한 PIN 코드 또는 관리자 PIN을 잊어버렸는데 [Settings] 화면에서 [Initialize]를 선택할 수 없는 경우에는 다음 방법을 사용하여 강제로 초기화할 수 있습니다.

주

이 강제 초기화 프로세스는 라이센스 활성화 정보를 남기지만 다른 모든 설정을 공장 기본 설정으로 복원합니다.

1. **[Fn], [MENU/HOME], [↩](뒤로 가기) 키를 동시에 길게 누른 상태에서 전원을 끕니다.**
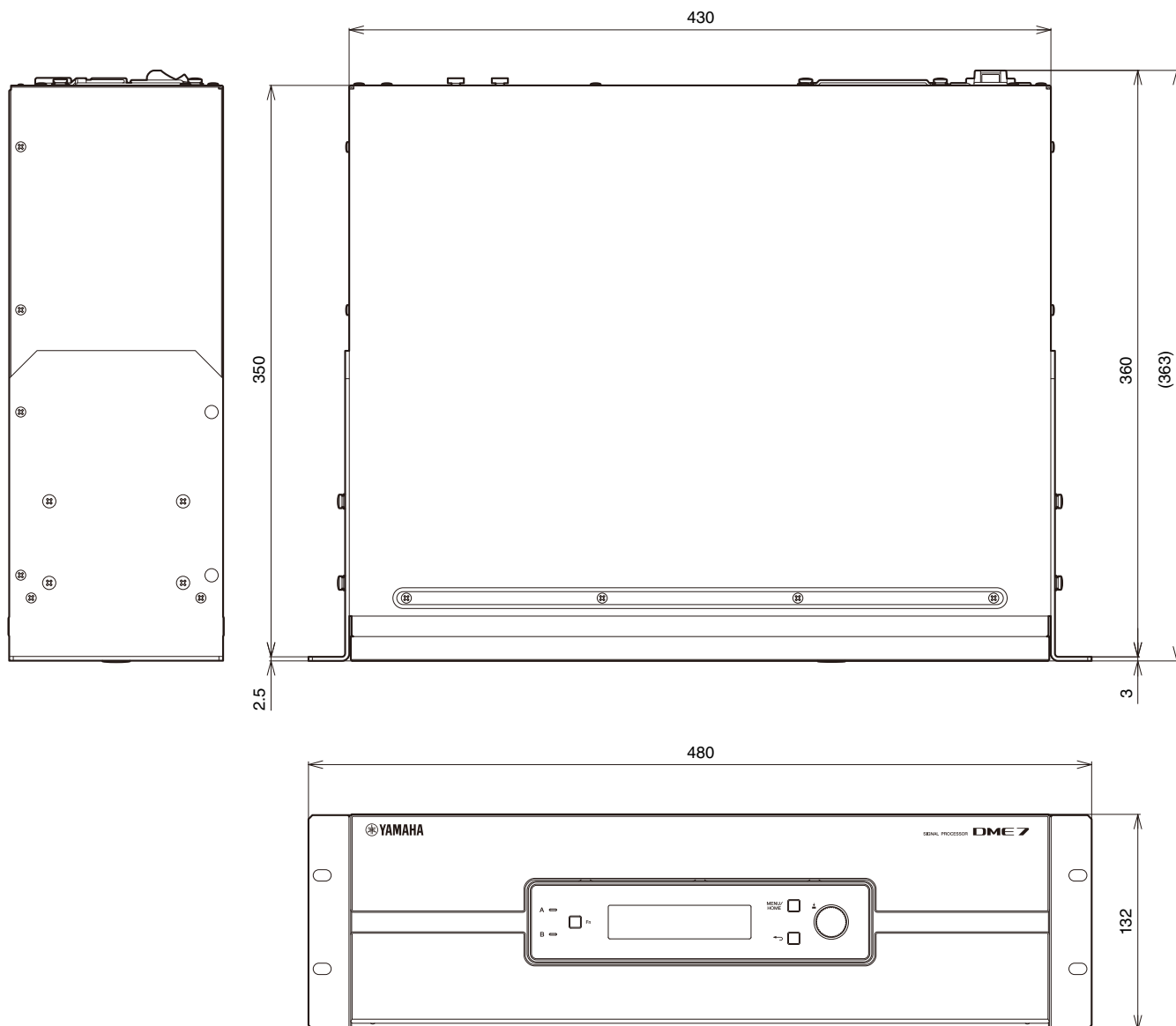
2. **Yamaha 로고와 초기화 화면이 화면에 표시될 때까지 이 세 개의 키를 계속 누르십시오.**

초기화가 완료되면 시스템이 자동으로 다시 시작됩니다.

일반 사양

Dante 인터페이스	채널 수	64IN, 64OUT, 이중화 전원 (256IN, 256OUT까지 확장 가능)
	샘플링 주파수	44.1/48/88.2/96 kHz
	비트 심도	24/32비트
USB 오디오	채널 수	8IN, 8OUT, SRC 포함
	샘플링 주파수	44.1/48/88.2/96 kHz
커넥터	Dante	etherCON × 2 (1차/2차) 1000Base-T
	DCP	RJ45
	USB - 호스트	USB 2.0 Type-C 커넥터(USB 오디오용)
	USB - 장치	USB 2.0 Type-A 커넥터(데이터 전송용)
	네트워크	RJ45 × 1 100Base-TX
	GPIO	유로 블록 16핀(mini) × 2 (GPI × 16, GPO × 8, +5 V 전원 × 4)
	MIDI	DIN 5핀 × 2 (IN, OUT)
	AC IN	AC 입력(IEC, V-Lock) × 2
AC 전원 요구 사항		100V-240 V 50 Hz/60 Hz
전력 소비		100 W
작동 온도		0 ℃ ~ +40 ℃
보관 온도		-20 ℃ ~ +60 ℃
크기(W x H x D)		480 × 132 × 363 mm (3U)
실질 중량		9.5 kg
액세서리		설치 가이드(본 설명서) × 1, 유로 블록 커넥터(16핀, 3.50 mm 피치) × 2, 전원 코드 × 2, 케이블 걸이 × 1

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 해당 설명서 파일을 다운로드받으십시오.

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

430

350

2.5

360

(363)

3

480

132

Unit: mm

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Important Notice: Guarantee Information for customers in European Economic Area (EEA) and Switzerland

English

Important Notice: Guarantee Information for customers in EEA* and Switzerland

For detailed guarantee information about this Yamaha product, and Pan-EEA* and Switzerland warranty service, please either visit the website address below (Printable file is available at our website) or contact the Yamaha representative office for your country. * EEA: European Economic Area

Deutsch

Wichtiger Hinweis: Garantie-Information für Kunden in der EWR* und der Schweiz

Für nähere Garantie-Information über dieses Produkt von Yamaha, sowie über den Pan-EWR*- und Schweizer Garantieservice, besuchen Sie bitte entweder die folgend angegebene Internetadresse (eine druckfähige Version befindet sich auch auf unserer Webseite), oder wenden Sie sich an den für Ihr Land zuständigen Yamaha-Vertrieb. *EWR: Europäischer Wirtschaftsraum

Français

Remarque importante: informations de garantie pour les clients de l'EEE et la Suisse

Pour des informations plus détaillées sur la garantie de ce produit Yamaha et sur le service de garantie applicable dans l'ensemble de l'EEE ainsi qu'en Suisse, consultez notre site Web à l'adresse ci-dessous (le fichier imprimable est disponible sur notre site Web) ou contactez directement Yamaha dans votre pays de résidence. * EEE : Espace Economique Européen

Nederlands

Belangrijke mededeling: Garantie-informatie voor klanten in de EER* en Zwitserland

Voor gedetailleerde garantie-informatie over dit Yamaha-product en de garantieservice in heel de EER* en Zwitserland, gaat u naar de onderstaande website (u vind een afdrukbaar bestand op onze website) of neemt u contact op met de vertegenwoordiging van Yamaha in uw land. * EER: Europese Economische Ruimte

Español

Aviso importante: información sobre la garantía para los clientes del EEE* y Suiza

Para una información detallada sobre este producto Yamaha y sobre el soporte de garantía en la zona EEE* y Suiza, visite la dirección web que se incluye más abajo (la version del archivo para imprimir esta disponible en nuestro sitio web) o póngase en contacto con el representante de Yamaha en su país. * EEE: Espacio Económico Europeo

Italiano

Avviso importante: informazioni sulla garanzia per i clienti residenti nell'EEA* e in Svizzera

Per informazioni dettagliate sulla garanzia relativa a questo prodotto Yamaha e l'assistenza in garanzia nei paesi EEA* e in Svizzera, potete consultare il sito Web all'indirizzo riportato di seguito (è disponibile il file in formato stampabile) oppure contattare l'ufficio di rappresentanza locale della Yamaha. * EEA: Area Economica Europea

Português

Aviso importante: informações sobre as garantias para clientes da AEE* e da Suíça

Para obter uma informação pormenorizada sobre este produto da Yamaha e sobre o serviço de garantia na AEE* e na Suíça, visite o site a seguir (o arquivo para impressão está disponível no nosso site) ou entre em contato com o escritório de representação da Yamaha no seu país. * AEE: Área Econômica Européia

Ελληνικά

Σημαντική σημείωση: Πληροφορίες εγγύησης για τους πελάτες στον ΕΟΧ* και Ελβετία

Για λεπτομερείς πληροφορίες εγγύησης σχετικά με το παρόν προϊόν της Yamaha και την κάλυψη εγγύησης σε όλες τις χώρες του ΕΟΧ και την Ελβετία, επισκεφτείτε την παρακάτω ιστοσελίδα (Εκτυπώσιμη μορφή είναι διαθέσιμη στην ιστοσελίδα μας) ή απευθυνθείτε στην αντιπροσωπεία της Yamaha στη χώρα σας. * ΕΟΧ: Ευρωπαϊκός Οικονομικός Χώρος

Svenska

Viktigt: Garantiinformation för kunder i EES-området* och Schweiz

För detaljerad information om denna Yamahaprodukt samt garantiservice i hela EES-området* och Schweiz kan du antingen besöka nedanstående webbaddress (en utskriftsvänlig fil finns på webbplatsen) eller kontakta Yamahas officiella representant i ditt land. * EES: Europeiska Ekonomiska Samarbetsområdet

Norsk

Viktig merknad: Garantiinformasjon for kunder i EØS* og Sveits

Detaljert garantiinformasjon om dette Yamaha-produktet og garantiservice for hele EØS-området* og Sveits kan fås enten ved å besøke nettadressen nedenfor (utskriftsversjon finnes på våre nettsider) eller kontakte kontakte Yamaha-kontoret i landet der du bor. *EØS: Det europeiske økonomiske samarbeidsområdet

Dansk

Vigtig oplysning: Garantioplysninger til kunder i EØO* og Schweiz

De kan finde detaljerede garantioplysninger om dette Yamaha-produkt og den fælles garantiserviceordning for EØO* (og Schweiz) ved at besøge det websted, der er angivet nedenfor (der findes en fil, som kan udskrives, på vores websted), eller ved at kontakte Yamahas nationale repræsentationskontor i det land, hvor De bor. * EØO: Det Europæiske Økonomiske Område

Suomi

Tärkeä ilmoitus: Takuutiedot Euroopan talousalueen (ETA)* ja Sveitsin asiakkaille

Tämän Yamaha-tuotteen sekä ETA-alueen ja Sveitsin takuuta koskevat yksityiskohtaiset tiedot saatte alla olevasta nettiosoitteesta. (Tulostettava tiedosto saatavissa sivustollamme.) Voitte myös ottaa yhteyttä paikalliseen Yamaha-edustajaan. *ETA: Euroopan talousalue

Polski

Ważne: Warunki gwarancyjne obowiązujące w EOG* i Szwajcarii

Aby dowiedzieć się więcej na temat warunków gwarancyjnych tego produktu firmy Yamaha i serwisu gwarancyjnego w całym EOG* i Szwajcarii, należy odwiedzić wskazaną poniżej stronę internetową (Plik gotowy do wydruku znajduje się na naszej stronie internetowej) lub skontaktować się z przedstawicielstwem firmy Yamaha w swoim kraju. * EOG — Europejski Obszar Gospodarczy

Česky

Důležité oznámení: Záruční informace pro zákazníky v EHS* a ve Švýcarsku

Podrobné záruční informace o tomto produktu Yamaha a záručním servisu v celém EHS* a ve Švýcarsku naleznete na níže uvedené webové adrese (soubor k tisku je dostupný na našich webových stránkách) nebo se můžete obrátit na zastoupení firmy Yamaha ve své zemi. * EHS: Evropský hospodářský prostor

Magyar

Fontos figyelmeztetés: Garancia-információk az EGT* területén és Svájcban élő vásárlók számára

A jelen Yamaha termékre vonatkozó részletes garancia-információk, valamint az EGT*-re és Svájcra kiterjedő garanciális szolgáltatás tekintetében keresse fel webhelyünket az alábbi címen (a webhelyen nyomtatható fájlt is talál), vagy pedig lépjen kapcsolatba az országában működő Yamaha képviseleti irodával. * EGT: Európai Gazdasági Térség

Eesti keel

Oluline märkus: Garantiiteave Euroopa Majanduspiirkonna (EMP)* ja Šveitsi klientidele

Täpsema teabe saamiseks selle Yamaha toote garantii ning kogu Euroopa Majanduspiirkonna ja Šveitsi garantiiteeninduse kohta, külastage palun veebisaiti alljärgneval aadressil (meie saidil on saadaval prinditav fail) või pöörduge Teie regiooni Yamaha esinduse poole. * EMP: Euroopa Majanduspiirkond

Latviešu

Svarīgs paziņojums: garantijas informācija klientiem EEZ* un Šveicē

Lai saņemtu detalizētu garantijas informāciju par šo Yamaha produktu, kā arī garantijas apkalpošanu EEZ* un Šveicē, lūdzu, apmeklējiet zemāk norādīto tīmekļa vietnes adresi (tīmekļa vietnē ir pieejams drukājams fails) vai sazinieties ar jūsu valsti apkalpojošo Yamaha pārstāvniecību. * EEZ: Eiropas Ekonomikas zona

Lietuvių kalba

Dėmesio: informacija dėl garantijos pirkėjams EEE* ir Šveicarijoje

Jei reikia išsamios informacijos apie šį „Yamaha" produktą ir jo techninę priežiūrą visoje EEE* ir Šveicarijoje, apsilankykite mūsų svetainėje toliau nurodytu adresu (svetainėje yra spausdintinas failas) arba kreipkitės į „Yamaha" atstovybę savo šaliai. *EEE – Europos ekonominė erdvė

Slovenčina

Dôležité upozornenie: Informácie o záruke pre zákazníkov v EHP* a Švajčiarsku

Podrobné informácie o záruke týkajúce sa tohto produktu od spoločnosti Yamaha a záručnom servise v EHP* a Švajčiarsku nájdete na webovej stránke uvedenej nižšie (na našej webovej stránke je k dispozícii súbor na tlač) alebo sa obráťte na zástupcu spoločnosti Yamaha vo svojej krajine. * EHP: Európsky hospodársky priestor

Slovenščina

Pomembno obvestilo: Informacije o garanciji za kupce v EGP* in Švici

Za podrobnejše informacije o tem Yamahinem izdelku ter garancijskem servisu v celotnem EGP in Švici, obiščite spletno mesto, ki je navedeno spodaj (natisljiva datoteka je na voljo na našem spletnem mestu), ali se obrnite na Yamahinega predstavnika v svoji državi. * EGP: Evropski gospodarski prostor

Български език

Важно съобщение: Информация за гаранцията за клиенти в ЕИП* и Швейцария

За подробна информация за гаранцията за този продукт на Yamaha и гаранционното обслужване в паневропейската зона на ЕИП* и Швейцария или посетете посочения по-долу уеб сайт (на нашия уеб сайт има файл за печат), или се свържете с представителния офис на Yamaha във вашата страна. * ЕИП: Европейско икономическо пространство

Limba română

Notificare importantă: Informații despre garanție pentru clienții din SEE* și Elveția

Pentru informații detaliate privind acest produs Yamaha și serviciul de garanție Pan-SEE* și Elveția, vizitați site-ul la adresa de mai jos (fișierul imprimabil este disponibil pe site-ul nostru) sau contactați biroul reprezentanței Yamaha din țara dumneavoastră. * SEE: Spațiul Economic European

Hrvatski

Važna obavijest: Informacije o jamstvu za države EGP-a i Švicarske

Za detaljne informacije o jamstvu za ovaj Yamahin proizvod te jamstvenom servisu za cijeli EGP i Švicarsku, molimo Vas da posjetite web-stranicu navedenu u nastavku ili kontaktirate ovlaštenog Yamahinog dobavljača u svojoj zemlji. * EGP: Europski gospodarski prostor

https://europe.yamaha.com/warranty/

URL_5

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