



**Signal Processor**

**Processeur de signaux audio**

**Procesador de Señal**

**Processador de sinal**

**Сигнальный процессор**

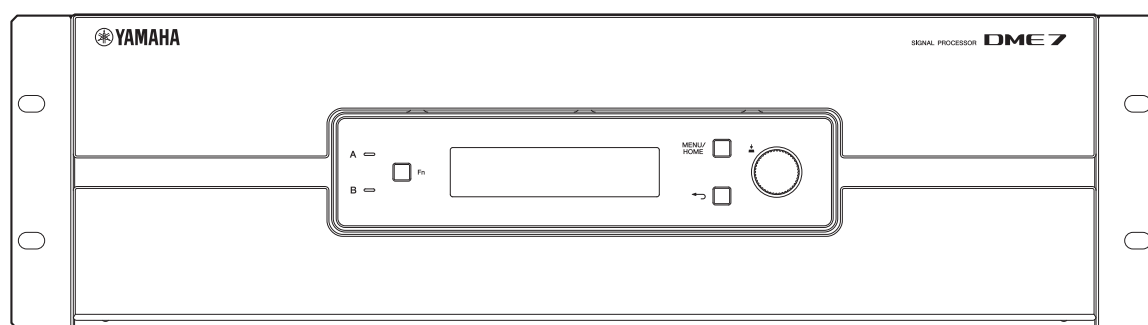
**信号处理器**

**訊號處理器**

**오디오프로세서**

**シグナルプロセッサ**

# DME 7



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

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## 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)

# PRECAUZIONI

## LEGGERE ATTENTAMENTE PRIMA DI CONTINUARE

Conservare questo manuale in un luogo sicuro per future consultazioni.



### AVVERTENZA

**Attenersi sempre alle precauzioni di base indicate di seguito per evitare il rischio di lesioni gravi o addirittura di morte dovuto a scosse elettriche, cortocircuiti, danni, incendi o altri pericoli. Tali precauzioni includono, fra le altre, quelle indicate di seguito:**

#### Anomalie

- Se si verifica uno dei problemi riportati di seguito, spegnere immediatamente il prodotto e scollegare la spina elettrica dalla presa.
    - La spina o il cavo di alimentazione è danneggiato.
    - Vengono emessi odori insoliti o fumo.
    - Alcuni oggetti o dell'acqua sono caduti nel prodotto.
    - Si verifica un'improvvisa scomparsa del suono durante l'utilizzo del prodotto.
    - Il prodotto presenta crepe o altri danni visibili.
- Richiedere quindi l'assistenza o la riparazione da parte di un tecnico autorizzato Yamaha.

#### Alimentazione

- Non posizionare il cavo di alimentazione in prossimità di fonti di calore, quali radiatori o caloriferi. Non piegarlo eccessivamente né danneggiarlo. Non posizionare oggetti pesanti sul cavo, né collocarlo in luoghi dove potrebbe essere calpestato.
- Utilizzare solo la tensione corretta specificata per il prodotto. La tensione necessaria è indicata sulla piastrina del nome del prodotto.
- Utilizzare solo il cavo di alimentazione o la spina elettrica in dotazione.
 

Se si intende utilizzare il prodotto in un paese diverso da quello di acquisto, il cavo di alimentazione fornito potrebbe non essere utilizzabile. Per ulteriori informazioni, contattare il rivenditore Yamaha.
- Controllare periodicamente la spina elettrica ed eventualmente rimuovere la sporcizia o la polvere accumulata.
- Assicurarsi di inserire completamente la spina elettrica per evitare scosse elettriche o un incendio.
- Questo prodotto è alimentato da più fonti. Prima di installare il prodotto, assicurarsi che la presa CA utilizzata sia facilmente accessibile. In caso di guasti o malfunzionamenti, spegnere immediatamente l'unità e scollegare tutte le spine elettriche dalle prese di corrente. Anche quando l'interruttore di alimentazione è spento, a condizione che il cavo di alimentazione non sia staccato dalla presa CA, il prodotto non si disconnette dalla sorgente di alimentazione.



- Se si prevede di non utilizzare il prodotto per un lungo periodo di tempo, rimuovere la spina dalla presa elettrica.

- Non toccare il prodotto o la spina elettrica durante una tempesta elettrica.
- Collegare il cavo a una presa appropriata dotata di messa a terra. Una messa a terra non corretta potrebbe causare scosse elettriche, incendi o danni.

#### Non aprire

- Questo prodotto non contiene componenti riparabili dall'utente. Non tentare di smontare o modificare in alcun modo i componenti interni.

#### Esposizione all'acqua

- Non esporre il prodotto alla pioggia, non usarlo vicino all'acqua o in ambienti umidi o bagnati né sistemare su di esso contenitori di liquidi (ad es. tazze, bicchieri o bottiglie) che possano riversarsi in una qualsiasi delle aperture.
- Non inserire o rimuovere la spina elettrica con le mani bagnate.

#### Esposizione al fuoco

- Non posizionare oggetti accesi o fiamme vive in prossimità del prodotto per evitare il rischio di incendio.

#### Danni all'udito

- Prima di collegare il prodotto ad altri dispositivi, spegnere tutte le unità del sistema. Inoltre, prima di accendere o spegnere tutte le unità del sistema, assicurarsi che tutti i livelli di volume siano impostati al minimo. In caso contrario, è possibile danneggiare il proprio udito, subire una scossa elettrica o danneggiare i dispositivi.
- Quando si accende il sistema audio, accendere sempre l'amplificatore PER ULTIMO, per evitare danni all'udito e all'altoparlante. Analogamente, quando si spegne il sistema audio, l'amplificatore deve essere spento PER PRIMO.

#### Batteria

- Ricaricare entro gli intervalli di temperatura specificati. Effettuando la ricarica con temperature al di fuori dell'intervallo specificato, è possibile che si verifichino fuoriuscite di liquido, surriscaldamento, esplosioni e danni.



## ATTENZIONE

**Attenersi sempre alle precauzioni di base elencate di seguito per evitare la possibilità di lesioni personali o ad altre persone. Tali precauzioni includono, fra le altre, quelle indicate di seguito:**

### Alimentazione

- Per scollegare il cavo di alimentazione dal prodotto o dalla presa elettrica, afferrare sempre la spina e non il cavo, per evitare di danneggiarlo.

### Posizione e collegamento

- Non collocare il prodotto in posizione instabile o soggetta a vibrazioni eccessive, per evitare che cada e che causi eventualmente lesioni.
- Tenere il prodotto fuori dalla portata dei bambini. Questo prodotto non è adatto per l'uso in luoghi in cui potrebbero essere presenti dei bambini.
- Non ostruire le prese d'aria. Questo prodotto dispone di prese di ventilazione frontali che impediscono il surriscaldamento interno dell'unità. In particolare, non appoggiare il prodotto sui lati, né in posizione capovolta. Una ventilazione non adeguata può causare surriscaldamento, con conseguenti danni al prodotto o incendi.
- Per dissipare correttamente il calore del prodotto, durante l'installazione:
  - Non coprire il prodotto con un panno.
  - Non installare il prodotto su un tappeto o sulla moquette.
  - Assicurarsi che la superficie superiore sia rivolta verso l'alto; non installare il prodotto posizionandolo sui lati, né capovolgendolo.
  - Non utilizzare il prodotto in locali angusti e scarsamente ventilati.

Una ventilazione non adeguata può causare surriscaldamento, con conseguenti danni al prodotto o incendi. Assicurarsi di lasciare spazio sufficiente intorno al prodotto: almeno 10 cm nella parte superiore, 10 cm sui lati e 15 cm nella parte posteriore.

- Se il prodotto viene montato in un rack EIA standard, leggere attentamente la sezione "Precauzioni per l'installazione in rack" a pagina 57. Una ventilazione non adeguata può causare surriscaldamento, con conseguenti danni al prodotto, malfunzionamenti o incendi.

Se si intende utilizzare il prodotto in uno spazio ristretto diverso da un rack EIA standard, assicurarsi che vi sia spazio sufficiente intorno al prodotto stesso: almeno 10 cm nella parte superiore, 10 cm sui lati e 15 cm nella parte posteriore.

- Non collocare il prodotto in una posizione che comporti il rischio di contatto con gas corrosivi o aria salmastra per evitare possibili malfunzionamenti.
- Prima di spostare il prodotto, scollegare tutti i cavi.

### Manutenzione

- Durante la pulizia del prodotto, rimuovere la spina elettrica dalla presa CA.

### Precauzioni di utilizzo

- Non introdurre le dita o le mani nelle aperture del prodotto (prese d'aria, pannelli, etc.).
- Non appoggiarsi al prodotto né collocarvi sopra oggetti pesanti.

### Batteria di backup

- Non sostituire autonomamente la batteria di backup. Tale operazione potrebbe causare un'esplosione e/o danni ai prodotti.

Quando la batteria di backup deve essere sostituita, sul display sarà visualizzato il messaggio "Low Battery" (Batteria quasi scarica) o "No Battery" (Batteria scarica). In questo caso rivolgersi a un rivenditore Yamaha per fare in modo che un tecnico autorizzato Yamaha sostituisca la batteria di backup.

## AVVISO

Attenersi sempre alle precauzioni di base indicate di seguito per evitare il rischio di guasti/danni al prodotto o ad altri elementi, così come la perdita dei dati.

### ■ Gestione e manutenzione

- Non collegare il prodotto alla rete Wi-Fi pubblica e/o direttamente a internet. Collegare il prodotto a internet solo per mezzo di un router a cui è possibile accedere tramite una valida password. Consultare il manuale del proprio router per maggiori informazioni sulla sicurezza.
- Non utilizzare il prodotto vicino a TV, radio e qualsiasi altra unità elettrica. In caso contrario, il prodotto o tali unità potrebbero generare disturbi e interferenze.
- Per evitare la deformazione dei pannelli, un funzionamento instabile e danni ai componenti interni, non esporre il prodotto a troppa polvere o vibrazioni, né a temperature estreme.
- Non installare in ambienti con grandi escursioni di temperatura. In caso contrario, la condensa che si formerebbe all'interno o sulla superficie del prodotto potrebbe causarne il danneggiamento.
- Nel caso in cui si sospetti la formazione di condensa, per evitare guasti si raccomanda di non accendere il prodotto per diverse ore, o comunque fino all'avvenuta evaporazione della condensa.
- Non collocare oggetti di vinile, plastica o gomma sul prodotto, dato che ciò potrebbe causare la deformazione o lo scolorimento del pannello.
- Pulire il prodotto utilizzando un panno asciutto e morbido. Non utilizzare soluzioni acquose a base di ipoclorito, alcol, diluenti per vernici, solventi, prodotti liquidi per la pulizia o panni impregnati con sostanze chimiche, dato che ciò potrebbe provocare la deformazione o lo scolorimento dei pannelli.
- Utilizzare un cavo USB type-C (da USB-A a USB-C oppure da USB-C a USB-C) non più lungo di 3 metri.



#### **Avvertenza**

**L'utilizzo dell'apparato in ambienti residenziali può causare interferenze radio.**

## Informazioni

### ■ Note su funzioni/dati inclusi con il prodotto

- Questo prodotto utilizza un Dante IP Core.  
Fare riferimento al sito internet di Audinate (in inglese) per maggiori dettagli sulle licenze open source per il software in oggetto.  
<https://www.audinate.com/software-licensing>

### ■ Note sul manuale

- Le immagini e le schermate riprodotte nella presente guida sono esemplificative.
- I nomi di aziende e di prodotti menzionati in questa guida sono marchi commerciali o marchi registrati appartenenti ai rispettivi proprietari.
- Il software può essere soggetto a revisioni e aggiornamenti senza ulteriore preavviso.

### ■ Note sullo smaltimento

- Questo prodotto contiene componenti riciclabili.  
Per lo smaltimento dell'unità, contattare gli enti locali preposti.

Yamaha non potrà essere ritenuta responsabile per i danni causati dall'uso improprio o dalle modifiche apportate al prodotto, né per l'eventuale perdita o danneggiamento dei dati.

Il numero del modello, il numero di serie, i requisiti per l'alimentazione elettrica etc., possono essere dedotti su o accanto alla placca di denominazione, presente sulla parte superiore dell'unità. Annotare il numero di serie nello spazio indicato di seguito e conservare il manuale come documento di comprovazione dell'acquisto; in tal modo, in caso di furto, l'identificazione sarà più semplice.

**Numero del modello**

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**Numero di serie**

---

(1003-M06 plate top it 01)

## Introduzione

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Grazie per aver scelto il processore di segnale Yamaha DME7. Questo prodotto può elaborare una vasta gamma di segnali audio. La presente Guida alla configurazione descrive le istruzioni di base per l'impostazione dei parametri durante l'installazione. Per assicurare l'ottimizzazione delle varie funzionalità, si raccomanda di leggere la presente Guida alla configurazione prima di utilizzare il prodotto. Dopo aver letto la Guida, conservarla in un luogo sicuro per future consultazioni.

## Caratteristiche

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- **Processore di segnale programmabile utilizzabile per l'elaborazione di sistemi audio in una vasta gamma di applicazioni.**

Il DME7 è un processore liberamente configurabile che offre sofisticate funzioni e tutta la qualità audio che serve ai sistemi audio impiegati in una vasta gamma di applicazioni. Oltre alle classiche funzionalità, come ad esempio matrice/mixer, equalizzatore, delay, compressore e gate, l'unità include molti componenti per il supporto di altre applicazioni, come ad esempio auto-mixer e room combiner. L'unità è anche compatibile con sistemi audio di grande scala composti da 256 x 256 canali\* di ingressi/uscite Dante.

(\* L'incremento del numero di canali richiede una licenza supplementare.)

- **L'applicazione software ProVisionaire Design può essere usata per progettare l'intero sistema audio**

Oltre all'uso di ProVisionaire Design per la programmazione dell'elaborazione audio mediante l'unità DME7, il software può essere sfruttato per configurare un intero sistema audio integrato, inclusi amplificatori e ingressi/uscite.

- **Compatibilità per i controller esterni**

Diverse parti dell'unità sono compatibili con i pannelli di controllo murali DCP. L'unità è compatibile inoltre coi pannelli di controllo a sfioramento, come ad esempio ProVisionaire Touch Kiosk e ProVisionaire Control tablet software, che possono essere utilizzati per personalizzare gli impianti e gli ambienti operativi in base alle applicazioni in dotazione.

## Sommario

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Introduzione.....	56	Installazione dei connettori Euroblock.....	58
Caratteristiche .....	56	Collegamento del cavo di alimentazione .....	58
Contenuto della confezione (si prega di verificare) .....	57	Accensione e spegnimento.....	58
Manuali inclusi.....	57	Installazione del gancio di tenuta.....	59
Risoluzione dei problemi .....	57	Impostazioni dell'unità principale .....	59
Software ProVisionaire Design .....	57	Ripristino (reinizializzazione) delle impostazioni di	
Drive USB Yamaha Steinberg.....	57	fabbrica .....	61
Aggiornamento del firmware.....	57	Specifiche tecniche generali .....	62
Precauzioni per l'installazione in rack .....	57	Dimensioni .....	118

## Contenuto della confezione (si prega di verificare)

- ☐ Guida alla configurazione (questo manuale) × 1
- ☐ Connettori Euroblock (a 16 pin, passo 3,50 mm) × 2
- ☐ Cavi di alimentazione × 2
- ☐ Gancio di tenuta × 1

## Manuali inclusi

### • Guida alla configurazione del DME7 (questo manuale)

Descrive la procedura di configurazione, dal collegamento del cavo di alimentazione alle impostazioni del sistema.

### • Manuale di riferimento del DME7 (HTML)

Descrive tutto ciò che è necessario sapere per la configurazione dei parametri e il funzionamento del sistema.

### • Guida per l'utente ProVisionaire Design (HTML)

Descrive come utilizzare il software ProVisionaire Design per controllare il prodotto tramite un computer.

## Risoluzione dei problemi

Leggere le FAQ (domande frequenti) pubblicate sul sito internet di Yamaha Pro Audio.

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

## Software ProVisionaire Design

Questa applicazione software per Windows integra impostazioni per dispositivi come processori di segnale, amplificatori di potenza e interfacce audio.

Scaricare ProVisionaire Design dal seguente sito internet:  
<https://www.yamahaproaudio.com/>

Per maggiori dettagli, fare riferimento alla Guida per l'utente ProVisionaire Design (HTML).

## Drive USB Yamaha Steinberg

Questo driver software consente di collegare l'unità DME7 a un computer tramite il protocollo USB.

Così facendo, sarà possibile interfacciarsi con il software DAW e altri dispositivi utilizzando fino a 8 ingressi e 8 uscite audio.

Scaricare il driver dal seguente sito internet:  
<https://www.yamahaproaudio.com/>

## Aggiornamento del firmware

Le specifiche del prodotto consentono di aggiornare il firmware dell'unità principale allo scopo di migliorarne il funzionamento, aggiungere caratteristiche supplementari e correggere eventuali anomalie di sistema.

Quando disponibili, gli aggiornamenti del firmware possono essere scaricati dal seguente sito internet:

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

Fare riferimento a "Guida per l'utente ProVisionaire Design (HTML)" per la procedura aggiornata e le impostazioni dell'unità principale.

### NOTA

In alcuni casi, l'aggiornamento è richiesto per consentire la compatibilità con altri dispositivi, e ciò in base alla versione delle unità incluse nella rete Dante. Per maggiori informazioni, controllare la tabella di compatibilità firmware sul sito internet Yamaha sopra riportato.

## Precauzioni per l'installazione in rack

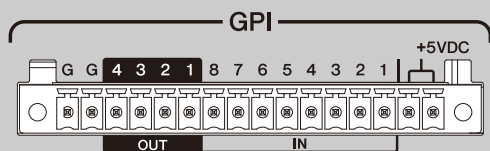
Il prodotto può essere usato in ambienti in cui la temperatura è compresa tra 0 e 40 °C. Nel caso si intendano utilizzare solo unità DME7, queste possono essere installate in un rack EIA standard senza lasciare alcuno spazio tra i moduli. Se installato in un rack EIA standard insieme a unità differenti, il calore generato da queste potrebbe impedire il corretto funzionamento del prodotto. Per evitare il surriscaldamento all'interno del prodotto, assicurarsi di installarlo in modo da soddisfare le seguenti condizioni.

- Se installato insieme a un amplificatore di potenza o altri dispositivi in grado di generare calore, lasciare almeno una unità rack di spazio tra il prodotto e altri moduli audio. Inoltre, per garantire un'adeguata ventilazione, installare un pannello di ventilazione in tali spazi vuoti, oppure lasciarli del tutto aperti.
- Il prodotto è stato progettato per aspirare l'aria dalle prese di ventilazione frontali e per scaricarla dal retro, per cui evitare di installarlo insieme ad altri dispositivi che aspirano aria dal retro espellendola dal davanti.
- Lasciare il retro del rack aperto e posizionare lo stesso ad almeno 10 cm di distanza dal muro o dal soffitto. Nel caso non sia possibile lasciare aperto il retro del rack, utilizzare un kit di ventilazione disponibile in commercio o un sistema di ventilazione forzata simile. Installando un kit di ventilazione, in alcuni casi è possibile dissipare in modo più efficace il calore in eccesso chiudendo il retro del rack. Per maggiori informazioni, fare riferimento ai manuali di istruzione del rack e del kit di ventilazione.

# Installazione dei connettori Euroblock

Utilizzare i connettori Euroblock in dotazione per collegare i terminali [GPI].

3,5 mm  
Euroblock a 16 pin



## Preparazione e impiego dei cavi

Spellare il cavo da collegare al connettore Euroblock come mostrato nell'immagine e collegare i cavi conduttori. Si noti che la sovrapposizione o la vibrazione dei cavi connessi all'Euroblock possono causare la rottura dei conduttori dovuta alla sollecitazione dei metalli.

Dimensioni di riferimento

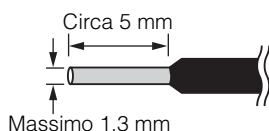


### Attenzione

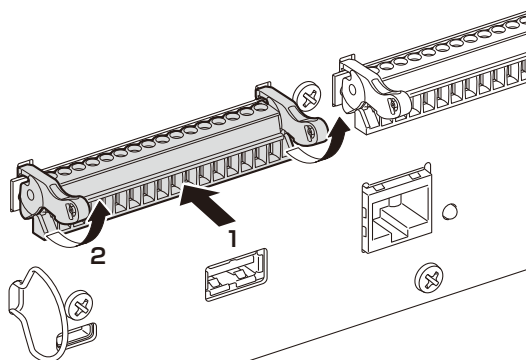
Quando si usa del filo spellato, non saldarne le estremità.

Se i collegamenti vengono inseriti e disinseriti frequentemente, si consiglia di utilizzare terminali pin dotati di manicotti di isolamento. Utilizzare i connettori pin come quello di seguito mostrato.

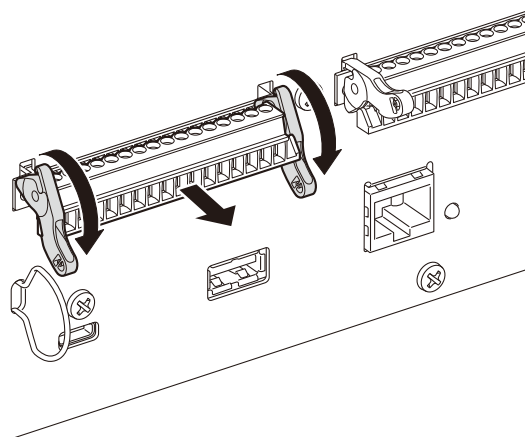
Utilizzare un modello con un diametro massimo di 1,3 mm e lunghezza di circa 5 mm (come ad esempio il modello AI0, 5-6WH prodotto da Phoenix Contact).



1. Inserire il connettore Euroblock completamente nel connettore [GPI] principale fino a toccare il lato più in basso. Quindi, alzare i fermi sui lati sinistro e destro.



2. Per scollegare un connettore Euroblock, abbassare i fermi sinistro e destro ed estrarre il connettore.



## Collegamento del cavo di alimentazione



### Avvertenza

Utilizzare sempre il cavo di alimentazione in dotazione. Non utilizzare cavi di alimentazione forniti con altri prodotti. In caso contrario, è possibile che si verifichino guasti, surriscaldamento, incendi o altri problemi.



### Attenzione

Assicurarsi di SPEGNERE l'unità prima di collegare o scollegare il cavo di alimentazione.

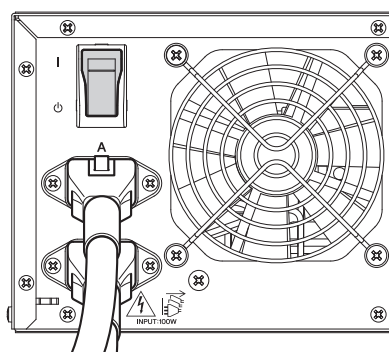
1. Collegare il cavo di alimentazione in dotazione. Innanzitutto, collegare il cavo di alimentazione all'unità principale; quindi, inserire la spina del cavo nella presa di corrente.

### NOTA

- Per scollegare il cavo di alimentazione, eseguire la procedura sopra descritta in senso inverso.
- Premere il fermo del cavo di alimentazione per scollegare il cavo.

## Accensione e spegnimento

1. Premere l'interruttore sul pannello posteriore in posizione ON (I) oppure OFF (O).



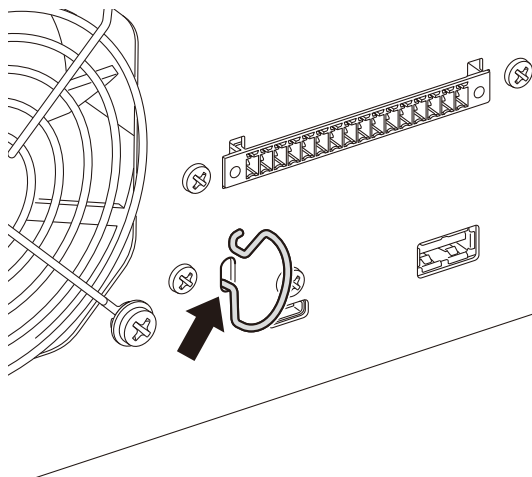
### AVVISO

- Dopo aver spento l'unità, attendere almeno cinque secondi prima di riaccenderla. In caso contrario, è possibile che si verifichi un guasto.
- L'unità rimane sotto tensione anche quando è spenta. Assicurarsi di scollegare il cavo di alimentazione dalla presa di corrente se non si intende usare l'unità per un periodo di tempo prolungato.

## Installazione del gancio di tenuta

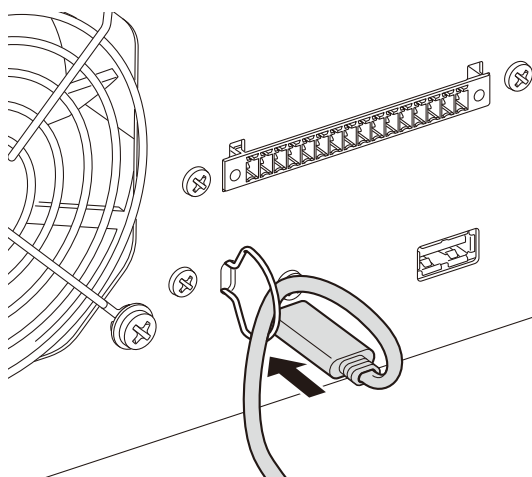
È presente un gancio di tenuta che impedisce al cavo USB di staccarsi accidentalmente. Il gancio può essere installato seguendo la procedura in basso descritta.

1. Inserire un'estremità del gancio di tenuta nella parte bassa dello slot di sicurezza, situato in basso a sinistra sul pannello posteriore.



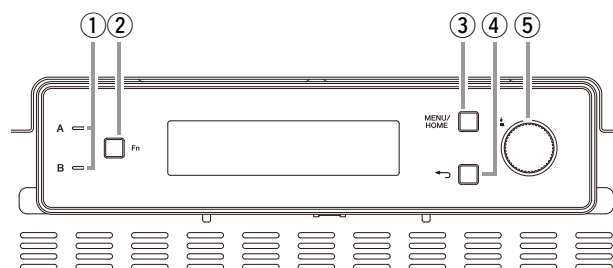
2. Quindi inserire l'altra estremità del gancio di tenuta nella parte alta dello slot di sicurezza.

3. Far passare il cavo USB attraverso il gancio di tenuta e collegarlo alla porta USB.



## Impostazioni dell'unità principale

### Panoramica del pannello frontale



#### ① Indicatore [A/B]

Mostra quale terminale [A]/[B] AC IN (ingresso alimentazione) è connesso all'alimentazione. Si illumina in verde quando l'unità è accesa.

#### ② Pulsante [Fn]

Premendo questo pulsante è possibile visualizzare la schermata [Device Mute]. Premendolo nuovamente, viene mostrata la schermata [Control Function].

#### ③ Pulsante [MENU/HOME]

Può essere utilizzato per passare dalla schermata [Menu] alla schermata [Home].

#### ④ Tasto [↶] (indietro)

Permette di tornare alla schermata precedente.

#### ⑤ Manopola principale

Permette di selezionare i parametri o di modificarne l'impostazione. Per applicare il nuovo valore, premere la manopola.

### Impostazione PANEL LOCK/UNLOCK

Tenendo premuti i pulsanti [MENU/HOME] e [↶] (indietro) per almeno due secondi, è possibile bloccare o sbloccare il pannello dei comandi.

Quando il pannello è bloccato, nella schermata [Home] viene mostrata l'icona di una chiave.

## Impostazione dell'ID dell'unità

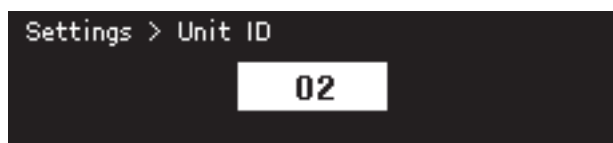
Nel caso in cui si desideri collegare più unità DME7, assicurarsi che ogni unità abbia un numero di ID differente.

1. Nella schermata [Menu], ruotare la manopola principale per selezionare [Setting]. Premere quindi la manopola per applicare l'impostazione.

Viene mostrata la schermata [Unit ID].



2. Nella schermata [Unit ID], premere la manopola principale per attivare la modalità Edit.

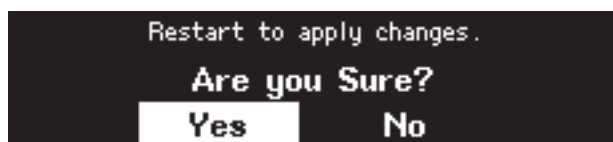


3. Ruotare la manopola per selezionare l'ID desiderato.

Cambiando l'impostazione del parametro Unit ID, il valore inizia a lampeggiare.

4. Una volta modificato il valore di Unit ID, premere la manopola principale.

Appare un messaggio che invita l'utente a riavviare l'unità.

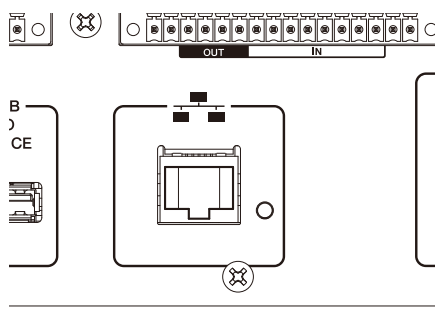


5. Ruotare la manopola principale per selezionare [Yes]. Premere quindi la manopola per applicare l'impostazione.

Il nuovo Unit ID viene attivato dopo il riavvio dell'unità.

## Collegamento a ProVisionaire Design

Collegare il computer su cui è stato installato il software ProVisionaire Design direttamente al connettore di rete sul retro dell'unità principale, o tramite uno switch di rete.



## Impostazione dell'indirizzo IP

Questo permette di specificare l'indirizzo IP per la porta (DME control port) utilizzata per comunicare con ProVisionaire Design.

1. Nella schermata [Menu], ruotare la manopola principale per selezionare [Setting]. Premere quindi la manopola per applicare l'impostazione.

Viene mostrata la schermata [Unit ID].



2. Ruotare la manopola principale per selezionare [IP Settings]. Premere quindi la manopola principale per selezionare l'impostazione.

Viene mostrata la schermata [DME Control Port].



3. Nella schermata [DME Control Port], premere la manopola principale per selezionare la schermata [Network Mode].



4. Premere la manopola principale per attivare la modalità di modifica.

5. Ruotare la manopola principale per selezionare [Unit ID], quindi premerla nuovamente per applicare l'impostazione.



Questo determinerà l'impostazione dell'indirizzo IP su 192.168.0.x (dove "x" indica lo Unit ID) e della maschera di sottorete su 255.255.255.0.

### NOTA

Per impostazioni in modalità DHCP o con IP statico, fare riferimento alla Guida per l'utente ProVisionaire Design.

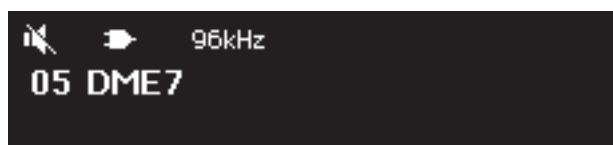
## Attivazione/Disattivazione del mute

1. Premere il pulsante [Fn] per visualizzare la schermata [Device Mute].



2. Ruotare la manopola principale per selezionare [Yes], quindi premerla per applicare l'impostazione.

Lo stato ON/OFF di mute può essere visualizzato in base alle icone che appaiono nella parte superiore della schermata [Home].



Per annullare lo stato di mute, premere nuovamente il pulsante [Fn].

### NOTA

Premendo due volte di seguito il pulsante [Fn], è possibile visualizzare la schermata di controllo ON/OFF. Qui è possibile usare la stessa procedura per specificare lo stato di mute.

## Ripristino (reinizializzazione) delle impostazioni di fabbrica

L'unità può essere reinizializzata in due modi.

### Selezionando [Settings] e poi [Initialize Settings]

Non spegnere l'unità durante l'operazione di inizializzazione.

1. Nella schermata [Menu], ruotare la manopola principale per selezionare [Setting]. Premere quindi la manopola per applicare l'impostazione.

Viene mostrata la schermata [Unit ID].



2. Ruotare la manopola principale per selezionare [Initialize Settings]. Premere quindi la manopola per applicare la selezione.



Viene mostrata una schermata per l'inizializzazione dell'unità.

3. Ruotare la manopola principale per selezionare l'impostazione da inizializzare, quindi impostare su On l'unico parametro da inizializzare.



Oltre alle impostazioni del processore di segnale, è possibile scegliere On per inizializzare anche i seguenti parametri.

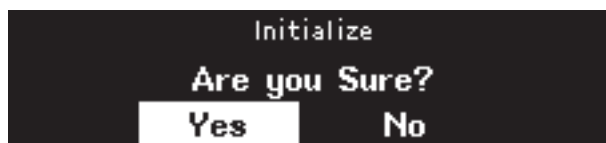
IP Settings
Unit ID/ Device Name
Dante Settings
Stored Files

### NOTA

Questo tipo di inizializzazione non ha effetto sul PIN dell'amministratore di sistema né sulle informazioni relative all'attivazione della licenza.

4. Una volta terminata la selezione delle impostazioni, ruotare la manopola principale per scegliere [Initialize] e premere la manopola.

Viene mostrata una schermata per la conferma dell'inizializzazione.



5. Ruotare la manopola principale per selezionare [Yes], quindi premerla per applicare l'impostazione.

Il sistema viene automaticamente riavviato alla fine dell'inizializzazione.

## Come inizializzare le impostazioni senza il codice PIN

Nel caso in cui si dimentichi il codice PIN per lo sblocco del pannello o il PIN dell'amministratore, e non sia quindi possibile selezionare [Initialize] nella schermata [Settings], è possibile usare la seguente procedura per forzare l'inizializzazione.

### NOTA

L'inizializzazione forzata non rimuove le informazioni sull'attivazione della licenza, ma è applicata a tutte le altre impostazioni di sistema, che verranno riportate sui valori di fabbrica.

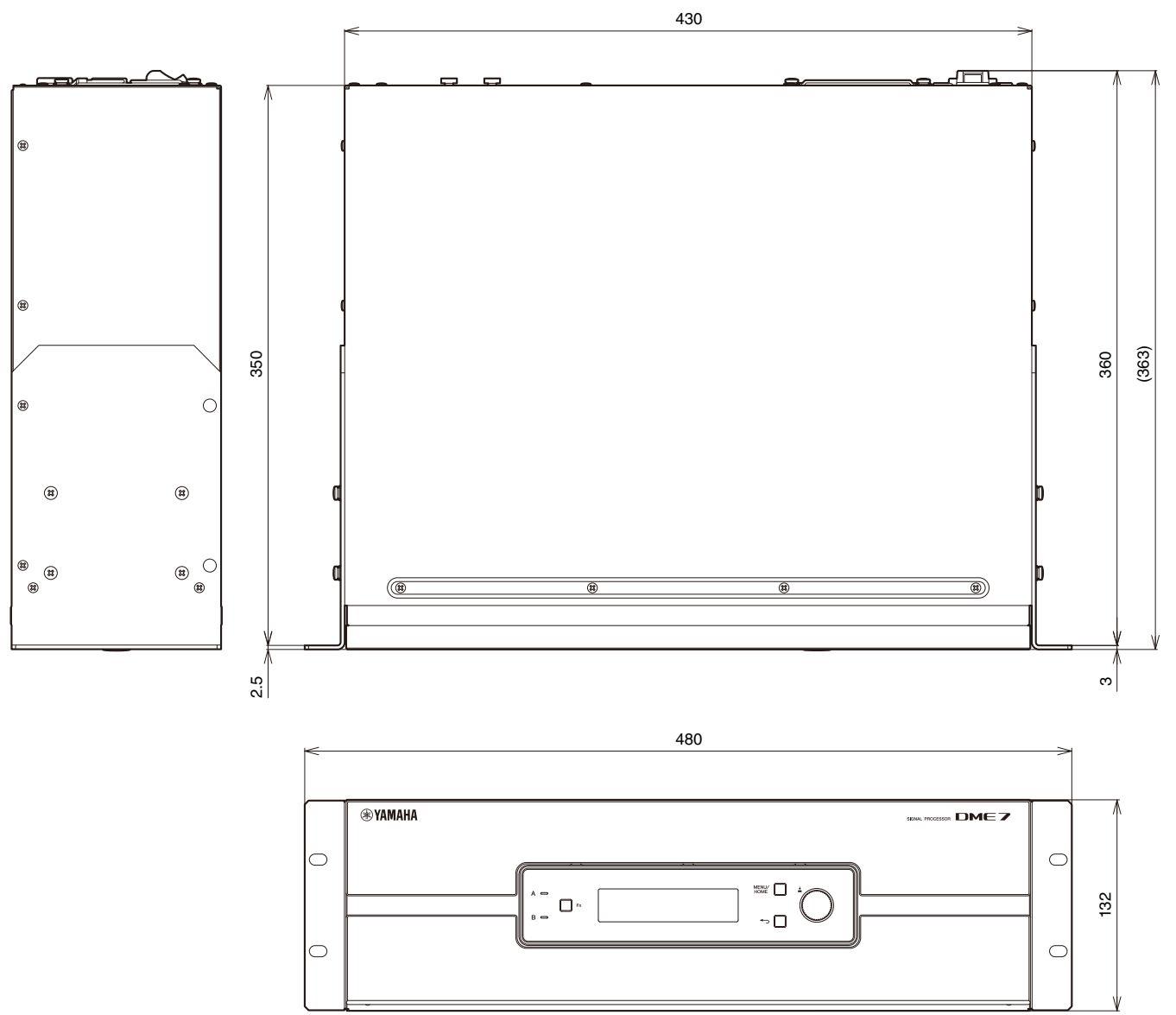
1. Tenere premuti i pulsanti [Fn], [MENU/HOME] e [←] (indietro) e SPEGNERE l'unità.
  2. Tenere premuti i tre pulsanti fino a quando sullo schermo non appare il logo Yamaha e la schermata di inizializzazione.
- Il sistema viene automaticamente riavviato alla fine dell'inizializzazione.

## Specifiche tecniche generali

Interfaccia Dante	Numero di canali	64 IN, 64 OUT, Ridondante (Estendibile fino a 256 IN, 256 OUT)
	Frequenza di campionamento	44,1/48/88,2/96 kHz
	Risoluzione in bit	24/32 Bit
Audio USB	Numero di canali	8 IN, 8 OUT con SRC
	Frequenza di campionamento	44,1/48/88,2/96 kHz
Connettori	Dante	etherCON × 2 (PRIMARY / SECONDARY) 1000Base-T
	DCP	RJ45
	USB TO HOST	USB 2.0 Type-C (Audio USB)
	USB TO DEVICE	USB 2.0 Type-A (Per salvataggio)
	Rete	RJ45 × 1 100Base-TX
	GPIO	Euroblock 16 pin (mini) × 2 (GPI × 16, GPO × 8, +5 V alimentazione × 4)
	MIDI	DIN 5 pin × 2 (IN, OUT)
	CA IN	Presa CA (IEC, V-Lock) × 2
Requisiti alimentazione elettrica		100 V-240 V 50 Hz/60 Hz
Consumo elettrico		100 W
Temperatura di esercizio		Da 0 °C a +40 °C
Temperatura di stoccaggio		Da -20 °C a +60 °C
Dimensioni (L × A × P)		480 × 132 × 363 mm (3U)
Peso netto		9,5 kg
Accessori		Guida alla configurazione (questo manuale) × 1, connettori Euroblock (16 pin, passo 3,50 mm) × 2, cavi di alimentazione × 2, gancio di tenuta × 1

\* Il contenuto del presente manuale si applica alle ultime specifiche tecniche a partire dalla data di pubblicazione. Per ottenere la versione più recente del manuale, accedere al sito Web Yamaha e scaricare il file corrispondente.

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



Unit: mm

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<program> Copyright (C) <year> <name of author>  
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute 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 com-

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Version 2.1, February 1999

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(58-M02 WEEE en 01)

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(58-M02 WEEE de 01)

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Le symbole sur les produits, l'emballage et/ou les documents joints signifie que les produits électriques ou électroniques usagés 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, 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, 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, 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 :

Ce symbole est seulement valable dans l'Union européenne. Si vous souhaitez vous débarrasser de déchets d'équipements électriques et électroniques, veuillez contacter les autorités locales ou votre fournisseur et demander la méthode de traitement appropriée.

(58-M02 WEEE fr 01)

### Información para usuarios sobre la recogida y eliminación de los equipos antiguos



Este símbolo en los productos, embalajes y documentos anexos significa que los productos eléctricos y electrónicos no deben mezclarse con los desperdicios domésticos normales.

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

Al deshacerse de estos productos 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, 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:

Este símbolo solo es válido 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.

(58-M02 WEEE es 01)

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



Este símbolo, presente em produtos, embalagens e/ou incluído na documentação associada, indica que 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 usados, que devem ser levados aos pontos de coleta adequados, em conformidade com a legislação nacional em vigor.

O descarte desses produtos 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 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:

Este símbolo é válido 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.

(58-M02 WEEE pt-BR 01)

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



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

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

Smaltendo correttamente questi prodotti 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, 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.

(58-M02 WEEE it 01)

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

<b>Important Notice: Guarantee Information for customers in EEA* and Switzerland</b> 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	<b>English</b>
<b>Wichtiger Hinweis: Garantie-Information für Kunden in der EWR* und der Schweiz</b> 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	<b>Deutsch</b>
<b>Remarque importante: informations de garantie pour les clients de l'EEE et la Suisse</b> 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	<b>Français</b>
<b>Belangrijke mededeling: Garantie-informatie voor klanten in de EER* en Zwitserland</b> Voor gedetailleerde garantie-informatie over dit Yamaha-product en de garantieservice in heel de EER* en Zwitserland, gaat u naar de onderstaande website (u vindt een afdrukbaar bestand op onze website) of neemt u contact op met de vertegenwoordiging van Yamaha in uw land. * EER: Europese Economische Ruimte	<b>Nederlands</b>
<b>Aviso importante: información sobre la garantía para los clientes del EEE* y Suiza</b> 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	<b>Español</b>
<b>Avviso importante: informazioni sulla garanzia per i clienti residenti nell'EEA* e in Svizzera</b> 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	<b>Italiano</b>
<b>Aviso importante: informações sobre as garantias para clientes da AEE* e da Suíça</b> 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	<b>Português</b>
<b>Σημαντική σημείωση: Πληροφορίες εγγύησης για τους πελάτες στον ΕΟΧ* και Ελβετία</b> Για λεπτομερείς πληροφορίες εγγύησης σχετικά με το 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	<b>Ελληνικά</b>
<b>Viktigt: Garantiinformation för kunder i EES-området* och Schweiz</b> För detaljerad information om denna Yamahaprodukt samt garantiservice i hela EES-området* och Schweiz kan du antingen besöka nedanstående webbadress (en utskriftsvänlig fil finns på webbplatsen) eller kontakta Yamahas officiella representant i ditt land. * EES: Europeiska Ekonomiska Samarbetsområdet	<b>Svenska</b>
<b>Viktig merknad: Garantiinformasjon for kunder i EØS* og Sveits</b> 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 Yamahas kontoret i landet der du bor. *EØS: Det europeiske økonomiske samarbeidsområdet	<b>Norsk</b>
<b>Vigtig oplysning: Garantioplysninger til kunder i EØO* og Schweiz</b> 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	<b>Dansk</b>
<b>Tärkeä ilmoitus: Takuutiedot Euroopan talousalueen (ETA)* ja Sveitsin asiakkaille</b> 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	<b>Suomi</b>
<b>Ważne: Warunki gwarancyjne obowiązujące w EOG* i Szwajcarii</b> 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 przedstawicielem firmy Yamaha w swoim kraju. * EOG — Europejski Obszar Gospodarczy	<b>Polski</b>
<b>Důležité oznámení: Záruční informace pro zákazníky v EHS* a ve Švýcarsku</b> 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	<b>Česky</b>
<b>Fontos figyelemztetés: Garancia-információk az EGT* területén és Svájcban élő vásárlók számára</b> 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 fájl is talál), vagy pedig lépjen kapcsolatba az országában működő Yamaha képviseleti irodával. * EGT: Európai Gazdasági Térség	<b>Magyar</b>
<b>Oluline märkus: Garantiiteave Euroopa Majanduspiirkonna (EMP)* ja Šveitsi klientidele</b> 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	<b>Eesti keel</b>
<b>Svarīgs paziņojums: garantijas informācija klientiem EEZ* un Šveicē</b> 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	<b>Latviešu</b>
<b>Dėmesio: informacija dėl garantijos pirkėjams EEE* ir Šveicarijoje</b> 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	<b>Lietuvių kalba</b>
<b>Dôležité upozornenie: Informácie o záruke pre zákazníkov v EHP* a Švajčiarsku</b> Podrobné informácie o záruke týkajúce sa tohto produktu od spoločnosti Yamaha a garančnom 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	<b>Slovenčina</b>
<b>Pomembno obvestilo: Informacije o garanciji za kupce v EGP* in Švici</b> 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	<b>Slovenščina</b>
<b>Важно съобщение: Информация за гаранцията за клиенти в ЕИП* и Швейцария</b> 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	<b>Български език</b>
<b>Notificare importantă: Informații despre garanție pentru clienții din SEE* și Elveția</b> 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	<b>Limba română</b>
<b>Važna obavijest: Informacije o jamstvu za države EGP-a i Švicarske</b> 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	<b>Hrvatski</b>

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

日本語	한국어	繁體中文	简体中文	Русский	Italiano	Português	Español	Français	Deutsch	English
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