

PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

* Please keep this manual in a safe place for future reference.

WARNING

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:

Do not open

- This device contains no user-serviceable parts. Do not open the device or attempt to disassemble the internal parts or modify them in any way. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified Yamaha service personnel.

Water warning

- Do not expose the device to rain, use it near water or in damp or wet conditions, or place on it any containers (such as vases, bottles or glasses) containing liquids which might spill into any openings. If any liquid such as water seeps into the device, have the device inspected by qualified Yamaha service personnel.

CAUTION

Always follow the basic precautions listed below to avoid the possibility of physical injury to you or others, or damage to the device or other property. These precautions include, but are not limited to, the following:

Location

- Do not place the device in an unstable position where it might accidentally fall over.
- Do not place the device in a location where it may come into contact with corrosive gases or salt air. Doing so may result in malfunction.
- Construction work should be carried out in accordance with construction-related law and always by a professional constructor. If the device installation requires construction work, make sure to observe the following precautions.
 - Choose mounting hardware and an installation location that can support the weight of the device.
 - Avoid locations that are exposed to constant vibration.
 - Use the required tools to install the device.
 - Inspect the device periodically.
- When transporting or moving the device, always use two or more people. Attempting to lift the device by yourself may damage your back, result in other injury, or cause damage to the device itself.

Connections

- Before connecting the device to a power amplifier, turn off the power for all devices. Before turning the power on or off for all devices, set all volume levels to minimum.
- Use only speaker cables for connecting speakers to the speaker connectors. Use of other types of cables may result in fire.

Maintenance

- Do not wipe the outer packaging with benzene, thinner, or synthetic detergent and do not use electrical contact cleaner. These may damage the outer packaging and dissolve the parts.

Handling caution

- Avoid inserting or dropping foreign objects (paper, plastic, metal, etc.) into holes of the grille. If this happens, have the device inspected by qualified Yamaha service personnel.
- Do not operate the device if the sound is distorting. Prolonged use in this condition could cause overheating and result in fire.
- When choosing a power amplifier for use with this device, make sure that the output power of the amplifier is lower than the power capacity of this device (see SPECIFICATIONS). Even if the output power of the amplifier is lower than the power capacity of this device (PGM), use of excessive input signals resulting in clipping may cause damage to the device.
- Malfunction or fire may occur especially when the following sounds or noises are generated:
 - feedback, when using a microphone
 - continuous and extreme volume sound from a musical instrument
 - extreme continuous distorted sound
 - noise caused by plugging/unplugging the cable while the amplifier is turned on

NOTICE

To avoid the possibility of malfunction/damage to the product or damage to other property, follow the notices below.

• Handling and Maintenance

- Do not place vinyl, plastic or rubber objects on the device, since this might discolor the cabinet.
- When cleaning the device, use a dry and soft cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.
- Condensation can occur in the device due to rapid, drastic changes in ambient temperature-when the device is moved from one location to another, or air conditioning is turned on or off, for example. Using the device while condensation is present can cause damage. If there is reason to believe that condensation might have occurred, leave the device for several hours until the condensation has completely dried out.
- Be sure to observe the amplifier's rated load impedance (see SPECIFICATIONS), particularly when connecting speakers in parallel. Connecting an impedance load outside the amplifier's rated range can damage the amplifier.
- When connecting the speakers with high impedance, be sure that the output total of each speaker does not exceed the rated output of the power amplifier.
- ABOUT THE PROTECTION CIRCUIT
This speaker system has an internal protection circuit that shuts off the speaker unit when an excessive input signal is applied. If the speaker unit emits no sound, reduce the volume level of the amplifier immediately. The sound will return automatically in several seconds.
- Place the speaker on a flat and smooth surface.

• About This Manual

The illustrations as shown in this manual are for instructional purposes only, and may appear somewhat different from those on your device.

Yamaha cannot be held responsible for damage caused by improper use or modifications to the device.

UNPACKING

Unpack the contents and confirm that all the following items are included.

- Speaker x 1
- Bracket base x 1
- Mounting bracket x 1
- Captive washer screw x 4
- Rubber spacer x 4 (14 mm thickness)
- Hexagon bolt x 4
- Spring washer x 4
- Flat washer x 4
- Safety wire x 1
- Owner's Manual (this manual)

* Screws/bolts to fasten the bracket onto the wall and speaker cables are not included.

SPECIFICATIONS

Type	VXS10S/VXS10SW	VXS10ST/VXS10STW	
Component	Subwoofer, Bass reflex		
Nominal impedance	10" (25 cm) Cone driver, Dual voice coil		
Power rating (IEC, 100h) *1	8 Ω + 8 Ω	—	
Sensitivity (1W, 1m) *2	NOISE	100 W + 100 W	
	PGM	200 W + 200 W	
	MAX	400 W + 400 W	
Maximum SPL (Calculated, 1m) *3	96 dB SPL	96 dB SPL	
Frequency range (-10 dB) *2	125 dB SPL	—	
Subwoofer filter	45 Hz – 250 Hz	45 Hz – 250 Hz	
Satellite filter	Network: Low-pass filter 6 dB/Oct, 200 Hz		
Satellite impedance	Acoustic filter: Low-pass filter 6 dB/Oct, 200 Hz		
Connector	Network: High-pass filter 6 dB/Oct, 200 Hz		
Transformer taps	8 Ω load per satellite output recommended *4		
Finish	Euroblock (4 pin) × 1: Input (CH1: +/-, CH2: +/-)	Euroblock (4 pin) × 1: Input (input: +/-, loop-thru: +/-)	
	—	Euroblock (4 pin) × 1: Satellite output (ST1: +/-, ST2: +/-)	
Overload protection	—	Euroblock (5 pin) × 1: transformer taps	
	70 V	—	200 W, 100 W, 50 W, 25 W
Magnetically shielded	100 V	—	200 W, 100 W, 50 W
	—	Full-range power limiting to protect network and transducers	
Enclosure	Shape	Rectangle	
Net weight (Speaker only)	Cabinet material	MDF	
	—	VXS10S/VXS10ST: Black (PVC, approximate value: Munsell N3)	
Dimensions (Speaker only)	—	VXS10SW/VXS10STW: White (PVC, approximate value: Munsell 3.5PB9.0/1)	
	—	260 × 500 × 389 mm (10.2" × 19.7" × 15.3")	
Net weight (Speaker only)	16.5 kg (36.4 lb)		19.5 kg (43.0 lb)

*1: Pink noise with 6 dB crest factor.

*2: Half-space (2π)

*3: Calculated based on power rating and sensitivity, exclusive of power compression.

*4: Impedance lower limit (per satellite output) VXS10S/VXS10SW: 4 Ω, VXS10ST/VXS10STW: 8 Ω

Specifications and descriptions in this owner's manual are for information purposes only. Yamaha Corp. reserves the right to change or modify products or specifications at any time without prior notice. Since specifications, equipment or options may not be the same in every locale, please check with your Yamaha dealer.

The dimensions are shown overleaf.

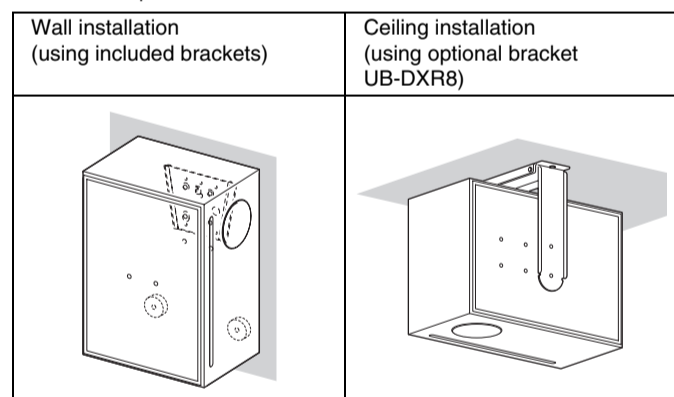
INSTALLING THE SPEAKER

When installing the speaker on the floor, attach the rubber spacers to the underside of the speaker to provide support.

When installing the speaker on a wall or ceiling, use the included brackets or optional U-bracket UB-DXR8. Ensure that the wall/ceiling is sufficiently strong.

This package does not include the mounting hardware to install the included brackets/safety wire or the UB-DXR8. If you are not sure what materials are required for installation, consult a specialist.

An installed speaker is shown below. Install the bracket as shown.



WARNING

- Do not use the included brackets for ceiling installation.
- Do not use the UB-DXR8 for wall installation.

Pre-installation (Preparation of the cable)

Use stranded wire for cables attached to the Euroblock connector. Strip their insulation as shown in the figure and connect them.

About 7 mm (0.3 in.)

NOTE

Do not plate stranded wires by solder. Doing so will cause the wire to break.

1 CONNECT THE WIRING TO THE CONNECTOR

Connect the cable from the amplifier to the "INPUT" socket, and the cable being connected to other speakers to the "SATELLITE SPEAKERS" socket.

A signal input to CH1 of INPUT is output from ST1 of SATELLITE SPEAKERS, and signal input to CH2 of INPUT is output from ST2 of SATELLITE SPEAKERS.

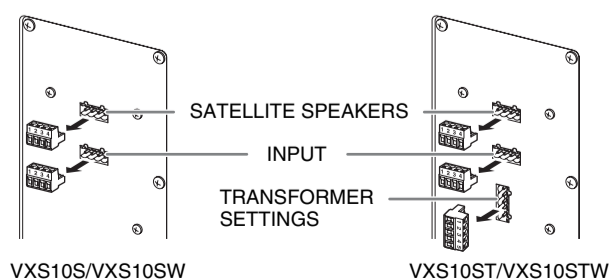
For VXS10ST/VXS10STW, connect the included 5-pin Euroblock connector as shown below and set the appropriate wattage when using 100 V/70 V line.

100V/X 70V/200W	100V/200W 70V/100W	100V/100W 70V/50W	100V/50W 70V/25W

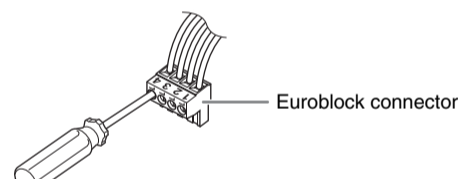
NOTE

No setting should be made for 100 V line, as shown in the far left illustration.

- 1 Remove the Euroblock connector from the speaker.

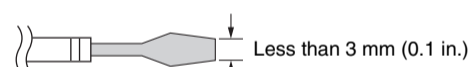


- 2 After loosening the terminal screws of the Euroblock connector with a flat-blade screwdriver, insert the cable into each terminal and tighten the screws. Make sure that cables cannot be pulled out.



NOTE

Use a flat-blade screwdriver with a blade less than 3 mm (0.1 in.).

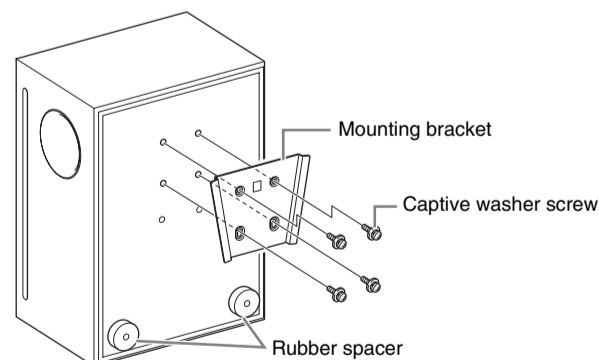


- 3 (VXS10ST/VXS10STW only) Plug the 5-pin Euroblock connector into the TRANSFORMER SETTINGS socket.

2 INSTALL THE SPEAKER

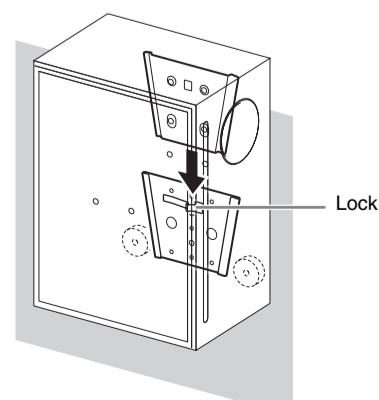
Installing on the wall (using the included brackets)

- 1 Place the bracket base on the wall and mark the position for screws/bolts. The diameter of seven holes for screw/bolt (not included) is φ6.5 mm.
- 2 Make holes in the wall for the bolts, as required, and feed the bolts through the holes.
- 3 Affix the bracket base on the wall. The narrow edge of the bracket base should be oriented downward.
- 4 Attach the mounting bracket to the speaker with the included screws with captive washer. The narrow edge of the mounting bracket should be oriented downward.



- 5 Attach the two rubber spacers to the bottom edge of the speaker. Make sure the spacers are located near the outer edge; otherwise, they will impede installation on the bracket base in the next step.
- 6 Slide the speaker down onto the bracket base until it locks in place.

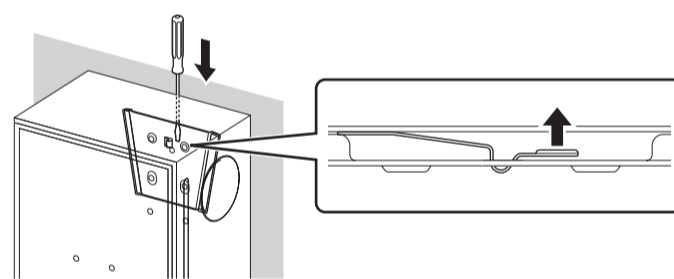
NOTE
Be sure to perform this work with two or more people.



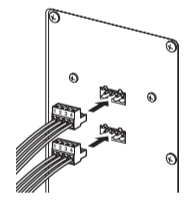
To detach the mounting bracket from the bracket base, release the lock of the mounting bracket with a long flat-blade driver and lift the speaker.

NOTE

Be sure to perform this work with two or more people.



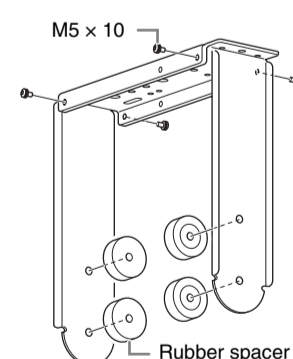
- 7 Plug the Euroblock connectors into the SATELLITE SPEAKERS and INPUT sockets.



Installing on the ceiling (using the optional UB-DXR8)

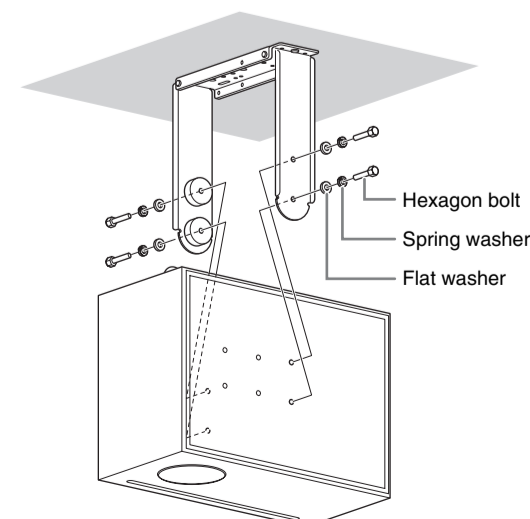
To determine the appropriate size of the UB-DXR8, download the "U BRACKET OWNER'S MANUAL" from the following manual library site.
<http://www.yamaha.co.jp/manual/>

- 1 Assemble two L-shaped brackets into a U-shape using the M5 × 10 screws included with the UB-DXR8 as shown below. Peel off the sheet from each rubber spacer (14 mm thickness; included with the speaker), and attach the spacers to the inside of each bracket arm aligning the holes so that the hexagon bolts can be inserted.

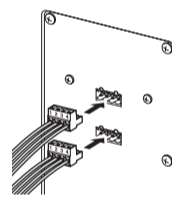


- 2 Make sure that the width of the U bracket matches the speaker width.
- 3 Affix the U bracket on the ceiling using appropriate mounting hardware.
- 4 Use the hexagon bolts, spring washers and flat washers included with the speaker to attach the speaker to the UB-DXR8.

NOTE
Be sure to perform this work with two or more people.



- 5 Plug the Euroblock connectors into the SATELLITE SPEAKERS and INPUT sockets.



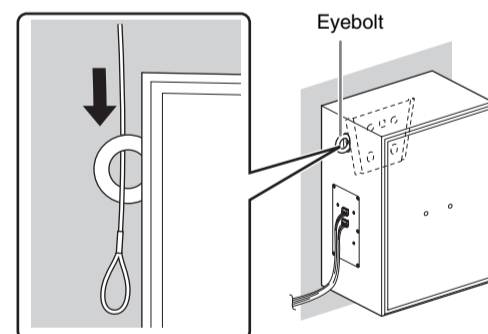
3 ATTACH THE SAFETY WIRE

This section explains how to attach the included safety wire.

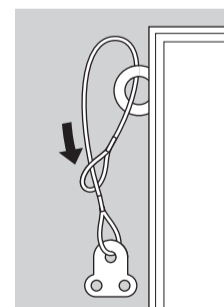
NOTE

- Make sure to take measures to prevent the speaker from falling down in the event of a installation failure.
- When installing the safety wire to the wall, install it higher than the wire's attachment point on the speaker, with as little slack as possible.
- If the safety wire is too short, prepare another wire appropriate for the speaker weight and installation conditions. If the wire is too long, should the speaker fall, the wire may snap as a result of too much strain.

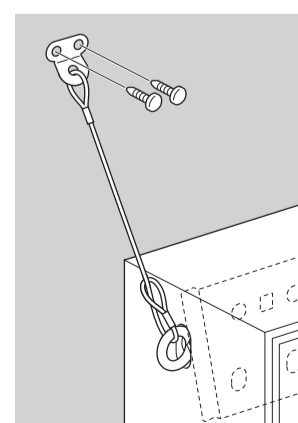
- 1 Pass the safety wire through the eyebolt on the rear of the speaker.



- 2 Pass the bracket of the safety wire through the loop on the other end, and pull tight up against the eyebolt.



- 3 Affix the bracket of the safety wire to the wall.



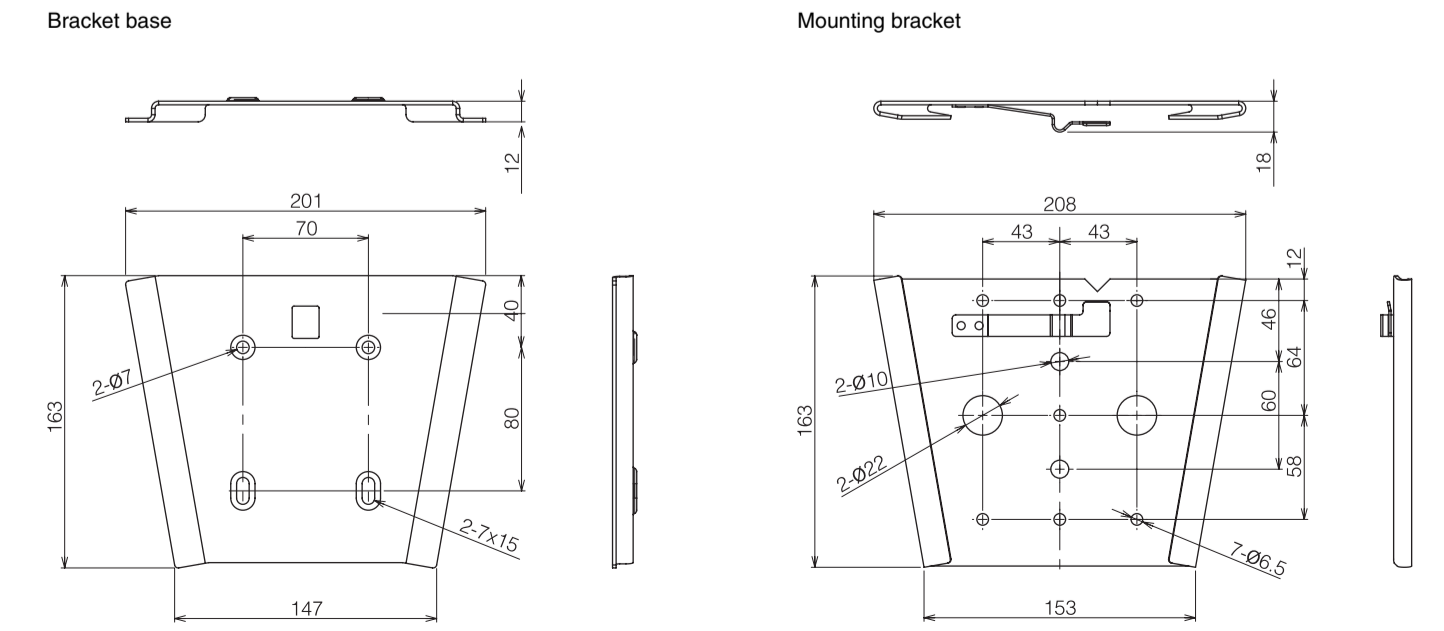
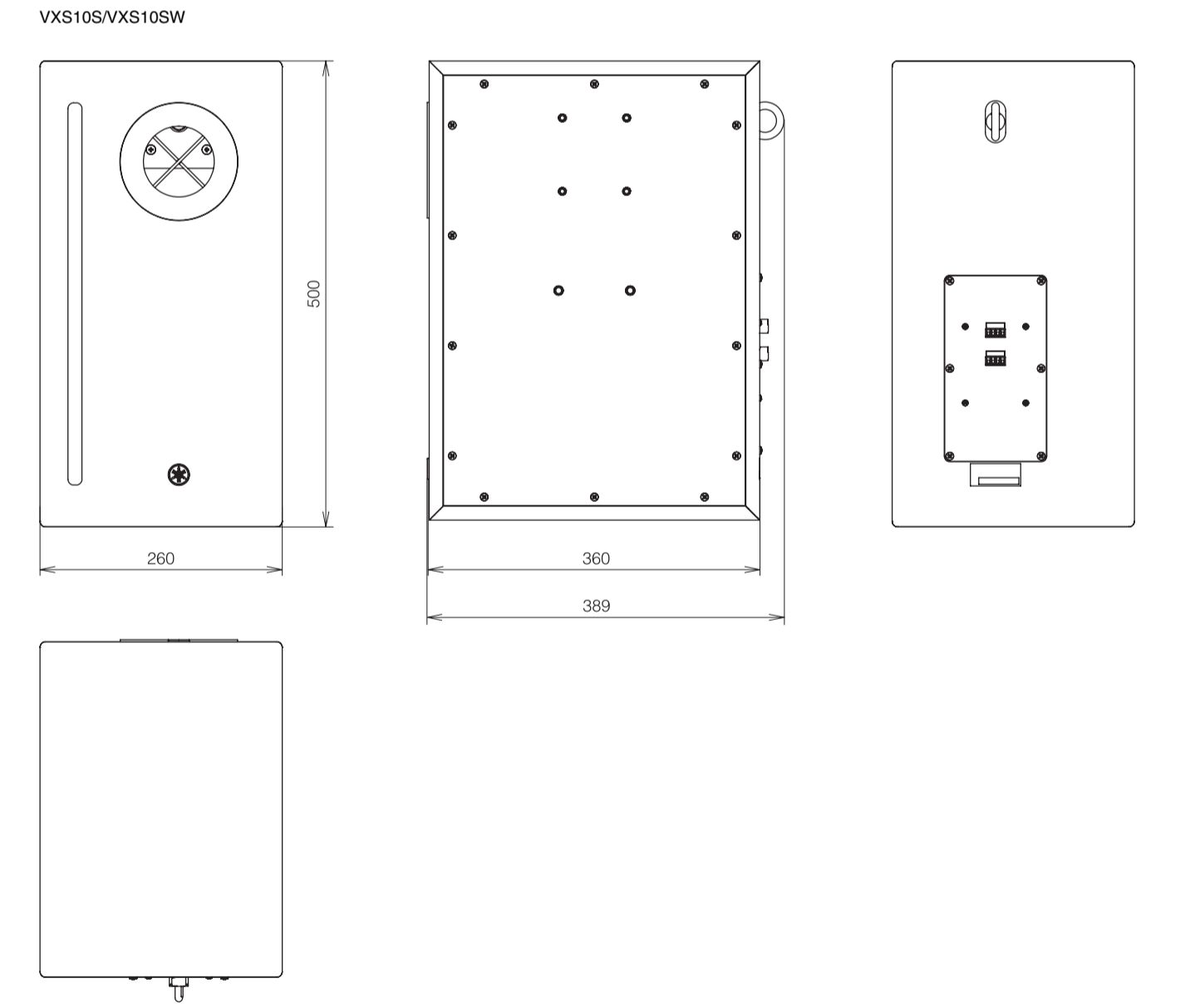
Important Notice: Guarantee Information for customers in European Economic Area (EEA) and Switzerland

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	English
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	Deutsch
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	Français
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 vindt een afdrukbaar bestand op onze website) of neemt u contact op met de vertegenwoordiging van Yamaha in uw land. * EER: Europese Economische Ruimte	Nederlands
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 versión 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	Español
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	Italiano
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 Económica Europeia	Português
Σημαντική σημείωση: Πληροφορίες εγγύησης για τους πελάτες στον ΕΟΧ* και Ελβετία Για λεπτομερείς πληροφορίες εγγύησης σχετικά με το προϊόν 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	Ελληνικά
Viktigt: Garantiinformation för kunder i EES-området* och Schweiz För detaljerad information om denna Yamaha-produkt 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	Svenska
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 nettstedene nedenfor (utskriftsversjon finnes på våre nettsider) eller kontakte kontakke Yamaha-kontoret i landet der du bor. *EØS: Det europeiske økonomiske samarbeidsområdet	Norsk
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	Dansk
Tärkeä ilmoitus: Taku tiedot 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	Suomi
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	Cesky
Dôležité oznámení: Záruční informácie pro zákazníky v EHS* a ve Švýcarsku Podrobné záruční informácie o tomto produkte 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 szolgáltatók tekintetében keresse fel webhelyünket az alábbi címen (a webhelyen nyomtatható fájl is talál), vagy pedig lépjen kapcsolatba az országában működő Yamaha képviselői irodával. * EGT: Európai Gazdasági Térség	Eesti keel
Oluline märkus: Garantiiteave Euroopa Majanduspiirkonna (EMP)* ja Šveitsi klientidele Täpsemate teabe saamiseks selle Yamaha toote garantii ning kogu Euroopa Majanduspiirkonna ja Šveitsi garantiiteeninduse kohta, külastage palun veebisaiti alljärgneval aadressil (meie saidil on saadaval printitav fail) või pöörduge Teie regiooni Yamaha esinduse poole. * EMP: Euroopa Majanduspiirkond	Latviešu
Svarige paziņojumi: garantijas informācija klientiem EEZ* un Šveicā Lai saņemtu detaļāku garantijas informāciju par šo Yamaha produktu, kā arī garantijas apkalpošanu EEZ* un Šveicā, lūdzam apmeklēt vietnā norādīto tīmekļa vietnes adresi (tīmekļa vietnē ir pieejams drukājams fails) vai sazināties ar jūsu valsti apkalpojošo Yamaha pārstāvniecību. * EEZ: Eiropas Ekonomikas zona	Lietuvių kalba
Dôležité upozornenie: Informácie o záruke pre zákazníkov v EHP* a Švajčiarsku 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	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	Slovenščina
Важно съобщение: Информация за гаранцията за клиентите 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	Български език
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	Limba română

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

URL_4

DIMENSIONS



For details of products, please contact your nearest Yamaha representative or the authorized distributor listed below.

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PA34

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