



MONITOR SPEAKER

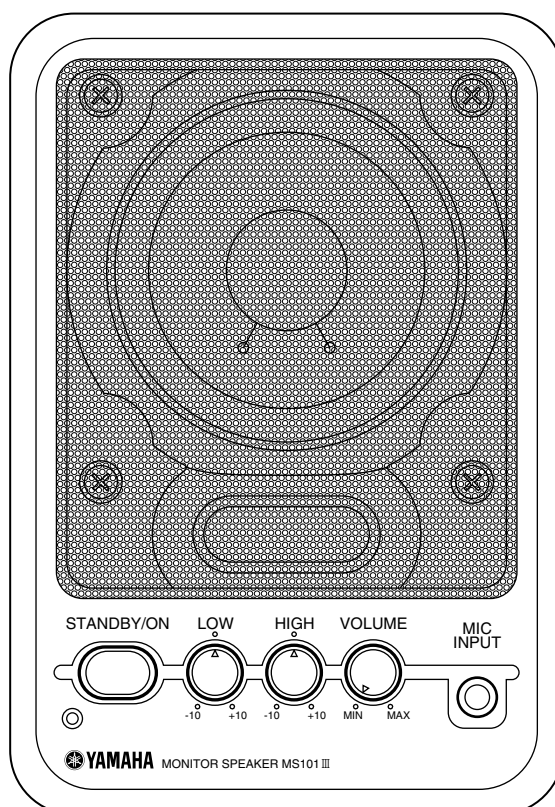
MS101 III

Owner's Manual

Bedienungsanleitung

Mode d'emploi

Manual de instrucciones



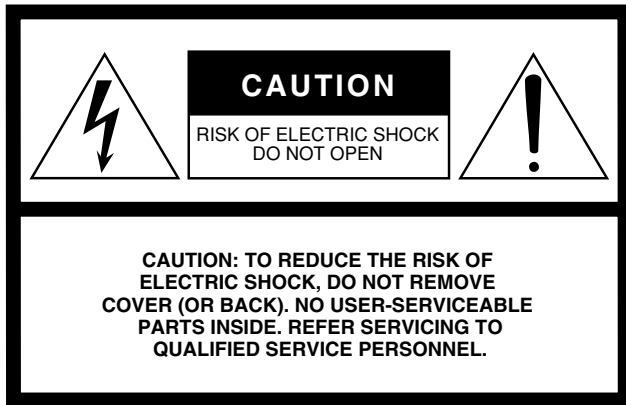
ENGLISH

DEUTSCH

FRANÇAIS

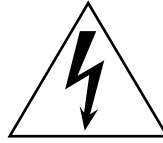
ESPAÑOL

EN
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ES



The above warning is located on the rear of the unit.

Explanation of Graphical Symbols



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

IMPORTANT SAFETY INSTRUCTIONS

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

(98-6500)

OBSERVERA!

Apparaten kopplas inte ur växelströmskällan (nätet) så länge som den är ansluten till vägguttaget, även om själva apparaten har stängts av.

ADVARSEL: Nettpæendingen til dette apparat er IKKE afbrudt, så længe netledningen sidder i en stikkontakt, som er tændt – også selvom der er slukket på apparatets afbryder.

VAROITUS: Laitteen toisiopiiriin kytketty käyttökytkin ei irroita koko laitetta verkosta.

(standby)

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

ATTENTION: POUR ÉVITER LES CHOCs ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU’AU FOND.

• This applies only to products distributed by Yamaha Canada Music Ltd. (polarity)
• Ceci ne s’applique qu’aux produits distribués par Yamaha Canada Musique Ltée.

IMPORTANT

Please record the serial number of this unit in the space below.
Model:

Serial No.:

The serial number is located on the bottom or rear of the unit.
Retain this Owner’s Manual in a safe place for future reference.

Thank you for purchasing a Yamaha MS101III Monitor Speaker. The MS101III employs a 4 inch full-range speaker in a compact bass-reflex style cabinet. Its faithful sound reproduction capabilities make it ideal for home recording and personal practice. Since a magnetic field-cancelling speaker is used, the MS101III can be placed next to a television or video monitor without causing interference, making it the perfect choice for Audio/Video system applications.

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:

Power supply/Power cord

- Only use the voltage specified as correct for the device. The required voltage is printed on the name plate of the device.
- Use only the included power cord.
- Do not place the power cord near heat sources such as heaters or radiators, and do not excessively bend or otherwise damage the cord, place heavy objects on it, or place it in a position where anyone could walk on, trip over, or roll anything over it.
- Be sure to connect to an appropriate outlet with a protective grounding connection. Improper grounding can result in electrical shock.

Do not open

- Do not open the device or attempt to disassemble the internal parts or modify them in any way. The device contains no user-serviceable parts. 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 containers on it containing liquids which might spill into any openings.
- Never insert or remove an electric plug with wet hands.

If you notice any abnormality

- If the power cord or plug becomes frayed or damaged, or if there is a sudden loss of sound during use of the device, or if any unusual smells or smoke should appear to be caused by it, immediately turn off the power switch, disconnect the electric plug from the outlet, and have the device inspected by qualified Yamaha service personnel.
- If this device should be dropped or damaged, immediately turn off the power switch, disconnect the electric plug from the outlet, and 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:

Power supply/Power cord

- Remove the electric plug from the outlet when the device is not to be used for extended periods of time, or during electrical storms.
- When removing the electric plug from the device or an outlet, always hold the plug itself and not the cord. Pulling by the cord can damage it.

Location

- Before moving the device, remove all connected cables.
- When setting up the device, make sure that the AC outlet you are using is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch and disconnect the plug from the outlet.
- Do not use the device in a confined, poorly-ventilated location. Make sure that there is adequate space between the device and surrounding walls or other devices: at least 10 cm at the sides, 10 cm behind and 20 cm above. Inadequate ventilation can result in overheating, possibly causing damage to the device(s), or even fire.

- Do not expose the device to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration or damage to the internal components.
- Do not place the device in an unstable position where it might accidentally fall over.

Connections

- Before connecting the device to other devices, turn off the power for all devices. Before turning the power on or off for all devices, set all volume levels to minimum.

Handling caution

- When turning on the AC power in your audio system, always turn on the device LAST, to avoid speaker damage. When turning the power off, the device should be turned off FIRST for the same reason.
- Do not insert your fingers or hands in any gaps or openings on the device.
- Avoid inserting or dropping foreign objects (paper, plastic, metal, etc.) into any gaps or openings on the device. If this happens, turn off the power immediately and unplug the power cord from the AC outlet. Then have the device inspected by qualified Yamaha service personnel.
- Do not use the device for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician.
- Do not operate the device if the sound is distorting. Prolonged use in this condition could cause overheating and result in fire.
- Do not rest your weight on the device or place heavy objects on it, and avoid use excessive force on the buttons, switches or connectors.

Even though this speaker system is magnetically shielded, you may need to move the speaker further away from the video monitor, if a nearby video monitor exhibits any distortion or unnatural color shift.

Interference From Cell Phones

Using a cell phone near the speaker system can induce noise. If this occurs, move the cell phone further away from the speaker system.

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

- Always turn the power off when the device is not in use.
- Even when the power switch is in the “STANDBY” position, electricity is still flowing to the device at the minimum level. When you are not using the device for a long time, make sure you unplug the power cord from the wall AC outlet.
- The performance of components with moving contacts, such as switches, volume controls, and connectors, deteriorates over time. Consult qualified Yamaha service personnel about replacing defective components.
- Illustrations in this manual are for explanatory purposes only, and may not match the actual appearance of the product during operation.
 - Company names and product names used in this Owner’s Manual are trademarks or registered trademarks of their respective owners.

IMPORTANT NOTICE FOR THE UNITED KINGDOM

Connecting the Plug and Cord

IMPORTANT. The wires in this mains lead are coloured in accordance with the following code:

BLUE : NEUTRAL

BROWN : LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

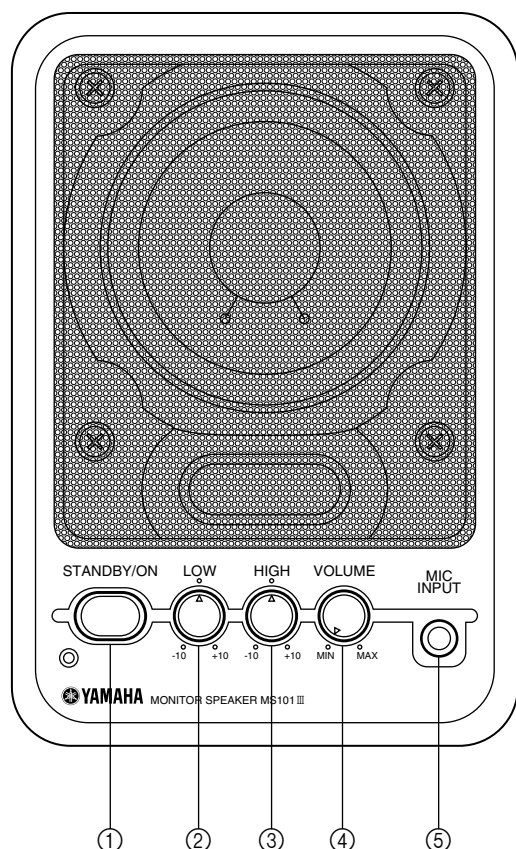
The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

Making sure that neither core is connected to the earth terminal of the three pin plug.

• This applies only to products distributed by Yamaha-Kemble Music (U.K.) Ltd.
(2 wires)

Front Panel / Rear Panel



① STANDBY/ON switch/indicator

Press this switch to switch the power between STANDBY and ON. When the power is turned on, the STANDBY/ON indicator comes on.

⚠ CAUTION:

A small amount of electric current is flowing even when the power is in the STANDBY mode. When not using the MS101III for an extended period of time, be sure to disconnect the power cord from the AC outlet.

② LOW control

Turn this control clockwise to boost low frequencies and counterclockwise to reduce them.

③ HIGH control

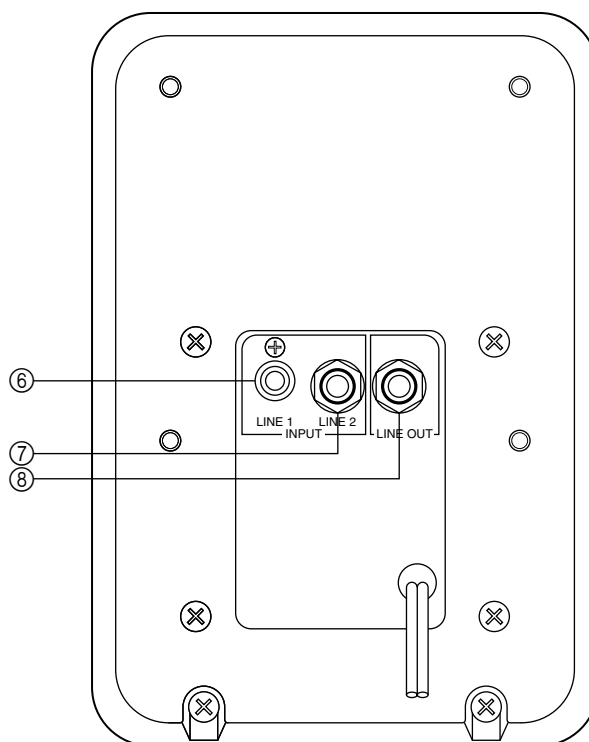
Turn this control clockwise to boost high frequencies and counterclockwise to reduce them.

④ VOLUME control

Use this control to set the volume level.

⑤ MIC INPUT

A dynamic type microphone can be connected to this 1/4 inch phone jack.



⑥ Line 1 Input

The line level output from a CD player or VCR can be connected to this RCA pin jack.

⑦ Line 2 Input

Any audio equipment that produces a line level output can be connected to this 1/4 inch phone jack, i.e., synthesizer, mixer, multitrack recorder, effects unit, etc.

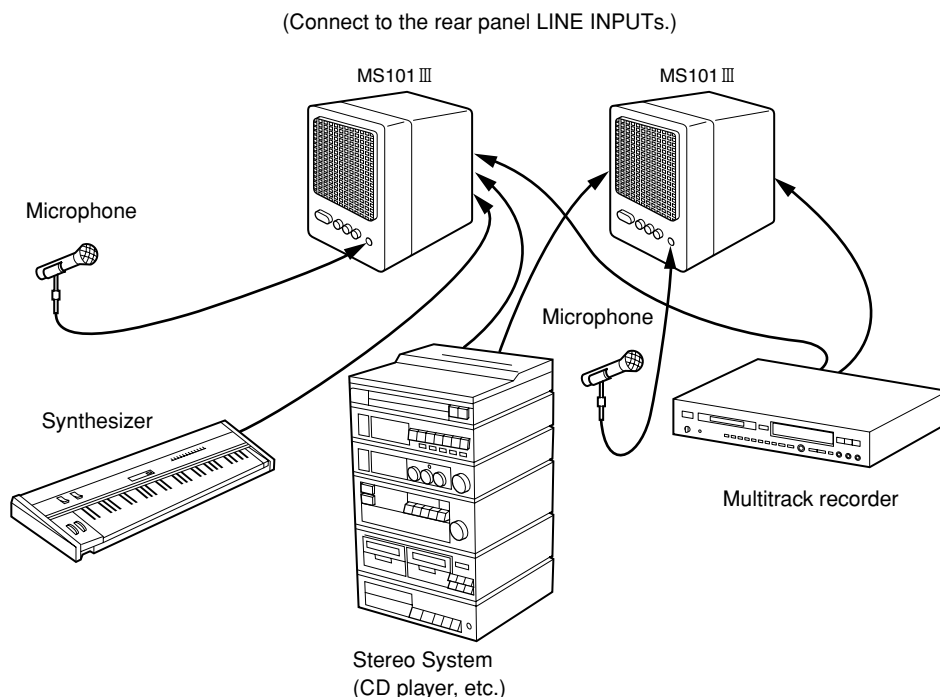
⑧ Line Out

A multitrack recorder can be connected to this 1/4 inch phone jack for recording. Input signals from the Mic, Line 1, and Line 2 inputs are mixed, then output here. Another MS101III can be connected to this jack for parallel operation. The front panel volume knob doesn't effect the volume level of this line out.

Example Set up

Make sure all your equipment is powered off, then connect the MS101III's power cable to a suitable AC receptacle. Connect your other equipment, synthesizer, CD player, etc., to the MS101III, then power on.

Microphones are connected to the MIC INPUTs, a keyboard is connected to the LINE 2 input, and a CD player is connected to the LINE 1 input allowing you to sing and play along with your favorite songs or even your own songs.



Specifications

● GENERAL SPECIFICATIONS

TypeBass Reflex Powered Speaker
 Frequency Range75 Hz — 18 kHz (LOW and HIGH controls at center)
 Max. SPL97 dB SPL (10 W, 1 m on axis)
 Dimensions (W × H × D)147 × 214 × 192 mm (5.8 × 8.4 × 7.6 in)
 Weight.....2.5 kg (5 lb 8 oz)

● SPEAKER SECTION

Components10 cm (4 in), Cone × 1
 Sensitivity.....87 dB SPL (1 W, 1 m on axis)
 Nominal Impedance.....4 Ω

● AMP. SECTION

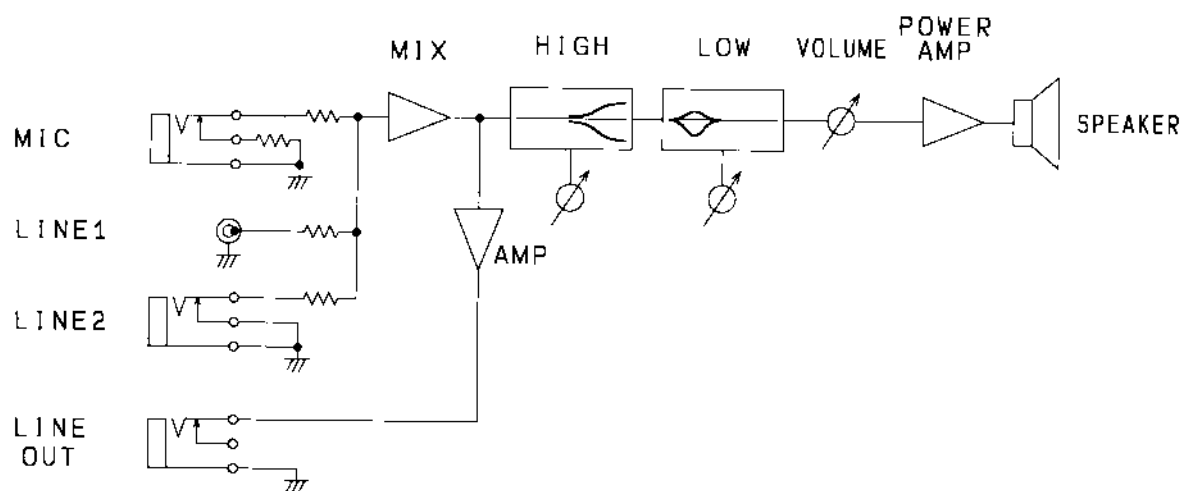
Output Power10 W at 1 kHz, THD = 0.5%, RL = 4 Ω
 Frequency Response.....30 Hz — 20 kHz
 Input Sensitivity.....MIC: -45 dB / 2 kΩ / Phone Jack
 /ImpedanceLINE 1: -10 dB / 10 kΩ / RCA Pin Jack
 /ConnectorsLINE 2: -10 dB / 10 kΩ / Phone Jack
 Hum & Noise.....≤ -60 dB *(VOLUME: min, fc = 12.7 kHz, 6dB / oct LPF)
 ControlsVOLUME
 LOW: -15 dB — +7 dB at 75 Hz
 HIGH: -13 dB — +8 dB at 10 kHz
 POWER: "STANDBY/ON"

Power Consumption.....30 W

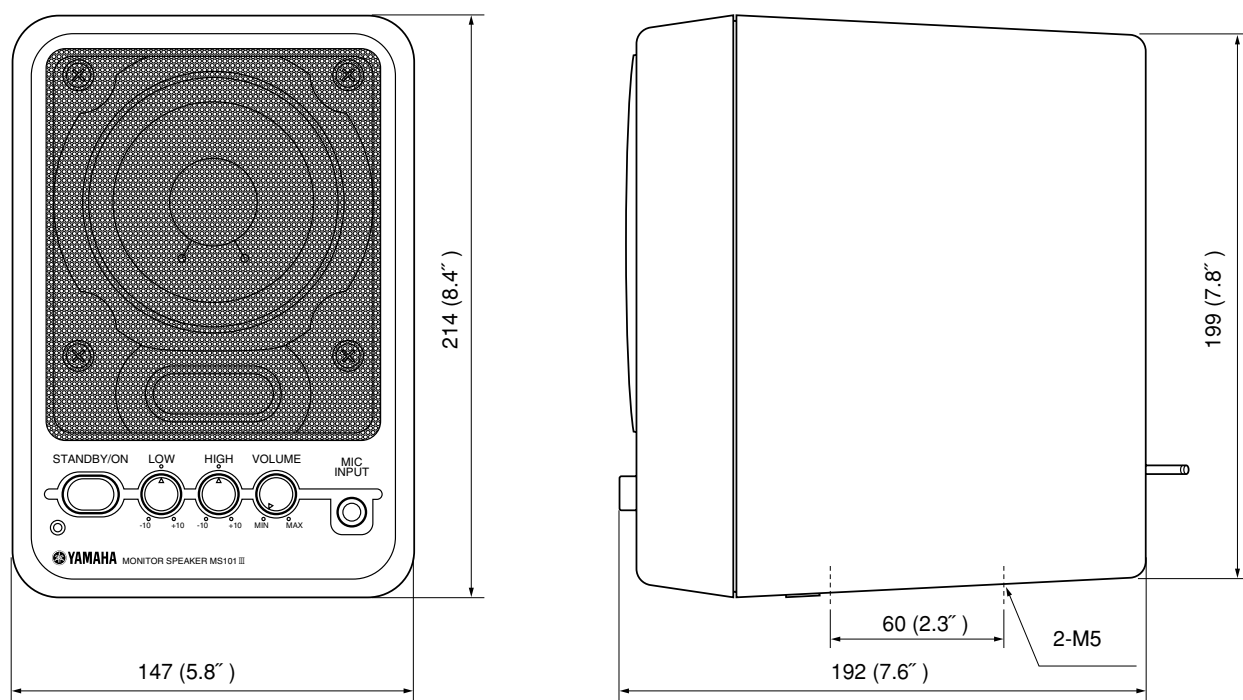
* 0 dB = 0.775 Vrms

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.

Block Diagram



Dimensions



Unit = mm (inch)

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

Pour plus de détails sur les produits, veuillez-vous adresser à Yamaha ou au distributeur le plus proche de vous figurant dans la liste suivante.

Die Einzelheiten zu Produkten sind bei Ihrer unten aufgeführten Niederlassung und bei Yamaha Vertragshändlern in den jeweiligen Bestimmungsländern erhältlich.

Para detalles sobre productos, contacte su tienda Yamaha más cercana o el distribuidor autorizado que se lista debajo.

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Yamaha Pro Audio global web site:
<http://www.yamahaproaudio.com/>
Yamaha Manual Library
<http://www.yamaha.co.jp/manual/>