



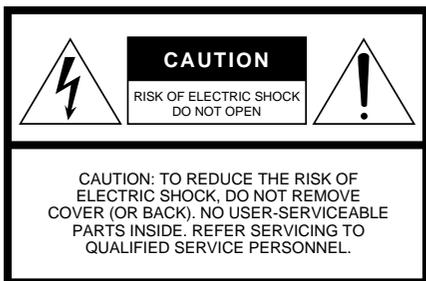
POWERED MULTIMEDIA SPEAKERS

# YST-M40



OWNER'S MANUAL  
MODE D'EMPLOI





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

• Explanation of Graphical Symbols



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert you 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 you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**IMPORTANT!**  
Please record the serial number of this unit in the space below.  
Model:  
Serial No.:  
The serial number is located on the rear of the unit.  
Retain this Owner's Manual in a safe place for future reference.

# SAFETY INSTRUCTIONS

- 1 Read Instructions — All the safety and operating instructions should be read before the unit is operated.
- 2 Retain Instructions — The safety and operating instructions should be retained for future reference.
- 3 Heed Warnings — All warnings on the unit and in the operating instructions should be adhered to.
- 4 Follow Instructions — All operating and other instructions should be followed.
- 5 Water and Moisture — The unit should not be used near water – for example, near a bathtub, wash-bowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.
- 6 Carts and Stands — The unit should be used only with a cart or stand that is recommended by the manufacturer.
- 6A An unit and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the unit and cart combination to overturn. 
- 7 Wall or Ceiling Mounting — The unit should be mounted to a wall or ceiling only as recommended by the manufacturer.
- 8 Ventilation — The unit should be situated so that its location or position does not interfere with its proper ventilation. For example, the unit should not be situated on a bed, sofa, rug, or similar surface, that may block the ventilation openings; or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
- 9 Heat — The unit should be situated away from heat sources such as radiators, stoves, or other appliances that produce heat.
- 10 Power Sources — The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the unit.
- 11 Power-Cord Protection — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit.
- 12 Cleaning — The unit should be cleaned only as recommended by the manufacturer.
- 13 Nonuse Periods — The power cord of the unit should be unplugged from the outlet when left unused for a long period of time.
- 14 Object and Liquid Entry — Care should be taken so that objects do not fall into and liquids are not spilled into the inside of unit.
- 15 Damage Requiring Service — The unit should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged; or
  - B. Objects have fallen, or liquid has been spilled into the unit; or
  - C. The unit has been exposed to rain; or
  - D. The unit does not appear to operate normally or exhibits a marked change in performance; or
  - E. The unit has been dropped, or the enclosure damaged.
- 16 Servicing — The user should not attempt service the unit beyond those means described in the operating instructions. All other servicing should be referred to qualified service personnel.
- 17 Power Lines — An outdoor antenna should be located away from power lines.

- 18** Grounding or Polarization — Precautions should be taken so that the grounding or polarization is not defeated.

## COMPLIANCE INFORMATION STATEMENT (DECLARATION OF CONFORMITY PROCEDURE)

Responsible Party:	Yamaha Corporation of America
Address:	6600 Orangethorpe Ave. Buena Park, CA90622
Telephone:	714-522-9011
FAX:	714-527-5782
Type of Equipment:	Powered Multimedia Speakers
Model Name:	YST-M40

This device complies with Part 15 of the FCC Rules.

Operation is subject to the 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.
- See user manual instructions if interference to radio reception is suspected.

### 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 product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the product "OFF" and "ON", please try to eliminate the problem by using one of the following measures:

Relocate either this product or the device that is being affected by the interference.

Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter/s.

In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to coaxial type cable.

If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you can not locate the appropriate retailer, please contact Yamaha Corporation of America 6600 Orangethorpe Ave. Buena Park, CA90622, U.S.A.

### FOR CANADIAN CUSTOMERS

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

THIS CLASS B DIGITAL APPARATUS COMPLIES WITH CANADIAN ICES-003.

### POUR LES CONSOMMATEURS CANADIENS

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.

CET APPAREIL NUMÉRIQUE DE LA CLASSE B EST CONFORME À LA NORME NMB-003 DU CANADA.

## We Want You Listening For A Lifetime

YAMAHA and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion – and, most importantly, without affecting your sensitive hearing.

Since hearing damage from loud sounds is often undetectable until it is too late, YAMAHA and the Electronic Industries Association's Consumer Electronics Group recommend you to avoid prolonged exposure from excessive volume levels.



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## Cautions

Please read the following operating precautions before use:

- When you disconnect the AC adaptor from the AC receptacle, hold the plug, not the cord.
- If you plan not to use the YST-M40s for a while, disconnect the AC adaptor from the AC receptacle.
- Always disconnect the AC adaptor from the AC receptacle before making any connections.
- The YST-M40s do not contain any user serviceable parts. Refer all servicing to your Yamaha dealer.
- **Never open the cabinet.** If a foreign object drops into the set, contact your dealer, and do not use the YST-M40s. Otherwise, you may cause a fire.
- Do not expose the YST-M40s to temperature extremes, direct sunlight, excessive dust, humidity, or vibration.
- Position the YST-M40s on a level, stable surface. Do not drop the YST-M40s, apply excessive force to their controls, or put heavy items on top of them.
- Do not place small metal objects on the speakers. Otherwise, the object may fall, possibly causing an injury.
- Do not obstruct the port with your hand or a foreign object.
- To protect the YST-M40 speakers, avoid microphone feedback, continuous and excessive output from electronic musical instruments, and excessive signal distortion.
- If the YST-M40s are located close to fluorescent or neon lights, a slight hum may be heard. In this case, relocate the YST-M40s away from the light.
- Although the YST-M40 speakers are magnetically shielded, keep floppy disks and tapes away from them.
- The YST-M40s may cause picture distortion when located close to a television or computer monitor. In this case, move them away a short distance.
- Avoid sources of hum (transformers, motors). To prevent fire or electrical shock, do not expose to rain and water.
- Do not use force on switches, knobs, or cables. When you move the YST-M40, first turn off the power to the speakers, then disconnect the AC adaptor from the AC receptacle and the cables from the connected devices.
- Always turn the volume control counterclockwise to the minimum before starting to play the audio source: increase the volume gradually to an appropriate level after the playback has started.

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## Table of Contents

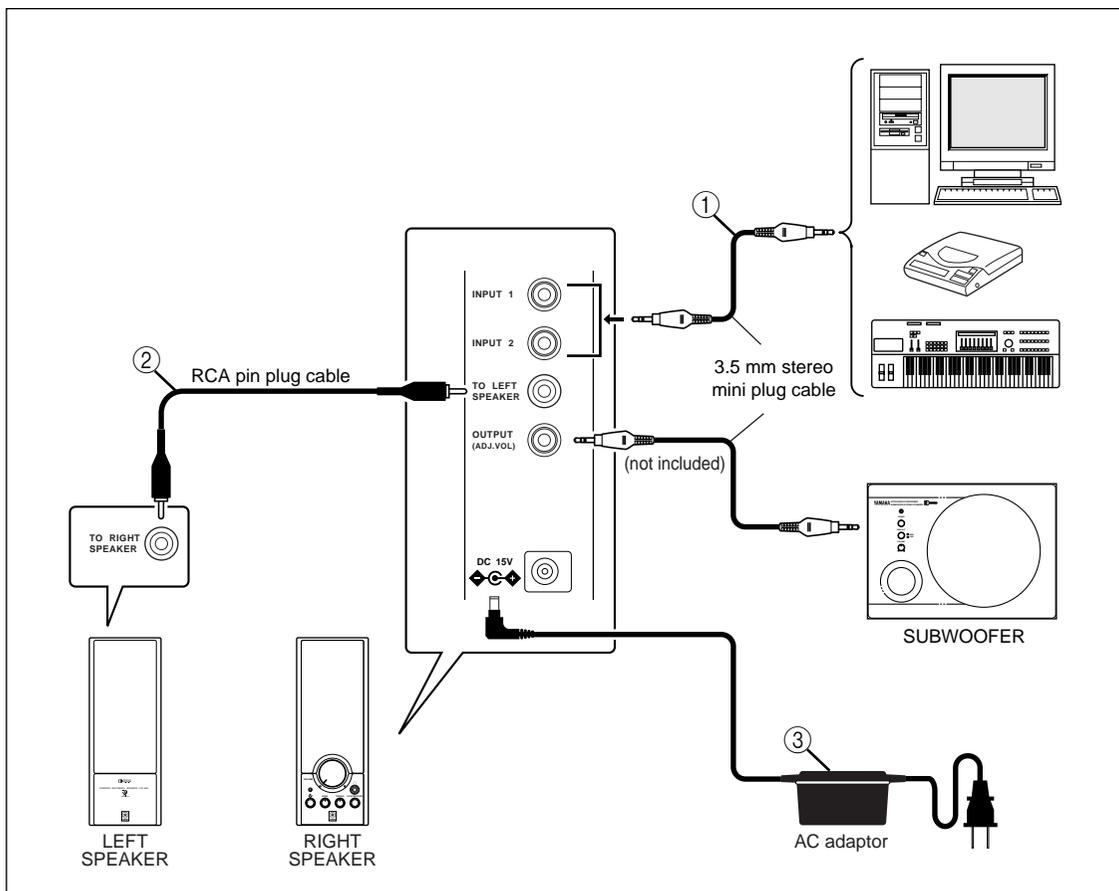
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## Introducing the YST-M40 Speaker System

Thank you for purchasing the Yamaha YST-M40 Powered Multimedia Speakers.

The YST-M40 Multimedia Speakers utilize Advanced Yamaha Active Servo Technology, which offers exceptionally high performance, allowing these compact speakers to produce a rich bass sound.

Please inspect the package contents thoroughly for damage. If any item is missing or damaged, please contact the dealer from whom you purchased the YST-M40.

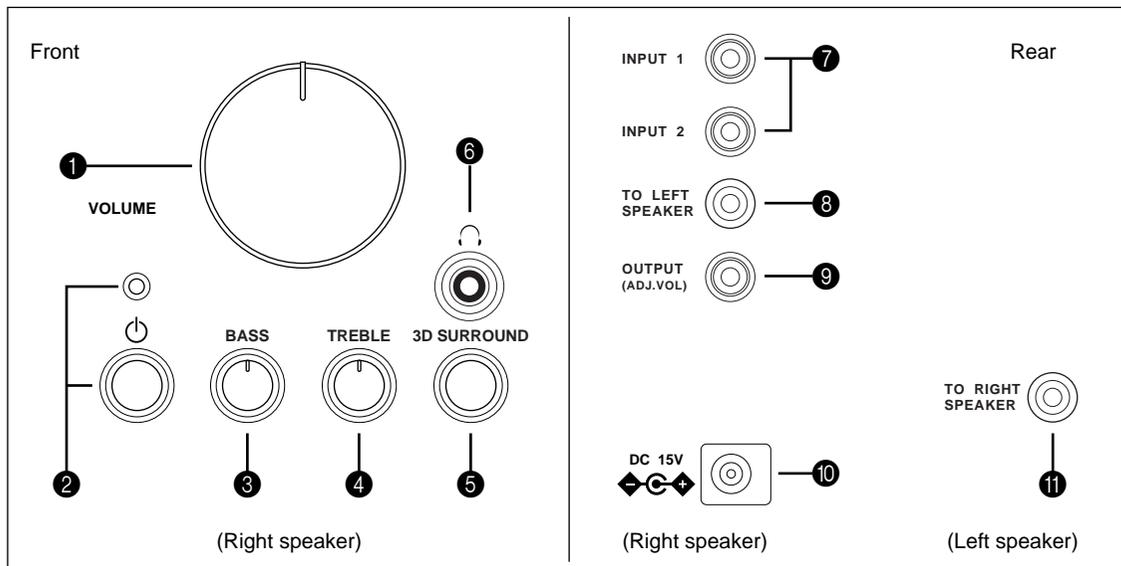


- ① 3.5 mm stereo mini plug cable × 1 (Accessory)
- ② RCA pin plug cable × 1 (Accessory)
- ③ AC adaptor × 1 (Accessory)

- The package also contains eight non-skid pads to attach to the bottom of the speakers.

**Warning:** Be sure to use the included AC adaptor. Using another AC adaptor may damage the speakers or cause a fire.

# Controls & Connectors



## 1 VOLUME control

Allows you to adjust the volume level of the entire speaker system.

Rotating the control clockwise will increase the volume level, and rotating the control counter-clockwise will decrease the level.

## 2 $\phi$ (standby/on) button/indicator

Press this button to turn on the power to the speaker system. Its indicator lights up. Press the button again to set the speaker system to standby mode. Before pressing this button, make sure that the VOLUME control setting is lowered. A small electrical current flows through the speaker system even if the standby/on button is turned off.

## 3 BASS control

Allows you to adjust the volume level of the low range.

Rotating the control clockwise will increase the volume level, and rotating the control counter-clockwise will decrease the level.

## 4 TREBLE control

Allows you to adjust the volume level of the high range.

Rotating the control clockwise will increase the volume level, and rotating the control counter-clockwise will decrease the level.

## 5 3D SURROUND switch

Turn this switch on to add 3D surround sound to the stereo source sound.

Press the switch to turn on the surround effect. Press it again to turn off the effect. This setting does not simulate the surround effect through the headphones.

## 6 $\phi$ Headphone jack

Connect a pair of stereo headphones here to monitor the sound. When you connect the headphones, the speakers will not output sound.

## 7 INPUT 1/2

You can input two audio sources to the speaker system from these input jacks simultaneously. For example, you can connect the output of a CD player and a personal computer here. The two audio sources are mixed together by the speaker system.

## 8 TO LEFT SPEAKER (on the right speaker)

Use the RCA plug cable to connect this jack to the **11 TO RIGHT SPEAKER** jack on the right speaker to this connector.

## 9 OUTPUT (ADJ. VOL)

Use a 3.5mm stereo mini plug cable to connect this jack to a subwoofer to reinforce the low range.

## 10 DC connector

Connect the included AC adaptor to this connector. Press the  $\phi$  (standby/on) button on the right speaker to turn the power on or standby.

## 11 TO RIGHT SPEAKER (on the left speaker)

Use the RCA plug cable to connect this jack to the **8 TO LEFT SPEAKER** jack on the right speaker to this connector.

### About YMERSSION (3D Enhancement)

YMERSSION is Yamaha's proprietary technology that enhances the spread of a normal stereo source playback sound, creating three-dimensional acoustics using only two speakers.

The 3D SURROUND switch on the right speaker enables you to turn the YMERSSION effect on and off.

## Troubleshooting

If the speakers fail to operate normally, check the following table. It lists common operation errors and simple measures that you can take to correct problems. If a problem cannot be corrected, or the symptom is not listed, disconnect the AC adaptor and contact your authorized YAMAHA dealer or service center for help.

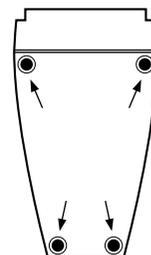
FAULT	CAUSE	CURE
No sound comes from the speakers.	The AC adaptor is not properly plugged into the AC receptacle.	Insert the AC adaptor firmly into the AC receptacle.
	The $\phi$ (standby/on) button on the right speaker is turned off or the AC adaptor is not plugged into the AC receptacle and the DC connector completely.	Plug the AC adaptor completely into the AC receptacle and DC connector, then turn on the $\phi$ (standby/on) button on the right speaker.
	The volume is set to minimum.	Turn the speaker VOLUME control to the right to increase the volume.
	The level of the input signal is too low.	Turn up the volume on the connected device.
	Connections are faulty or incomplete.	Make the connections again, firmly, or use a different cable.
Sound is distorted.	The level of the input signal is too high.	Turn down the volume on the connected device.
The 3D sound cannot be heard.	The sound source is monaural.	Playback the stereo source.
Noise.	Connections are faulty or incomplete.	Make the connections again, firmly, or use a different cable.

Even if the  $\phi$  (standby/on) button is turned off, a small amount of sound may be heard from the headphones if the VOLUME control is set to max. This is normal.

If the VOLUME control is set to max. while the headphones are connected, you may hear a small amount of sound from the speakers. This is normal.

## Non skid pad

To prevent the speakers from sliding around, attach the supplied pads to the four points on the bottom of speaker, as shown. Place the speaker on a stable, flat surface.



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## Specifications

<b>Type</b>	Advanced Yamaha Active Servo Technology
<b>Output power</b>	12 W + 12 W (1 kHz, 4Ω at T.H.D. = 10%)
<b>Input sensitivity</b>	200 mV (1 kHz, 4Ω at 12 W)
<b>Input impedance</b>	20 kΩ
<b>Frequency response</b>	70 Hz to 20 kHz
<b>Input Section</b>	Right speaker ..... 3.5 mm stereo mini jack for audio-signal × 2 AC adaptor jack Left speaker..... RCA pin jack connected to right speaker
<b>Output Section</b>	RCA pin jack connected to left speaker 3.5 mm stereo mini jack for audio-signal
<b>Output level</b>	0.7 V/330Ω (200 mV)
<b>Driver</b>	8 cm (3") full range cone, magnetic shielding
<b>H.P. Output level</b>	0.45 V/30Ω (200 mV)
<b>Power supply</b> (AC adaptor)	U.S.A. and Canada models ..... AC 120 V, 60 Hz Australia model..... AC 240 V, 50 Hz U.K. and Europe models..... AC 230 V, 50 Hz
<b>Dimensions (W × H × D)</b>	Right speaker ..... 95 (3.7") × 248 (9.8") × 203 (8") mm Left speaker..... 95 (3.7") × 248 (9.8") × 199 (7.8") mm
<b>Weight</b>	Right speaker ..... 1.1 kg (2.43 lbs) Left speaker..... 0.8 kg (1.76 lbs)
<b>Accessories</b>	AC adaptor × 1 3.5 mm stereo mini plug cable × 1 RCA pin plug cable × 1 8 pcs of non skid pads × 1 set

\* Specifications subject to change without notice.

Please contact an authorized Yamaha dealer for more information on this product or connections to your computer.

