



# YAMAHA TSX-N237 Desktop Audio System User Manual

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## TSX-N237 Desktop Audio System User Manual Desktop Audio System Système Audio Desktop

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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 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 user's 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 unit "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 the lead-in is 300-ohm ribbon lead, change the lead-in to co-axial 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 cannot locate the appropriate retailer, please contact Yamaha Corporation of America, 6600 Orangethorpe Ave. Buena Park CA90620, USA.

The above statements apply ONLY to those products distributed by Yamaha Corporation of America or its subsidiaries.

#### **COMPLIANCE INFORMATION STATEMENT**

##### **(Supplier's declaration of conformity procedure)**

Responsible Party: Yamaha Corporation of America

Address: 6600 Orangethorpe Ave. Buena Park CA90620

Telephone: 714-522-9011

Type of Equipment: Desktop Audio System

Model Name: TSX-N237

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.

##### **FCC NOTICE (U.S.A)**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated keeping the radiator at least 20cm or more away from the person's body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

##### **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.

\* This applies only to products distributed by YAMAHA CORPORATION OF AMERICA.

##### **IC NOTICE (Canada)**

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science, and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with ISSED radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the ISSED radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20cm or more away from the person's body. (for Canada) For indoor use only (5150-5350 MHz)

#### **PRECAUTIONS**

##### **PLEASE READ CAREFULLY BEFORE USE. BE SURE TO FOLLOW THESE INSTRUCTIONS.**

The precautions listed below are to prevent risk of harm to the user and others, as well as to prevent property damage, and to help the user use this unit properly and safely. Be sure to follow these instructions. After reading this manual, be sure to keep it in a safe place where it can be referenced at any time.

- Be sure to request inspections or repairs from the dealer where you purchased the unit or from qualified

Yamaha service personnel.

- Yamaha cannot be held responsible for injury to you or damage of the products caused by improper use or modifications to the unit.
- This product is for ordinary homes. Do not use for applications requiring high reliability, such as managing lives, health care or highvalue assets.



### **WARNING**

This content indicates “risk of serious injury or death.”

If you notice any abnormality

If any of the following abnormalities occur, immediately turn off the power and disconnect the power plug.

- The power cord/plug is damaged.
- An unusual smell, unusual sound or smoke is emitted from the unit.
- Foreign material or water gets into the interior of the unit.
- There is a loss of sound during use.
- There is a crack or damage in the unit.

Continued use could cause electric shocks, a fire, or malfunctions. Immediately request an inspection or repair from the dealer where you purchased the unit or from qualified Yamaha service personnel.

### **Power supply**

- Do not do anything that could damage the power cord.
  - Do not place it near a heater.
  - Do not bend it excessively or alter it.
  - Do not scratch it.
  - Do not place it under a heavy object. Using the power cord with the core of the cord exposed could cause electric shocks or a fire.
- Do not touch the power plug or cord if there is a chance of lightning. Failure to observe this may cause electric shocks.
- Use this unit with the power supply voltage printed on it. Failure to connect to an appropriate AC outlet may cause a fire, electric shocks, or malfunctions.
- Check the electric plug periodically and remove any dirt or dust which may have accumulated on it. Failure to observe this may cause a fire or electric shocks.
- When setting up the unit, 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 AC outlet. Even when the power switch is turned off, as long as the power cord is not unplugged from the wall AC outlet, the unit will not be disconnected from the power source.
- If not using the unit for long periods of time, be sure to pull the power plug from the AC outlet. Failure to observe this may cause a fire or malfunctions.

### **Do not disassemble**

- Do not disassemble or modify this unit. Failure to observe this may cause a fire, electric shocks, injury, or malfunctions.

### **Water warning**

- Do not expose the unit 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 or places where water may drop. A liquid such as water getting into the unit may cause a fire, electric shocks, or malfunctions.

- Never insert or remove an electric plug with wet hands. Do not handle this unit with wet hands. Failure to observe this may cause electric shocks or malfunctions.

### **Fire warning**

- Do not place any burning items or open flames near the unit, since they may cause a fire.

### **Handling caution**

- Be careful not to drop or apply a strong impact to this unit. Failure to observe this may cause electric shocks, a fire, or malfunctions.
- Do not place metallic objects, such as straps with metal components, near the Qi icon. Failure to observe this precaution may result in a fire, burn, or other injury.

### **Battery use**

- **DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD** The remote control supplied with this product contains a coin/button cell battery. If the coin/ button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Do not disassemble a battery. If the contents of the battery get on your hands or in your eyes, it can cause blindness or chemical burns.
- Do not dispose of a battery in fire. Do not expose a battery to high temperatures, such as direct sunlight or a fire. Doing so may result in the battery bursting, causing a fire or injury.
- Do not attempt to recharge batteries that are not intended to be charged. Charging could cause the battery to burst or leak, which can cause blindness, chemical burns, or injury.
- If the batteries do leak, avoid contact with the leaked fluid. If the battery fluid should come in contact with your eyes, mouth, or skin, wash immediately with water and consult a doctor. Battery fluid is corrosive and may possibly cause loss of sight or chemical burns.

### **Wireless unit**

- Do not use this unit near medical devices or inside medical facilities. Radio waves from this unit may affect electro-medical devices.
- Do not use this unit within 15 cm (6 in) of persons with a heart pacemaker implant or a defibrillator implant. Radio waves from this unit may affect electro-medical devices, such as a heart pacemaker implant or defibrillator implant.

### **Laser**

- Do not look into the laser source. If there is nothing to block it, this unit emits a visible laser. Avoid looking at the laser directly. Laser light entering your eyes may cause visual impairment. When the plug is inserted into the AC outlet, do not place your eyes near openings of the disk tray or other openings, and do not try to look inside the unit.



**CAUTION** This content indicates a “risk of injury.”

#### **Power supply**

- Do not use an AC outlet where the power plug fits loosely when inserted. Failure to observe this may cause a fire, electric shocks, or burns.
- When disconnecting the power plug, always hold the plug itself and not the cord. Pulling by the cord can damage it and cause electric shocks or a fire.
- Insert the power plug firmly all the way into the AC outlet. Using the unit when it is not plugged in sufficiently can cause dust to accumulate on the plug, causing a fire or burns.

#### **Installation**

- Do not place the unit in an unstable position where it might accidentally drop or fall over and cause injuries.
- When installing this unit, do not obstruct heat dissipation.
  - Do not cover it with any cloth.
  - Do not install it on a carpet or rug.
  - Do not block this unit’s ventilation holes (cooling slits).
  - Do not install the unit in other ways than indicated.
  - Do not use the device in a confined, poorly-ventilated location. Failure to observe the above may trap heat inside the unit, causing a fire or malfunctions. Ensure that there is adequate space around the unit: at least 15 cm (6 in) on top, 10 cm (4 in) on the sides, and 10 cm (4 in) on the rear.
- Do not install the unit in places where it may come into contact with corrosive gases or salt air or places that have excessive smoke or steam. Doing so may result in malfunction.
- Avoid being near the unit during a disaster, such as an earthquake. Since the unit may turn over or fall and cause injury, quickly move away from the unit and go to a safe place.
- Before moving this unit, be sure to turn off the power switch and disconnect all connection cables. Failure to observe this may damage the cables or cause you or someone else to trip and fall.

#### **Hearing loss**

- Do not use the unit 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.
- Before connecting the unit to other devices, turn off the power for all devices. Also, before turning the power of all devices on or off, make sure that all volume levels are set to the minimum. Failing to do so may result in hearing loss, electric shock, or device damage.
- When turning on the AC power in your audio system, always turn on the unit LAST, to avoid hearing loss and speaker damage. When turning the power off, the unit should be turned off FIRST for the same reason. Failure to observe the above may cause hearing impairment or speaker damage.

## Maintenance

- Remove the power plug from the AC outlet before cleaning the unit. Failure to observe this may cause electric shocks.

## Handling caution

- Do not insert foreign materials such as metal or paper into the openings of this unit. Failure to observe this may cause a fire, electric shocks, or malfunctions.
- Keep small parts out of the reach of infants. Your children may accidentally swallow them.
- Do not do the following:
  - Stand on or sit on the equipment.
  - Put heavy items on top of the equipment.
  - Place the equipment in a stack.
  - Apply unreasonable force to buttons, switches, input/output terminals, etc.Failure to observe this may cause injuries or damage to the equipment.
- Avoid pulling the connected cables to prevent injuries or damage to the unit by causing it to fall.

## Battery use

- Do not use batteries other than specified batteries.  
Doing so may cause fire or burns, or result in fluid leakage that may cause skin inflammation.
- Keep batteries away from children. A child could accidentally swallow a battery. Failure to observe this may also cause inflammation due to battery fluid leaks.
- Do not put in a pocket or bag, carry, or store batteries together with pieces of metal. The battery could short, burst, or leak, causing a fire or injury.
- Always make sure all batteries are inserted in conformity with the +/– polarity markings.  
Failure to do so might result in a fire, burns, or inflammation due to fluid leaks.
- When the batteries run out, or if the unit is not to be used for a long time, remove the batteries from the remote control to prevent possible leakage of the battery fluid.
- When storing or discarding batteries, insulate the terminal area by applying the tape, or some other protection.  
Mixing them with other batteries or metal objects can cause a fire, burns, or inflammation due to fluid.

## Notice

**Indicates points that you must observe in order to prevent product failure, damage or malfunction and data loss.**

## Power supply

- If not using the unit for a long period of time, be sure to pull the power plug from the outlet.  
Even if this unit is turned off by [z] (Standby/On), a minute current is still flowing.

## Installation

- Do not use this unit in a location that is exposed to direct sunlight that becomes extremely hot, such as near a heater, or extremely cold, or that is subject to excessive dust or vibration. Failure to observe this may cause the unit's panel to become deformed, the internal components to malfunction, or for the operation to become unstable.
- If using a wireless function, avoid installing this unit near metal walls or desks, microwave ovens, or other wireless network devices. Obstructions could shorten the transmission distance.
- Do not place magnetically sensitive items (watch, debit or credit card, etc.) on the unit.

## **Connections**

- Do not connect this product to public Wi-Fi and/or Internet directly. Only connect this product to the Internet through a router with strong password protections. Consult your router manufacturer for information on security best practices.
- If connecting external units, be sure to thoroughly read the manual for each unit and connect them in accordance with the instructions. Failure to properly handle a unit in accordance with the instructions could cause malfunctions.
- If the ambient temperature changes drastically (such as during unit transportation or under rapid heating or cooling) and there is a chance condensation may have formed in the unit, leave the unit for several hours without turning on the power until it is completely dry before use. Using the unit while there is condensation can cause malfunctions.

## **Maintenance**

- When cleaning the unit, use a dry, soft cloth. Using chemicals such as benzine or thinner, cleaning agents or chemical scrubbing cloths can cause discoloration or deformation.

## **About disposal**

- Be sure to discard used batteries in accordance with local regulations.

## **Information**

### **About the nameplate of the unit**

The model number, serial number, power requirements, etc., may be found on or near the name plate, which is at the bottom of the unit.

You should note this serial number in the space provided below and retain this manual as a permanent record of your purchase to aid identification in the event of theft.

**Model No.**

**Serial No.**

### **About content in this manual**

- This manual uses the following signal words for the important information:

**⚠ WARNING**

This content indicates a “risk of serious injury or death.”

**⚠ CAUTION**

This content indicates a “risk of injury.”

**NOTICE**

Indicates points that you must observe in order to prevent product failure, damage or malfunction, and data loss, as well as to protect the environment.

**NOTE**

Indicates notes on instructions, restrictions on functions, and additional information that may be helpful.

- The illustrations and screens in this manual are for instructional purposes only.
- The company names and product names in this manual are the trademarks or registered trademarks of their respective companies.
- Software may be revised and updated without prior notice.

**LASER SAFETY**

This unit employs a laser. Due to possible eye injury, only a qualified service person should remove the cover or attempt to service this device.

**DANGER**

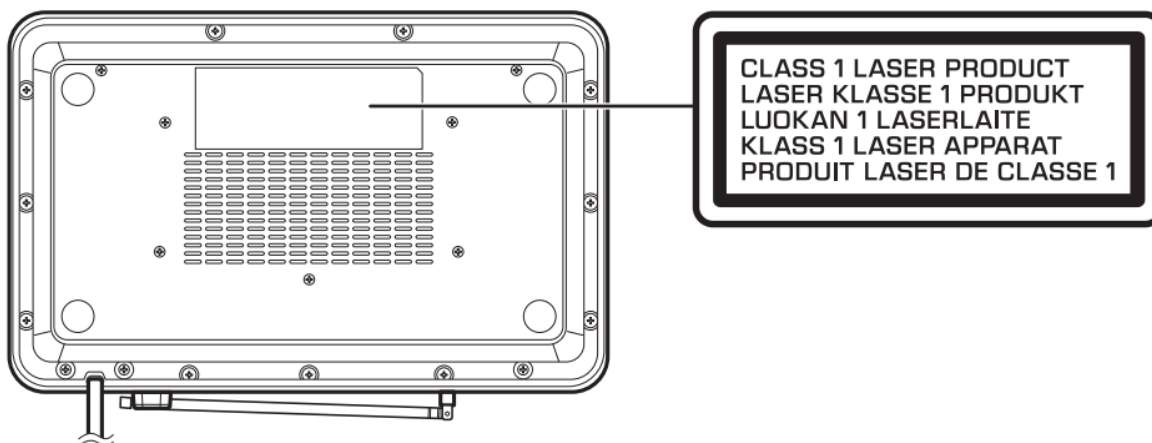
This unit emits visible laser radiation when open. Avoid direct eye exposure to beam.

When this unit is plugged into the wall outlet, do not place your eyes close to the opening of the disc tray and other openings to look into inside.

**CAUTION**

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

The laser component in this product is capable of emitting radiation exceeding the limit for Class 1.



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Yamaha Global Site

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

Yamaha Downloads

<https://download.yamaha.com/>

**Manual Development Group**

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## Documents / Resources



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TSXN237, A6RTSXN237, TSX-N237, Desktop Audio System

## References

- [Yamaha Downloads](#)
- [Yamaha Corporation - Global](#)