



# YAMAHA

Front Surround System  
Système Surround Frontal

Фронтальная система окружающего звучания

ESB-1090

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# 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 intended for use as general professional equipment. Do not use it in any fields requiring a high degree of reliability in relation to human lives.



## 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. If you are using batteries, remove the batteries from this unit.
    - 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.

- Be sure to use the supplied power cord.
- Failure to observe the above may cause a fire, burns, or malfunctions.
- Do not use the supplied power cord for other units.
- Failure to observe the above may cause a fire, burns, 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 you hear thunder or suspect approaching lightning, quickly turn off the power switch and pull the power plug from the AC outlet.
- Failure to observe this may cause a fire or malfunctions.
- 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.

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## Installation

- Install in the manner instructed in the manual.
- Falling or toppling may result in injury or damage.
- Confirm that the finished installation is safe and secure. Also, carry out safety inspections periodically.
- Failure to observe this may cause devices to fall and result in injury.

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## Do not disassemble

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

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## 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.

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## Fire warning

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

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## Handling caution

- Be careful not to drop or apply strong impact to this unit.
- Failure to observe this may cause electric shocks, a fire, or malfunctions.

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## 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.



## CAUTION

This content indicates “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 10 cm (4 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.
- For proper installation of the speakers, make sure to have it done by the dealer from where you purchased the unit or by qualified service personnel. Failure to observe this may cause the installation to fall and result in injury. Installation requires special skills and experience.

## 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. Failing to do so may result in hearing loss, electric shock, or device damage.

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## Maintenance and care

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

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## Handling caution

- Do not insert your hand or fingers into the openings of this unit.  
Failure to observe this may cause injury.
- 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.
  - hang on the equipment.
  - lean against the equipment.
- 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.

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## 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.
- 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 tape, or some other protection.  
Mixing them with other batteries or metal objects can cause a fire, burns, or inflammation due to fluid.

# NOTICE AND INFORMATION

## 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 [⏻](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 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.

## Connections

- 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.

## About wireless communication functions [U.K. and Europe models]

- Basic specifications

### Bluetooth

Radio Frequency: 2402 MHz to 2480 MHz

Maximum Output Power (EIRP): 9.5 dBm (8.9 mW)

## Handling

- Do not place vinyl, plastic, or rubber products on this unit. Failure to observe this may cause discoloration or deformation in the panel of this unit.
- 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 and care

- When cleaning the unit, use a dry, soft cloth. Using chemicals such as benzene 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 for users on collection and disposal of old equipment and used batteries:



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation.



By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.



For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

### Pb

#### For business users in the European Union:

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

#### Information on Disposal in other Countries outside the European Union:

These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

#### Note for the battery symbol (bottom two symbol examples):

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the EU Battery Directive for the chemical involved.

(weee\_battery\_eu\_en\_02)

## Information

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

### About the name plate 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.**

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