



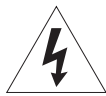
# marantz®

**Model SW7001 User Guide**

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Subwoofer

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN	
<b>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL</b>		



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.

## WARNING

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

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

**ATTENTION: POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA  
LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPON-  
DANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.**

# IMPORTANT SAFETY INSTRUCTIONS

**READ BEFORE OPERATING EQUIPMENT**

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

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.

### Additional Safety Information!

- This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
- Apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- When the switch is in the OFF position, the apparatus isn't completely switched-off from the MAINS.
- The equipment shall be installed near the Socket-Outlet and shall be easily accessible.

Thank you for purchasing the Marantz SW7001 Subwoofer.

Before using this unit, please read the User Guide carefully to ensure proper operation of the unit, and retain it together with the supplied warranty.

■ **Accessories Check**

Before use, check the below accessories were included in the package.

- Audio cable
- Remote control cable
- User Guide (This manual)
- Warranty Card  
(USA x 1, Canada x 1)

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**BEFORE USING**

This section must be read before any connection is made to the mains supply.

■ **Equipment mains working setting**

Your Marantz product has been prepared to comply with the household power and safety requirements that exist in your area. This unit can be powered by 120V AC only.

■ **Copyright**

Recording and playback of any material may require consent. For further information refer to the following:

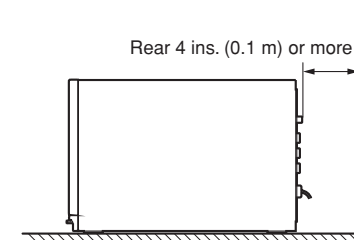
- Copyright Act 1956
- Dramatic and Musical Performers Act 1958
- Performers Protection Acts 1963 and 1972
- Any subsequent statutory enactments and orders

■ **Do Not Locate in the Following Places**

To ensure long-lasting use, do not locate the unit where:

- Exposed to direct sunlight.
- Near to sources of heat such as heaters.
- Highly humid or poorly ventilated.
- Dusty.
- Subjected to mechanical vibrations.
- On wobbly, inclined or otherwise unstable surfaces
- On a high place such as on a TV set

- To ensure proper heat radiation, ensure the below clearance from walls and other equipment.



■ **Keep Objects Off**

Keep objects off the unit.

■ **Do not touch hot spots during and immediately after use**

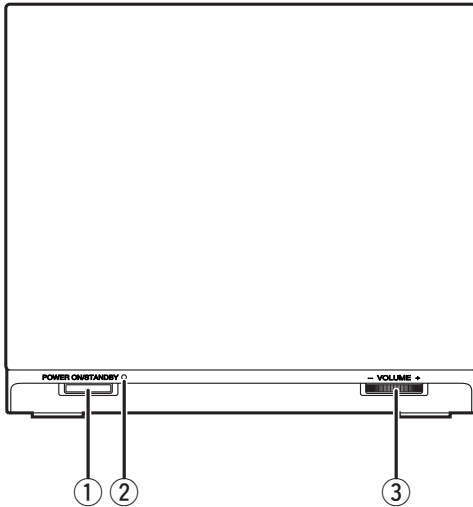
During and immediately after use, the unit is hot in areas other than the controls and rear panel connection jacks. Do not touch hot spots and especially the rear panel. Contact with hot areas can cause burns.

■ **Cautions on handling power cord**

- Do not touch the power cord with wet hands.
- When disconnecting the power cord, always make sure that you take hold of the plug. Yanking out or bending the cord can damage it and/or cause electric shocks or a fire.
- Get into the habit of disconnecting the power plug before leaving home.

# NAMES AND FUNCTIONS OF PARTS

## FRONT PANEL



### ① POWER ON/STANDBY button

This button is used to switch between power-on and standby mode. When the unit is turned on and no audio signal is input for several minutes, the unit's auto power-on/standby-function is activated and the unit automatically goes into standby mode.

When the CONTROL IN jack of the unit is connected to the SUB W. CONTROL OUT jack of the ES7001 Home Theater System, this unit is turned on or goes into standby mode in conjunction with the operations of the ES7001.

#### **Note:**

The unit's auto-power-on/standby function is available only when the control connection is made with the ES7001.

### ② STANDBY indicator

This indicator shows the status of the unit's power. The indicator lights in green when the unit is turned on. It lights in red when the unit is in standby mode.

#### **Note:**

The power consumption in standby mode is approximately 0.5 W. We recommend you turn off the unit when it is not in use.

### ③ VOLUME +/- knob

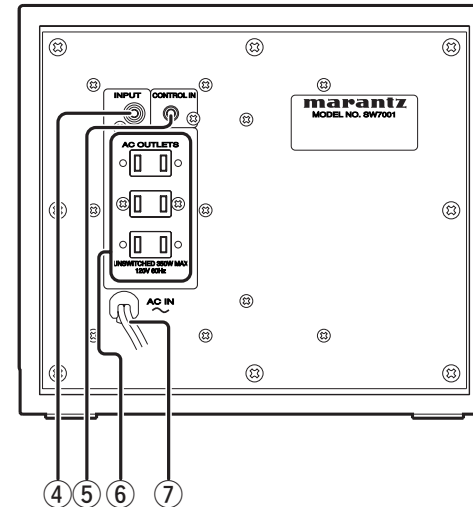
This knob is used to adjust the volume. Turning it clockwise increases the volume.

#### **Notes:**

Setting the volume of the connected amplifier to an excessively high level may cause sound deterioration or damage to the unit. Please note the following when you use the unit with an amplifier connected.

- Do not set the unit's volume too high when the bass level is excessively increased with the tone or loudness controls on the connected amplifier.
- Set the volume control of the connected amplifier to the minimum level when you switch on the amplifier's power.

## REAR PANEL



### ④ INPUT jack

This is an audio input jack used to connect to the subwoofer output jack of the optional ES7001 or a commercially available AV amplifier.

### ⑤ CONTROL IN jack

This is a control signal input jack used to connect to the SUB W. CONTROL OUT jack on the optional ES7001. In conjunction with the power on/off on the ES7001, this unit is turned on/off.

#### **Note:**

Connection with any equipment other than the ES7001 may cause damage to the unit.

### ⑥ AC OUTLET

These AC outlets supply power to the optional ES7001, DVD player, etc.

- The AC outlets are capable of supplying power even if the unit's power is turned off.
- The AC outlets are capable of supplying power to audio equipment which requires a total power consumption of up to 350 W.

#### **Note:**

Never connect a TV set, electric cleaner, hair dryer, etc. to these AC outlets. Doing so may cause damage to the unit.

### ⑦ AC power cord

Connect to a wall outlet capable of supplying AC 120 V 60 Hz.

# CONNECTIONS

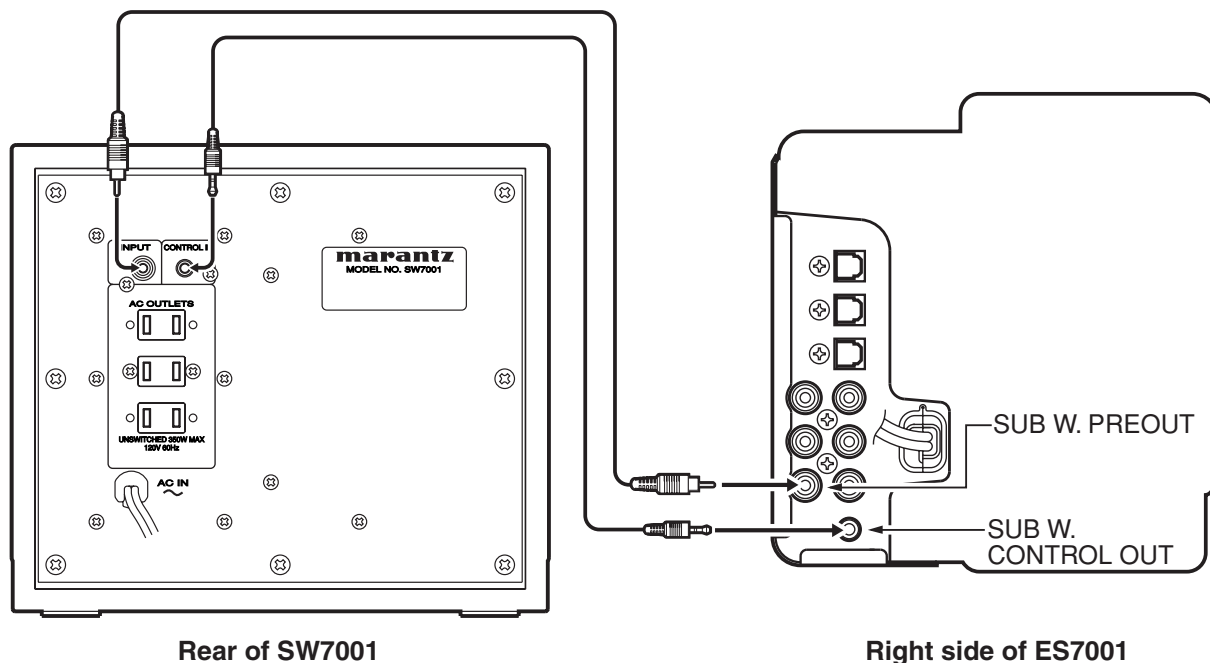
- Use the connecting cables supplied with this unit when connecting with the ES7001 Home Theater System.
- If the unit is turned on after connection with the ES7001, the unit goes into standby mode or turns on in conjunction with operation of the ES7001. (Subwoofers of other manufacturers do not work in conjunction with the ES7001.)

## Notes:

- Do not connect the AC power cord of the unit to the wall outlet before making all connections.
- Insert all connecting cable plugs firmly into the connectors. A loose connection may result in no sound or noise.
- Be sure to unplug the unit when connecting or disconnecting the cables. Connecting or disconnecting the cables without unplugging may cause a malfunction or breakdown of the unit.

## ■ Connecting the unit

- Connect the INPUT jack on this unit to the SUB W. PREOUT jack on the ES7001.
- Connect the CONTROL IN jack on this unit to the SUB W. CONTROL OUT jack on the ES7001.



# INSTALLATION

## Notes:

- Install the unit near the wall outlet so that the AC power cord is easily disconnected.
- The unit is not disconnected from the AC power source even if the unit is turned off. To disconnect it from the AC power source completely, unplug the unit from the wall outlet.

## ■ Unit's anti-magnetism and interference with a TV picture

This unit is an anti-magnetic type subwoofer, but if the unit is located near a TV, the colors may become spotty. If this occurs, place the unit further away from the TV.

## ■ Howling

When the unit is placed near an analog record player, the output sound from the unit may cause the installation surface and ambient air to vibrate, producing howling. If this happens, install the unit further away from the analog record player or decrease the volume level of the unit.

In rare cases, howling may occur with a VCR, compact disc player, mini-disc player or DVD player and result in deterioration of sound and picture. In this case, place the unit further away from the equipment or decrease the volume.

## SPECIFICATIONS

### ● Power amplifier section

Rated output ..... 50 W (EIAJ 100 Hz, 4 Ω)  
 Line input sensitivity ..... 220mV  
 Frequency characteristics.....38Hz–170Hz

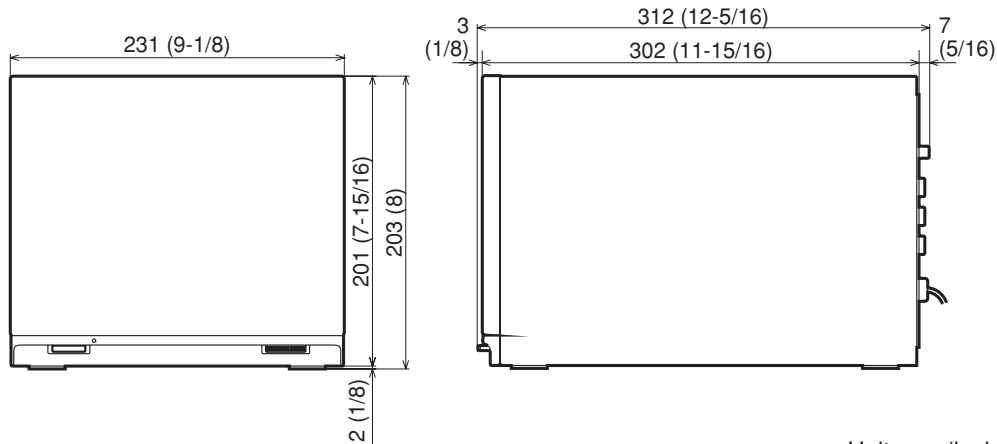
### ● Speakers

Enclosure..... bass reflex type  
 Speaker unit ..... 16 cm cone  
 Rated impedance ..... 4 Ω

### ● Power supply

Power requirements..... AC 120 V 60 Hz  
 Rated power consumption..... 60 W  
 Power consumption in standby mode... 0.5 W

### ● Dimensions



Unit: mm (inch)

Specifications subject to change without prior notice.

## OTHERS

The section describes the care and maintenance tasks that must be performed to optimize the operation of your Marantz component.

### ■ Cleaning of equipment external surfaces

The exterior finish of your unit will last indefinitely with proper care and cleaning. Never use scouring pads, steel wool, scouring powders or harsh chemical agents (e.g., lye solution), alcohol, thinner, benzine, insecticide or other volatile substances as these will mar the finish of the equipment. Likewise, never use cloths containing chemical substances. If the equipment get dirty, wipe the external surfaces with a soft, lint-free cloth.

If the equipment becomes heavily soiled:

- dilute some washing up liquid in water, in a ratio of one part detergent to six parts water.
- dip a soft, lint free in the solution and wring the it is damp.
- wipe the equipment with the damp cloth.
- dry the equipment by wiping it with a dry cloth.



### ■ Repairs

Only the most competent and qualified service technicians should be allowed to service the factory-trained warranty station personnel have the knowledge and special facilities needed for repair and calibration of this precision equipment. After the warranty period has expired, repairs will be performed for a charge if the equipment can be returned to normal operation.

In the event of difficulty, refer to your dealer or write directly to the nearest location to you that is listed on the Marantz Authorized Service Station list. If writing, please include the model and serial number of the equipment together with a full description of what you think is abnormal about the equipment's behaviour.

### ● Dimensions / Mass

Width ..... 231 mm (9-1/8 ins.)  
 Height ..... 203 mm (8 ins.)  
 Depth ..... 312 mm (12-5/16 ins.)  
 Mass ..... 6.2 kg (13.7 lbs)

### ● Supplied accessories

Audio cable ..... 1  
 Remote control cable..... 1  
 User Guide (this manual)..... 1  
 Warranty card (USA x 1, CANADA x 1)..... 1

### Note:

The speaker nets cannot be removed.

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