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English

Français

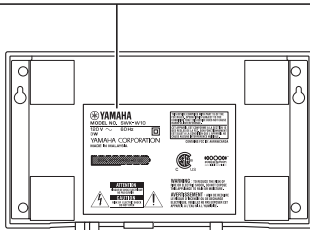
SWK-W10

Wireless subwoofer kit
Ensemble de caisson de sous-graves

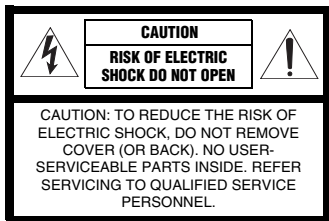
OWNER'S MANUAL

MODE D'EMPLOI

- The name plate is located on the bottom of the unit.
- La plaque signalétique se trouve sur le dessous de l'appareil.



IMPORTANT SAFETY INSTRUCTIONS



■ 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.

- 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.



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.



FCC INFORMATION (for US customers)

- 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.
- 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.
- 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 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 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 Electronics Corp., U.S.A. 6660 Orangethorpe Ave, Buena Park, CA 90620.
The above statements apply **ONLY** to those products distributed by Yamaha Corporation of America or its subsidiaries.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two 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.

This equipment complies with FCC/IC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 20 cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).

NOTICE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC WARNING

Change or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

Caution: Read this before operating this unit.

- To assure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.
- Install this sound system in a well ventilated, cool, dry, clean place and away from direct sunlight, heat sources, vibration, dust, moisture and cold. For proper ventilation, allow the following minimum clearances.
Top: 5 cm (2 in)
- Locate this unit away from other electrical appliances, motors, or transformers to avoid humming sounds.
- Do not expose this unit to sudden temperature changes from cold to hot, and do not locate this unit in an environment with high humidity (i.e. a room with a humidifier) to prevent condensation inside this unit, which may cause an electrical shock, fire, damage to this unit, and/or personal injury.
- Avoid installing this unit where foreign object may fall onto this unit and/or this unit may be exposed to liquid dripping or splashing. On the top of this unit, do not place:
 - Other components, as they may cause damage and/or discoloration on the surface of this unit.
 - Burning objects (i.e. candles), as they may cause fire, damage to this unit, and/or personal injury.
 - Containers with liquid in them, as they may fall and liquid may cause electrical shock to the user and/or damage to this unit.
- Do not cover this unit with a newspaper, tablecloth, curtain, etc. in order not to obstruct heat radiation. If the temperature inside this unit rises, it may cause fire, damage to this unit, and/or personal injury.
- Do not plug in this unit to a wall outlet until all connections are complete.
- Do not operate this unit upside-down. It may overheat, possibly causing damage.
- Do not use force on switches, knobs and/or cords.
- When disconnecting the power cable from the wall outlet, grasp the plug; do not pull the cable.
- Do not clean this unit with chemical solvents; this might damage the finish. Use a clean, dry cloth.
- Only voltage specified on this unit must be used. Using this unit with a higher voltage than specified is dangerous and may cause fire, damage to this unit, and/or personal injury. Yamaha will not be held responsible for any damage resulting from use of this unit with a voltage other than specified.
- Do not attempt to modify or fix this unit. Contact qualified Yamaha service personnel when any service is needed. The cabinet should never be opened for any reasons.
- When not planning to use this unit for long periods of time (i.e. vacation), disconnect the AC power plug from the wall outlet.
- Be sure to read the "Troubleshooting" section on common operating errors before concluding that this unit is faulty.
- Before moving this unit, disconnect the AC power plug from the wall outlet.
- Condensation will form when the surrounding temperature changes suddenly. Disconnect the power cable from the outlet, then leave this unit alone.
- When using this unit for a long time, this unit may become warm. Leave this unit alone for cooling.
- Install this unit near the AC outlet and where the AC power plug can be reached easily.

WARNING

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

CAUTION

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

Even if a subwoofer is not connected to this unit, this unit is not disconnected from the AC power source as long as it is connected to the AC wall outlet. In this state, this unit is designed to consume a very small quantity of power.

Do not use this unit within 22 cm (9 inches) of persons with a heart pacemaker implant or defibrillator implant.

Be sure to use this product only in the country in where it was purchased.

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 rear of the unit. Retain this Owner's Manual in a safe place for future reference.

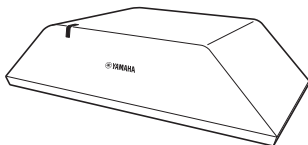
■ Introduction

SWK-W10 is a receiver for subwoofer signals transmitted wirelessly from the transmitting-side Yamaha product (such as YIT-W10, YSP-5100, and YSP-4100). By connecting SWK-W10 to your subwoofer (with internal amplifier) using a subwoofer cable, you can enjoy received bass sounds for subwoofer. Also, since the power and volume level of the subwoofer are controlled in conjunction with transmitting-side operations (Yamaha “yAired” technology), this unit provides a simple operation.

■ Included items

Check that you have received all of the following items.

SWK-W10

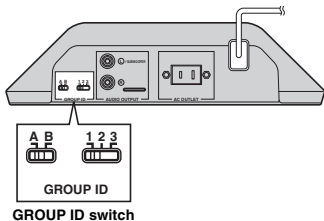


OWNER'S MANUAL



■ Using SWK-W10

- 1 Keep this unit and your subwoofer (with internal amplifier) unplugged from AC wall outlets.**
- 2 Set the group ID of this unit to one used on the transmitting-side Yamaha product.**
The group ID is set by using 2 group ID switches. When you set the group ID to “B2”, set each switch to “B” and “2”.



- For information about the group ID of the transmitting-side Yamaha product, refer to the manual supplied with the transmitting-side Yamaha product.
- If the transmitting-side product is not equipped with an A/B switch, set the A/B switch of this unit to “A”.

3 Install this unit on or near your subwoofer.

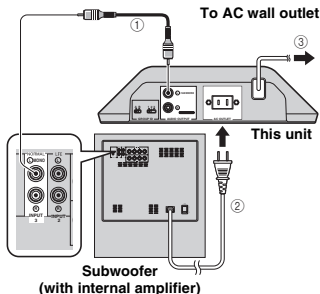
When you install this unit on your subwoofer, this unit may be moved by vibration. In this case, install this unit elsewhere or fix this unit not to be moved.

yAired

The “yAired” and “yAired” are trademarks of Yamaha Corporation.

4 Connect the cables in the following order.

- 1 Connect the AUDIO OUTPUT (SUBWOOFER) of this unit and the input jack of your subwoofer using a subwoofer cable.
- 2 Plug the power cable of your subwoofer to the AC OUTLET terminal of this unit.
- 3 Plug the power cable of this unit to an AC wall outlet.

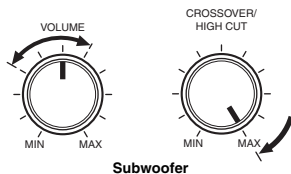


Note

- Do not plug a subwoofer which power consumption is higher than 100 W to the AC OUTLET terminal of this unit.

5 Turn on the subwoofer.

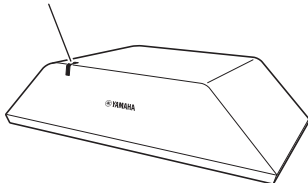
6 Set the volume of your subwoofer to about half way and then set the crossover frequency to the maximum.



7 Turn on the transmitting-side product.

The LED turns to green if a wireless connection between this unit and transmitting-side product is established.

Status LED



LED	Status
Red	This unit is turned off because the transmitting-side product is also turned off. Turn on the transmitting-side product to turn on this unit.
Orange	A wireless connection is being established. Please wait.
Green	A wireless connection is established properly.

Note

- If your subwoofer is operable with the remote control, set the subwoofer's power management setting to "Always On" to make the power control of this unit functions properly.

■ Troubleshooting

Refer to the table below if the unit does not function properly. If the problem you are experiencing is not listed below, or if the instruction below does not help, contact the nearest authorized Yamaha dealer or service center.

Problem	Cause	Remedy
No sound, or the status LED does not light up green.	This unit and transmitting-side Yamaha product are not connected since they are set to different groups.	Set both this unit and transmitting-side Yamaha product to the same group.
No sound.	The signals are obstructed because there is an obstacle between the transmitting-side product and this unit.	Remove the obstacle. Move this unit to another position.
	There is a device (microwave oven, wireless LAN, etc.) outputting signals in 2.4 GHz frequency band nearby.	Move this unit away from the device. If the device is IEEE802.11n-compliant, change the channel setting of the device so as not to affect the unit.
	The connection between this unit and your subwoofer is improper.	Check the connection.
	The volume is turned down.	Raise the output level of the subwoofer.
		Adjust the volume control of the transmitting-side product to turn up the volume. The subwoofer volume raises in conjunction with the operation of the transmitting-side product.
	The wireless connection is unstable for some reasons.	Unplug this unit from the AC wall outlet and then plug it again. Check if the LED status lights green.
The subwoofer is set to the standby mode when the AC power of the subwoofer is turned to ON.	Set the subwoofer's power management setting so that the subwoofer power interlocks with the AC power of the subwoofer.	
	Set audio setting on the subwoofer to audio detection mode.	
Too low volume.	The volume is turned down.	Turn up the volume or adjust the crossover frequency on your subwoofer.

■ Specifications

Power supply	AC 120 V, 60 Hz
Power consumption	3 W
Power consumption without wireless connection	1.5 W or less
AUDIO OUTPUT (SUBWOOFER)	
.....	2 V/120 Hz or less
AC OUTLET	100 W maximum

Transmission range	Approx. 20 m (66 ft) (without interference)
Dimensions (W × D × H) excluding projections	
.....	210 × 53.5 × 120.5 mm (8-3/8 × 2-1/4 × 4-7/8 in)
Weight.....	0.8 kg (1.8 lbs)
* Specifications are subject to change without notice	

