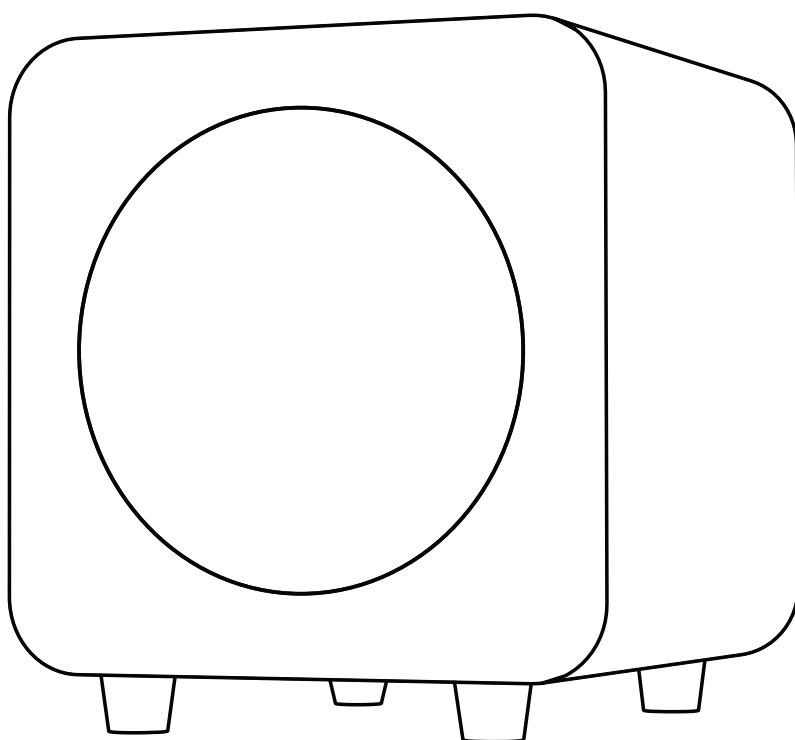


# SUB6

Powered Subwoofer



**KANTO**

English User Manual

# Important Safety Precautions



## ATTENTION

The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the apparatus.



Caution: to reduce the risk of electric shock, do not remove back panel. No user serviceable parts inside. Refer servicing to qualified service personnel.



## DANGEROUS VOLTAGE

The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user of the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

- 
- Read these instructions.
  - Keep these instructions.
  - Heed all warnings.
  - Follow all instructions.
  - Do not use this apparatus near water.
  - Clean only with a dry cloth.
  - Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
  - Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
  - 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 in your outlet, consult an electrician for replacement of the obsolete outlet.
  - Protect the power-supply cord from being walked on or pinched, particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
  - Only use attachments / accessories specified by the manufacturer.
- 
- Unplug this apparatus during lightning storms or when unused for long periods of time.
  - 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, the apparatus does not operate normally, or the apparatus has been dropped.
  - Apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.
  - An appliance input coupler is used as the disconnect device — the disconnect device shall remain readily operable.
  - Batteries or battery packs shall not be exposed to excessive heat such as sunshine, fire or the like.
  - Maintain minimum distances around the apparatus for sufficient ventilation: — the ventilation should not be impeded by covering the ventilation openings with items such as newspapers, tablecloths, curtains, etc.
  - No open-flame sources such as lit candles should be placed on the apparatus.
  - Use this apparatus in moderate climates.
- 

## FCC WARNINGS

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

## FCC NOTICE:

- 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.

## INDUSTRY CANADA NOTICE:

- Complies with CAN ICES-3(B) / NMB-3(B)

 This equipment is Class II



NOTICE: This appliance is labeled in accordance with European Directive 2012/19/EU concerning waste electrical and electronic equipment (WEEE). This label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling.

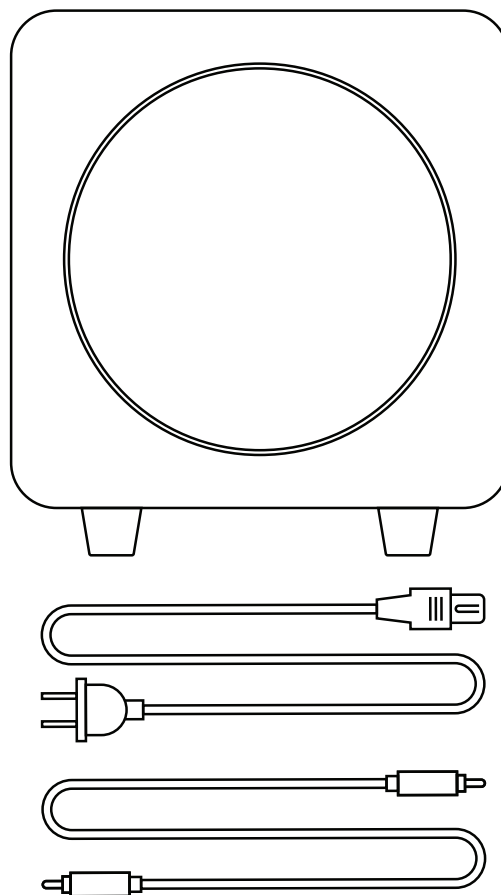
# Introduction

Sub6 delivers quick, precise bass that adds depth and clarity to your music, movies, and games. Driven by a powerful 200 W amplifier and a 6" woofer, our powered subwoofer unlocks deeper soundscapes with rich, controlled low-end - engineered to enhance, not overwhelm. Its compact design makes it easy to place in any space, while included crossover and phase controls enable fine-tuning for your unique setup. Sub6's thoughtful aesthetics complements Kanto speakers, delivering tight, impactful bass that enriches your listening experience in any setting, no matter how space-conscious.

We recommend you read all instructions carefully before using Sub6 and keep them for future reference. Kanto cannot be liable for damage or injury caused by incorrect setup or use of this product.

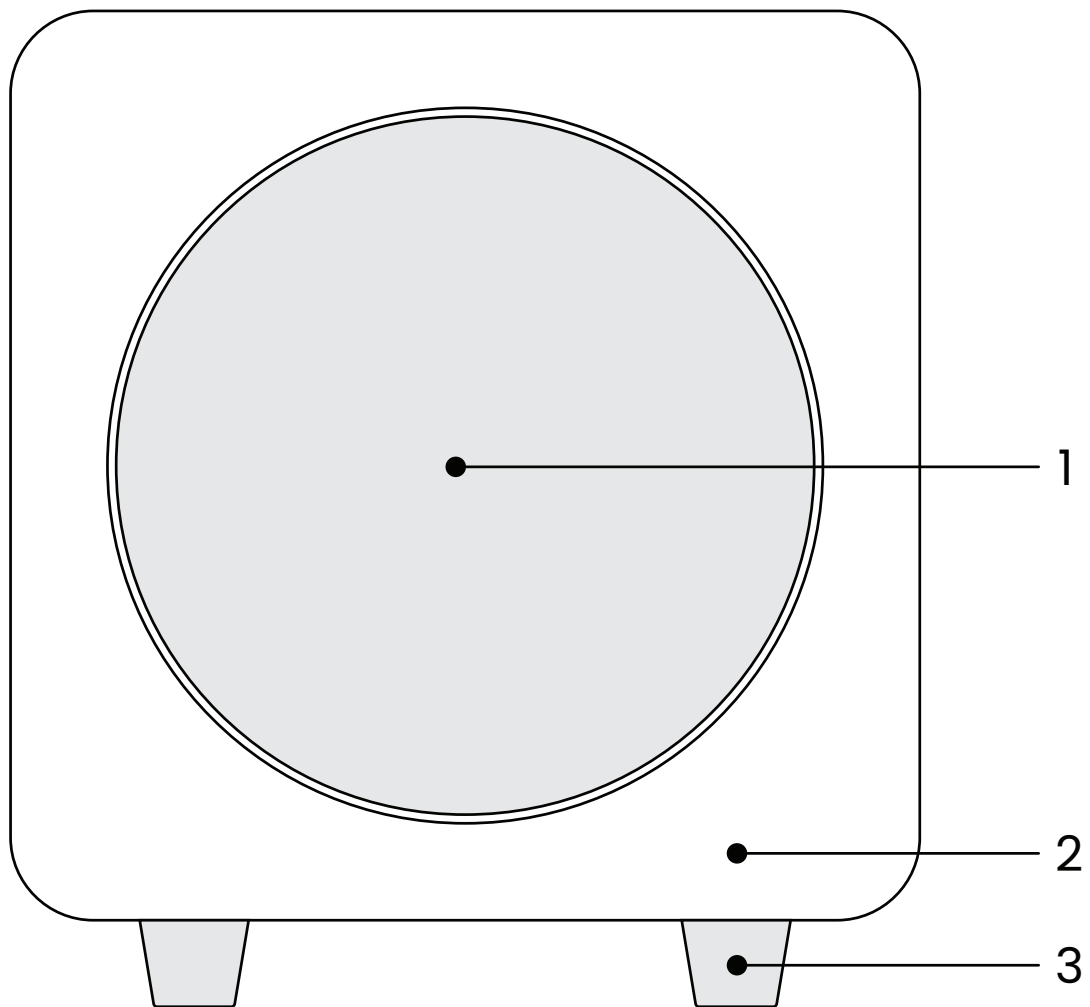
This powered subwoofer was carefully tested and inspected during production, and before packaging and shipping. After unpacking, please check for any damage. It is rare that a unit is damaged during shipping, but if this happens contact your retailer immediately. You can also contact Kanto directly.

## What's in the box?



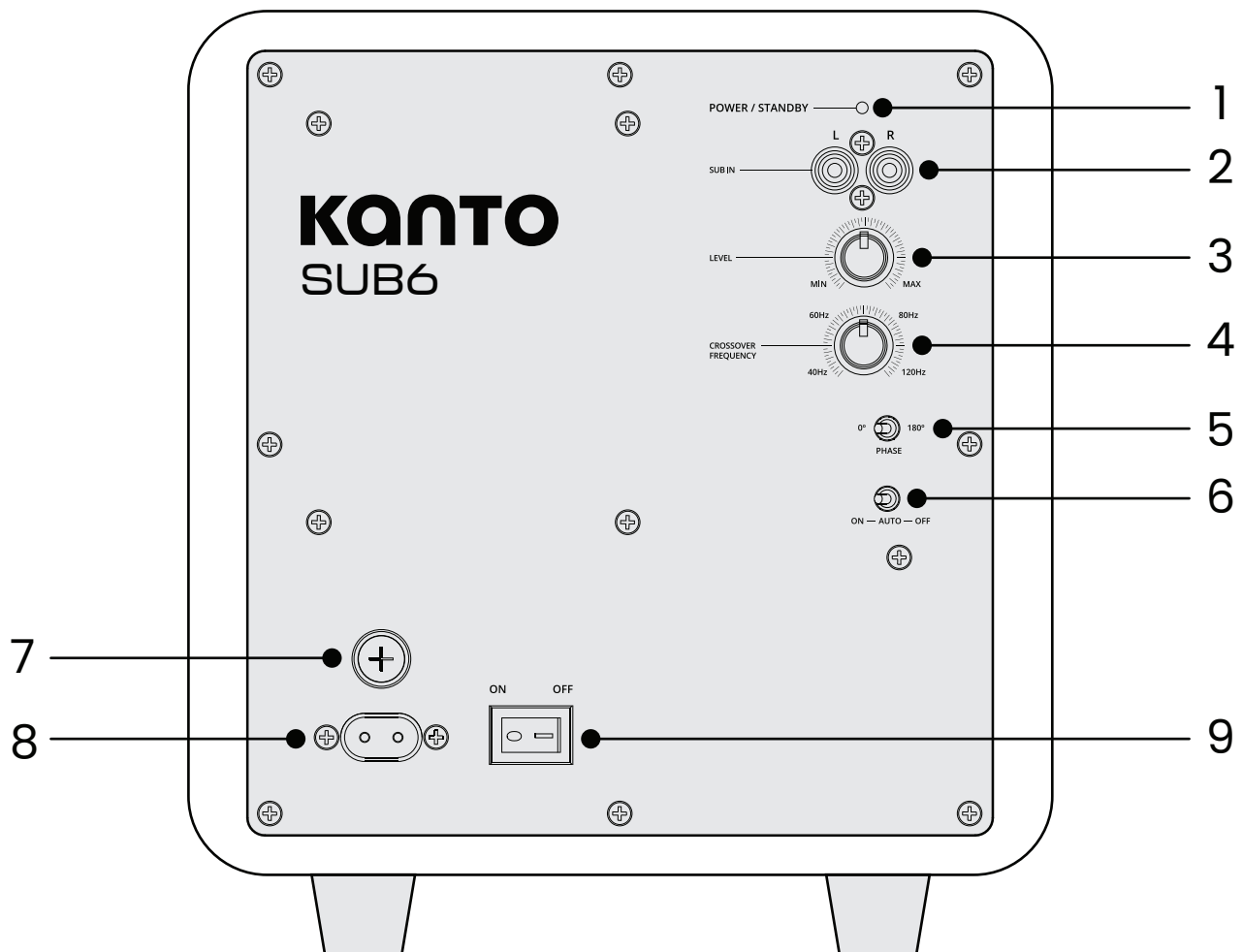
# Front Panel

- 1 6" Paper Cone
- 2 Engineered Wood Cabinet
- 3 Rubber Feet



## Rear Panel

- 1 LED  
Green - On  
Red - Standby
- 2 RCA Input
- 3 Level
- 4 Crossover
- 5 Phase Switch
- 6 Power Mode Switch
- 7 Fuse
- 8 AC Input Connection (100 V - 240 V)
- 9 On / Off Switch



## Setting up and connecting your Sub6.

Ensure that the On/Off Switch is in the Off position before connecting any component. As with all speakers, moving Sub6 close to room boundaries will enhance the bass frequencies but may muddy the sound. Room characteristics and positioning have a profound effect on the performance of the subwoofer, so time and effort devoted to achieving the optimum operating position will be rewarded.

Sub6 is equipped with a Left and Right RCA input and can be connected to audio components with a preamplifier output, or dedicated subwoofer output. If your amplifier, receiver, or powered speakers are equipped with a single RCA output, you can connect to either the Left or Right RCA input on Sub6. If your components are equipped with both L/R subwoofer outputs or L/R preamplifier outputs, we recommend connecting the component to Sub6 by using both Left and Right RCA Input channels.

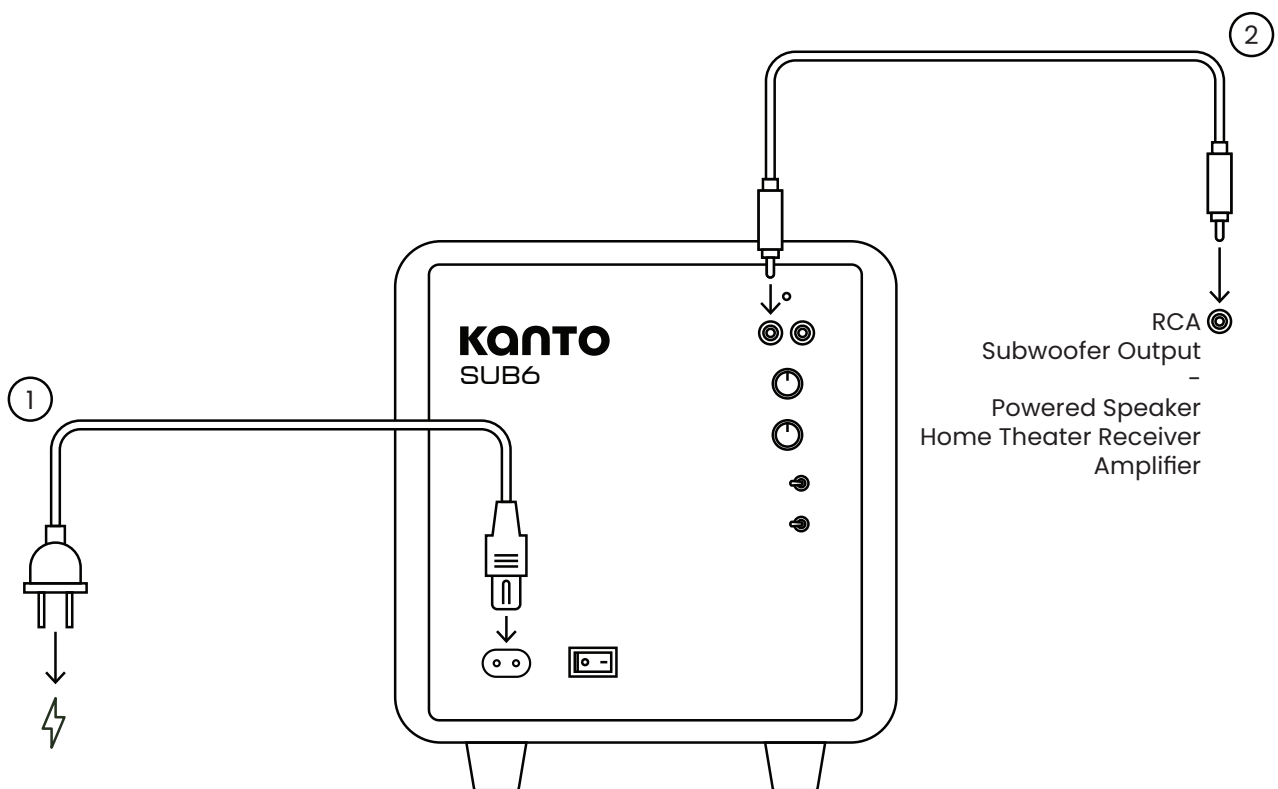
The Low-Pass Crossover is used to set the upper limit of the frequencies that Sub6 will reproduce, typically within the range of 40Hz-120Hz. Refer to your manufacturer's information for the cut-off frequency of your main speakers. If using Kanto powered speakers that apply a low-pass filter to their sub output, set Crossover to 120 Hz.

The Phase Switch is normally set to 0°. If Sub6 is positioned significantly farther from the main speakers or if the subwoofer is used in a stereo setup where the amplifier driving the main speakers inverts the phase signal, the 180° setting may be desirable. Listen with the switch in both positions and select the setting that gives the fullest sound. If in doubt, or if there is little difference, leave the switch set to 0°.

The Power Mode Switch has three settings - On, Auto, and Off. Choose On if you would like to keep Sub6 active at all times. Choose Auto if you would like Sub6 to detect incoming audio to power on automatically and enter standby after several minutes of inactivity. Choose Off if you'd like Sub6 to stay in standby.

Follow the instructions on the following page to connect your components to Sub6. The examples are not meant to be exhaustive.

## Setting up and connecting your Sub6.



**ATTENTION:**  
When connecting audio cables the ON/OFF Switch must be turned OFF. After connecting all cables, the unit can be turned ON.

# Audio Troubleshooting Guide

Frequently asked questions about Kanto's Sub6.

1. NONE OF THE LIGHTS ON THE REAR OF THE SUBWOOFER ARE ILLUMINATED.
  - Ensure the power cable is connected to the subwoofer and power outlet.
  - Ensure that the power outlet is providing power.
  - Verify that the power switch on the rear of the subwoofer is in the "On" position.
  - Check the fuse on the rear panel of the subwoofer to ensure it's intact.
2. THE GREEN LIGHT ON THE REAR OF THE SUBWOOFER IS ILLUMINATED BUT THERE'S NO AUDIO PLAYING.
  - Ensure audio source is playing audio.
  - Check that the audio cable connected to the source is firmly connected. Test another audio cable if available.
  - Verify that the volume of the subwoofer is not at it's minimum level.
3. YOU ARE EXPERIENCING POOR AUDIO QUALITY.
  - Set the source of the volume to a higher level and reduce the volume of the subwoofer. Low source volume can negatively affect dynamic range.
  - Test a different song or source to isolate the issue.
  - Adjust crossover to match the rest of the system.
4. SUBWOOFER IS GOING INTO STANDBY WHILE LISTENING TO AUDIO.
  - Set the volume of the source to its highest level. Low source volume can inadvertently trigger standby mode.
5. THERE'S NO AUDIO COMING FROM THE SUBWOOFER.
  - Check that the RCA cable connected to and from the subwoofer is firmly seated. Try a different cable or source to isolate the issue.
  - Make sure the subwoofer is connected to a power outlet and is set to "On" or "Auto".
  - Increase the volume of the subwoofer.
6. YOU ARE EXPERIENCING BUZZING, HISSING OR DISTORTION.
  - Ensure you are using an RCA to RCA subwoofer cable.
  - Verify if the noise is coming from the source by removing the source from the subwoofer.
  - Make sure it is not a power issue by trying a power outlet that is on a different circuit.
  - Check that the audio cable connected to and from the source is firmly seated. Try a different cable or source to isolate the issue.

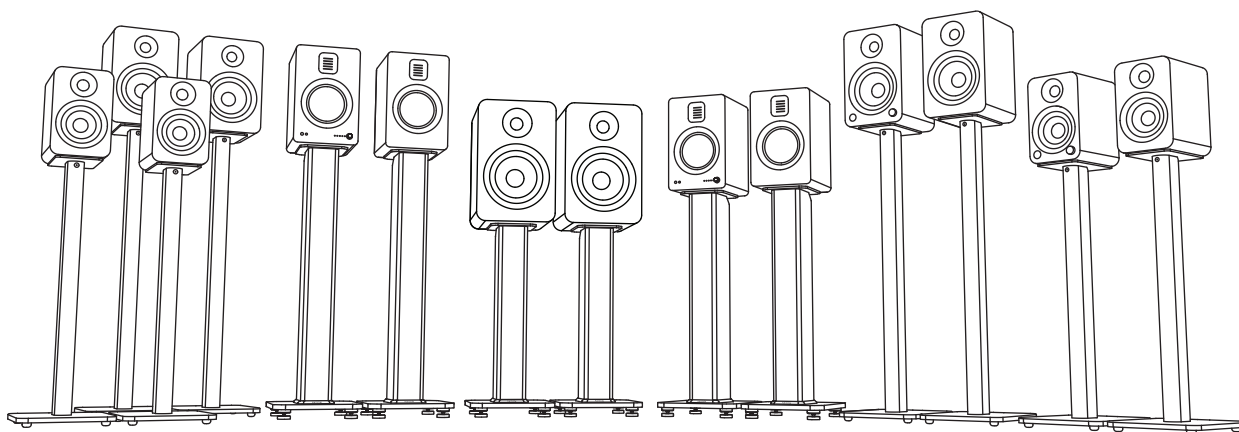
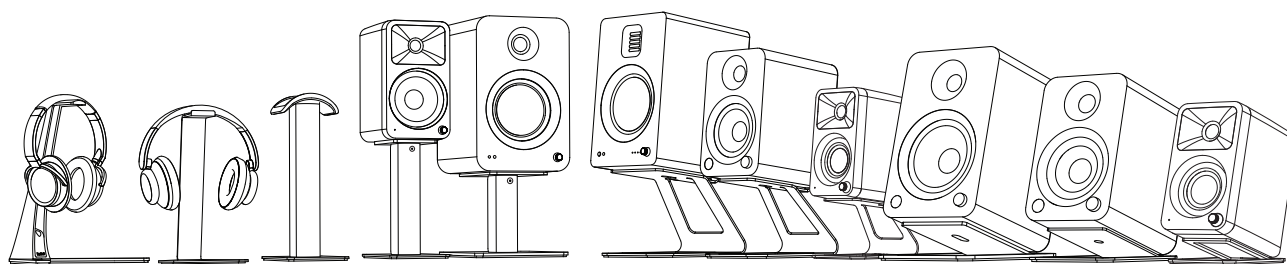


# Specifications

## SUB6

Woofer	6" paper cone
Amplifier Type	Class D
Power Output	200 W peak power (100 W total RMS)
Frequency Response	40 Hz – 175 Hz
Low-Pass Filter	40 Hz – 120 Hz
Phase Switch	0° and 180°
Inputs	1 x RCA (L/R)
Input Voltage / Frequency	AC 100 V – 240 V 50/60 Hz
Standby Power Consumption	< 0.5 W





## LIMITED WARRANTY

Kanto Living Inc. (Kanto) warrants the equipment it manufactures to be free from defects in material or workmanship for the limited warranty period of 2 years. This warranty is valid in the country of purchase.

If equipment fails and Kanto is notified within 24 months from the date of purchase with proof of original receipt from an authorized reseller, Kanto will, at its option, provide replacement parts, repair the original equipment, or replace the equipment, and be responsible for return shipping to the customer, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications. Any replacement parts repaired or replaced equipment are covered by the full warranty of the original purchase. The maximum liability of Kanto shall not exceed the actual purchase price paid by the original purchaser for the product.

If you purchased a Kanto product second-hand the limited warranty is fully transferable provided that you can furnish a copy of the original receipt to establish purchase date and the serial number on the product is intact.

Customers will be responsible for obtaining a Return Authorization Number through Customer Support and are responsible for return shipping costs to a Kanto location or authorized depot unless otherwise prohibited. Please keep the original packaging to prevent damage to the product during shipping. Kanto recommends insuring your shipment.

CUSTOMER SUPPORT: [support@kantoliving.com](mailto:support@kantoliving.com)

The information in the manual has been carefully checked and is believed to be accurate. However, Kanto assumes no responsibility for any inaccuracies that may be contained in the manual. In no event will Kanto be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect in the equipment, even if advised of the possibility of such damages. This warranty is in lieu of all other warranties expressed or implied, including without limitation, any implied warranty, including any warranty of merchantability and fitness for any particular purpose, all of which are expressly disclaimed.



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