Bluetooth®

Qualcomm® aptX™

kanto
YU
POWERED SPEAKERS

Supporting your digital lifestyle™

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

RISK OF ELECTRIC SHOCK
DO NOT OPEN

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 plug. A polarized plug has two blades with one wider than the other. The wide blade is provided for your safety. If the provided plug does not fit into your outlet consult an electrician for the 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.
- The equipment shall be used at maximum 45 degree C ambient temperature.
- Do not open the equipment to reduce the risk of electric shock. For safety reasons it is only allowed to be opened by qualified service personnel.
- Warning: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. And the 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.
- The MAINS plug or appliance inlet is used as the disconnect device and shall remain readily operable.
- The product shall be used on open bench.
- No naked flame sources, such as lighted candles, shall be placed on the apparatus.
- Minimum 10 cm distance around the apparatus for ventilation.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-clothes, curtains, etc.

FCC Notice:
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.

NOTE 1: 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

NOTE 2: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

Industry Canada Notice:
This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

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Introduction

Thank you for choosing YU Powered Speakers, designed by Kanto in Canada. YU outputs 140W peak power into 4 Ohm speakers, for remarkably bold and clean sound. Excellent sensitivity and frequency response provide deep thumping lows and clear, scintillating highs. YU is an amazingly flexible speaker system that can accept two input sources and connect to a subwoofer for enhanced low frequency response. Additionally, it is equipped with the high quality aptX™ **Bluetooth**® codec. YU has a universal input power supply and can be used worldwide from 100 Vac to 240 Vac.

We recommend you read all instructions carefully before using the system and keep them for future reference. Kanto cannot be liable for damage or injury caused by incorrect setup or use of this product.
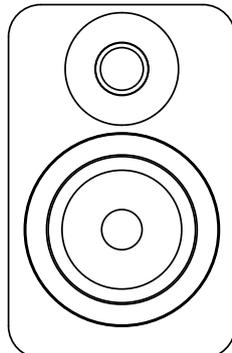
This powered speaker system was carefully tested and inspected during production, and before packaging and shipping. After unpacking, please check for any damage. It is rare that a unit is damaged during shipping, but if this happens contact your retailer immediately. You can also contact Kanto directly using one of the methods below.

Email: support@kantoliving.com
Toll Free: 1-888-848-2643

What's In the Box?
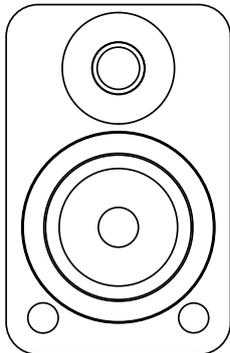
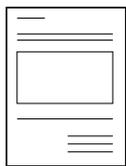| YU Active Speaker (Left Channel) | YU Passive Speaker (Right Channel) | YU Remote | 'AAA' Batteries x2 |

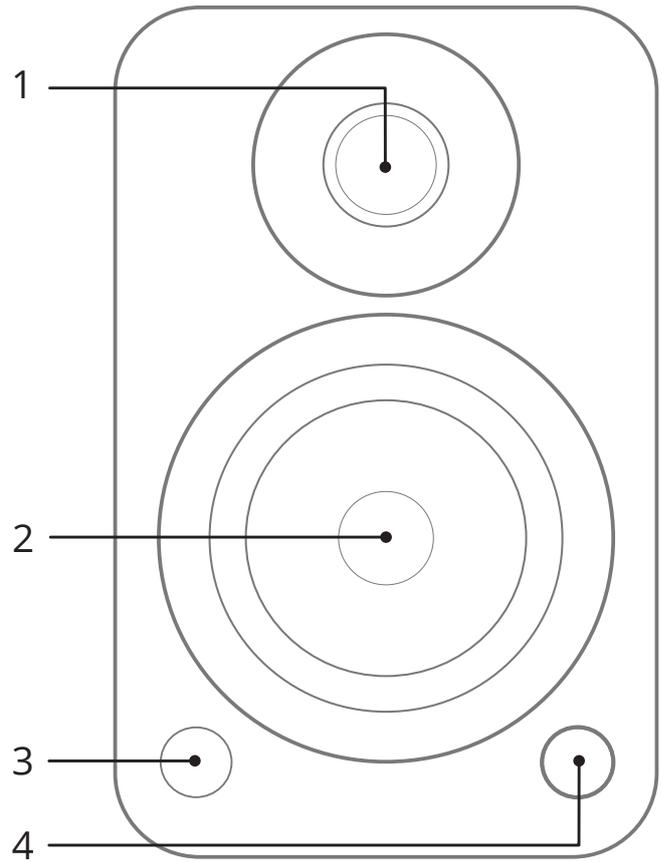| User Manuals x3 | Self-Adhesive Rubber Feet x8 | Power Cord | Speaker Wire |

Front & Rear Panels

FRONT PANEL

1 1" Silk Dome Tweeter

2 4" Kevlar® Woofer

3 LED
White	- Power on / Playback Mode
Yellow	- Standby (solid)
	- Mute (flashing)
Blue	-⍟Discover Mode (flashing)
	-⍟Paired (solid)

4 Volume / Input Select / Standby / Wake-up

REAR PANEL

5 RCA L/R Input

6 Subwoofer Output

7 Right Channel Output Terminals (+ and −) for Passive Speaker Connection

8 ON / OFF Switch

9 AC Input Connection (100 V - 240 V)
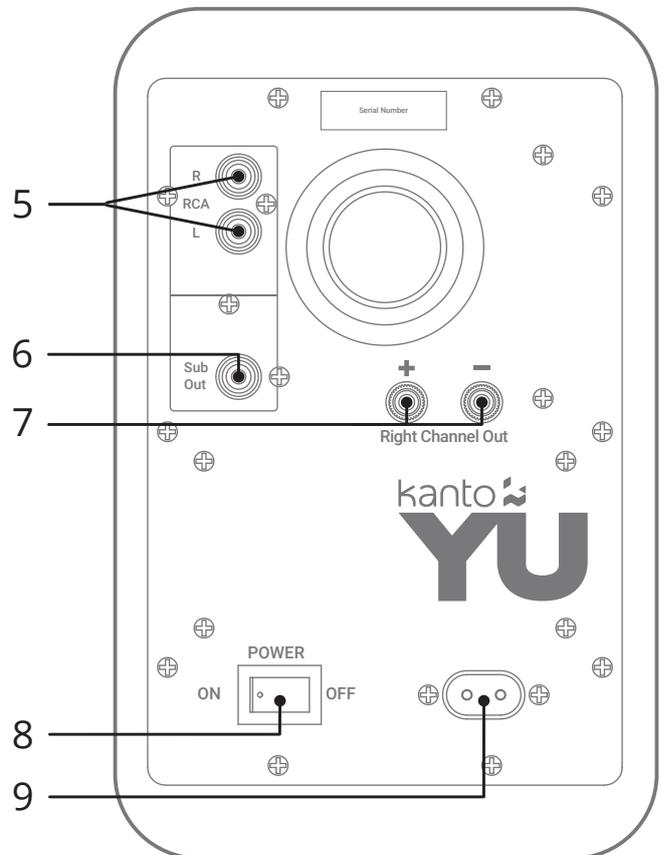
Volume / Input Select Knob

YU's volume knob functions as an input select knob as well.

Push the knob to toggle the input source between RCA and **Bluetooth**®, depending on what input was most recently used.

Push and hold the knob to enter standby or wake up from standby.

Remote Control

Install two supplied AAA batteries in the back of your YU remote. Remote Control functions are listed below.

1 Standby Button - press to enter Standby Mode or return to Playback Mode

2 RCA Input Select

3 **Bluetooth**® Input Select

4 **Bluetooth**® Reset

5 Increase Volume

6 Decrease Volume

7 Increase Bass Output

8 Decrease Bass Output

9 Reset Bass Output

10 Increase Treble Output

11 Decrease Treble Output

12 Reset Treble Output

13 Mute

14 Balance Control Left Channel

15 Balance Control Right Channel

16 Reset Balance (Left and Right Channels)

17 Previous Track (**Bluetooth**® Operation)

18 Next Track (**Bluetooth**® Operation)

19 Play / Pause (**Bluetooth**® Operation)
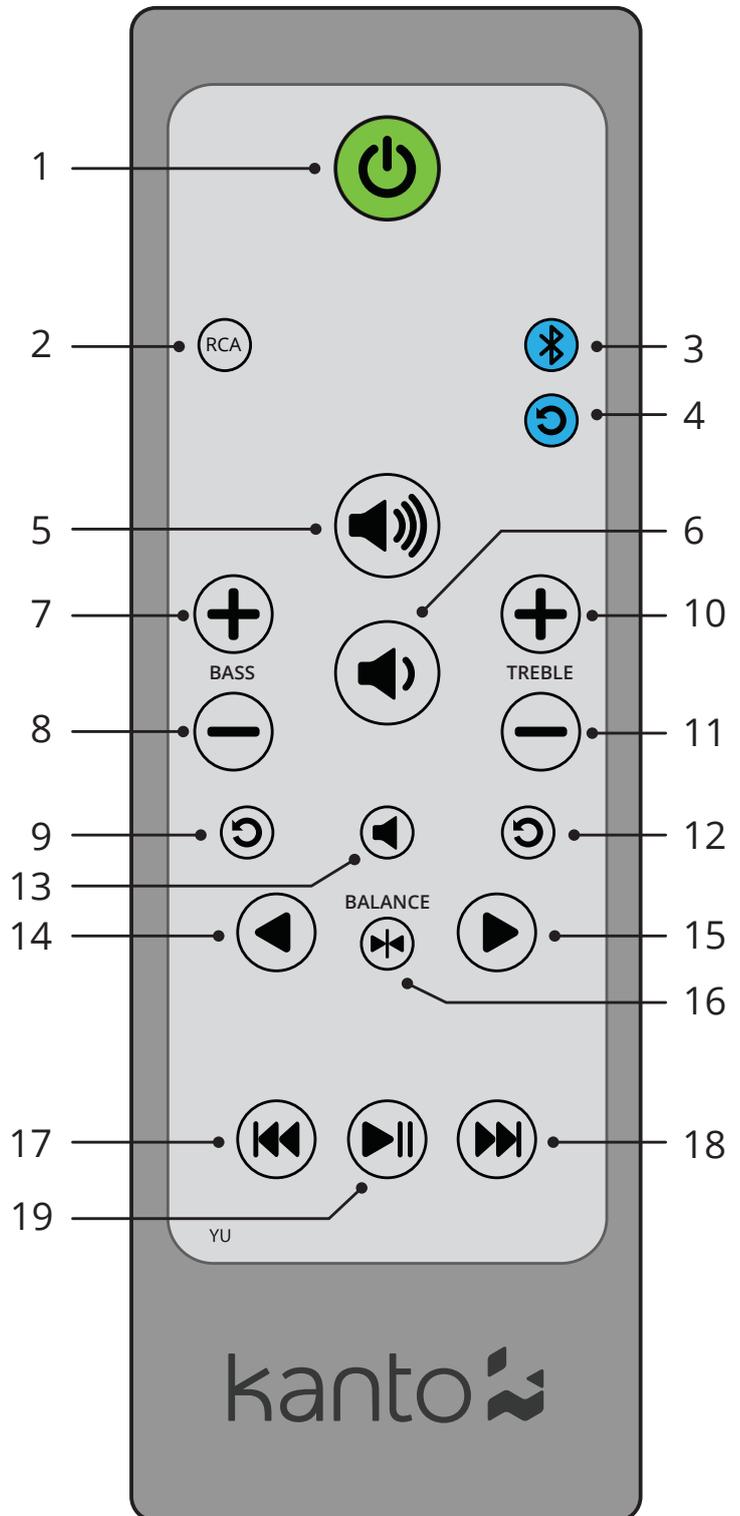
Setting Up Your Speakers

The YU powered speaker system is designed for either bookshelf or stand mounting. The stands should be of rigid construction. We recommend the Kanto SP26PL and SP32PL floor stands, or Kanto S4 and SP9 desktop stands to go with your YU.

The space between the two speakers and the distance from the listener is important. If the speakers are positioned too close or too far apart, stereo imaging will not be fully developed.

YU is designed to perform optimally positioned at least 8" from the rear wall in an average listening room. However, it may not be possible to install the speakers in this position and since rooms vary in shape, size, and furnishing, a certain amount of experimentation is necessary to determine the most suitable position.

Moving the speakers very close to the rear wall will enhance the bass frequencies but will tend to reduce soundstage depth, while moving the speakers away from the rear wall will tend to have the opposite effect. Avoid positioning the speakers close to or in the corners of the room, as this will excite undesirable room coupling in the low and middle frequencies. If the width of the rear wall is limited then toe-in the speakers slightly to reduce reflections. Room characteristics and positioning have a profound effect on the performance of the speakers, so time and effort devoted to achieving the optimum positions will be rewarded.

Ensure that the ON/OFF Switch is in the OFF position.

Connect the two speakers together as shown below using the supplied speaker cable. Connect the RED (+) and BLACK (−) terminals from the active speaker (left channel) to the corresponding terminals on the passive speaker (right channel). If you wish to place your speakers farther apart than the supplied cable will reach, we recommend that you purchase a heavier gauge of speaker cable to minimize signal loss.

Follow the instructions on the ensuing pages to connect your audio sources to YU.

Connect the power cord from YU's active speaker to the wall outlet.
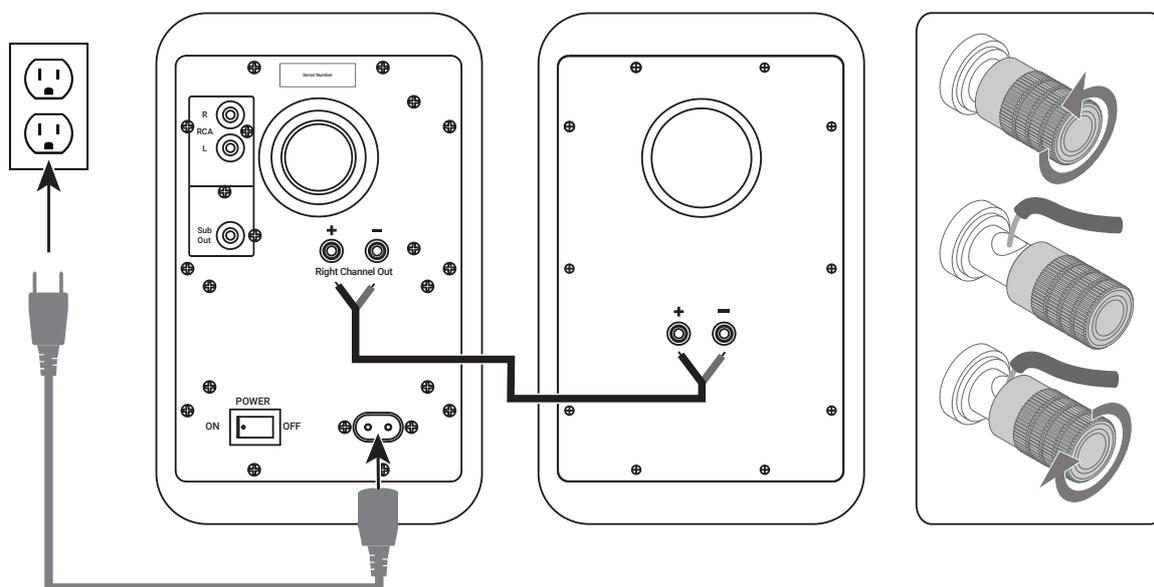
ATTENTION
When connecting audio cables the ON/OFF Switch must be turned OFF. After connecting all cables, the unit can be turned ON.
When the volume is high, this system can produce noise levels that could permanently damage your hearing. YU is a self-powered speaker system. Do not connect the speaker terminals to the speaker inputs of a stereo amplifier. Damage may occur. Use only the power cord provided with the speakers.

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Connecting Audio Sources

YU supports **Bluetooth**® 4.2 with Qualcomm® aptX™ technology.

Use the appropriate audio cable to connect your audio source components to the RCA connectors on the back of the active speaker.

Connecting a Subwoofer

YU is equipped with an RCA connector to provide output signal to a powered subwoofer. Simply connect a single RCA cable from the SUB OUT connection on the YU to the audio input on your subwoofer. If your subwoofer has a stereo L/R RCA input, either input will work.

We recommend the Kanto sub8 powered subwoofer with crossover and volume controls. Most quality subwoofers offer these controls, which allow you to customize the amount of bass you will experience.

Look for details on the Kanto website at: www.kantoaudio.com
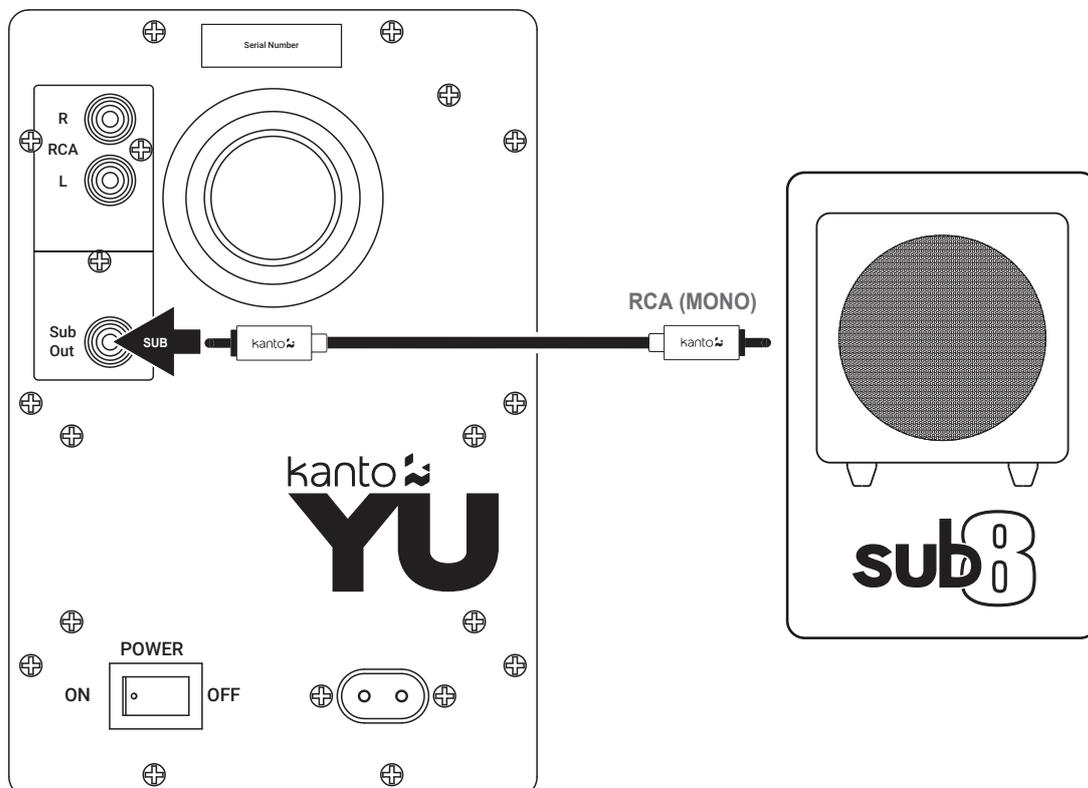
Auto Power-up (APU) / Auto Power-down (APD)

The YU is designed to save power when not in use. When no audio signal has been detected for 15 minutes, the YU Amp will put itself into stand-by mode (APD). If the audio signal returns via the same input that the YU was playing when it entered standby, the YU will wake up and resume playing (APU). It can also be woken up manually by:

• Pressing the Standby Button on the Remote

• Pressing the Control knob on the speaker

If you do not find the APU feature useful, you can disable it by pressing the Balance Reset button on the remote and holding it for 5 seconds. The Status LED will blink once to indicate that you have disabled the APU feature. To enable the APU if you have disabled it, simply press and hold the Balance Reset button again for 5 seconds. The Status LED will blink twice to indicate that you have enabled the APU.

If you do not find the APD feature useful, you can disable it by pressing the Bass Reset button on the remote and holding it for 5 seconds. The Input LED will blink once to indicate that you have disabled the APD feature. To enable APD if you have disabled it, simply press and hold the Bass Reset button again for 5 seconds. The Input LED will blink twice to indicate that you have enabled APD.

These settings will revert to factory defaults if the power switch is turned off or the unit is unplugged.

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Bluetooth® Pairing

YU features **Bluetooth**® 4.2 with Qualcomm® aptX™ technology. YU can be paired with many devices for wireless audio playback from your phone, MP3 player or tablet. Pairing is easy.

1. Press the **Bluetooth**® button (●) on YU's remote to select it as the input source. The Bluetooth LED (blue) will flash to indicate that YU is in pairing mode.

2. Enable your **Bluetooth**® device to search for a new device to pair with. Select 'YU by Kanto' from the list of Bluetooth devices available for pairing.

3. If pairing is successful, the **Bluetooth**® LED (blue) will remain solid. You will not need to pair the same Bluetooth device again - 'YU by Kanto' will remain on your device list until the YU is paired with a different **Bluetooth**® device.

4. If the device does not pair with YU, turn the speaker's ON/OFF Switch to the OFF position. Turn the speakers back on, then repeat steps 1 to 3. Alternatively, you can press the **Bluetooth**® reset button (●) on the remote or turn off **Bluetooth**® on your device and turn it back on again.

Bluetooth® Operation

1. We recommend keeping a maximum distance of less than 10 meters (33 ft) between the speaker and your device. The best signal fidelity is within this range.

2. You can stream audio from your device to the speaker using either the player control buttons of your device or the control buttons of the remote control (see diagram of Remote Control on page 5 of this manual – buttons #17, #18, and #19).

3. Take note of the following behavior and functionality during **Bluetooth**® operation. When you are successfully connected, the Blue LED will be lit solid, and your device will show as connected to 'YU by Kanto'.

    •   The connection between speaker and device remains active even if input source has changed. For instance, you can switch to the RCA input source and return to **Bluetooth**® operation without losing signal connection and, therefore, do not need to pair with the device again.

    •   When the speaker is put in Standby mode or powered OFF, **Bluetooth**® connection with the device is lost. When the speaker returns to Playback mode, the **Bluetooth**® connection between the speaker and device is re-established. However, you may notice a choppy playback signal for approximately 30 seconds after reconnection. It will normalize.

    •   While the speaker can be paired with more than one device, only one device can play and transmit audio signal at a time.

4. The YU remote control features a **Bluetooth**® Reset button to quickly disconnect a paired device and allow a second device to pair with the speaker (button #4 on the Remote Control diagram on page 5).

    •   Press **Bluetooth**® Reset button to disconnect a paired device.

    •   Follow the pairing instructions to pair another device.

    •   The same behavior and functionality apply to the second device.

Audio Troubleshooting Guide

Frequently asked questions about Kanto's YU speakers.

1. **None of the lights on the front panel are illuminated.**
   - Make sure the power cable is connected to the speaker and power outlet.
   - Ensure that the power outlet is providing power.
   - Verify that the power switch on the rear of the speaker is in the "On" position.

2. **The white light on the front panel is illuminated but there's no audio playing.**
   - Make sure the correct input is selected. Click the knob on the front of the speakers to cycle through the two different inputs or use the remote to choose the correct input.
   - Set the volume of the source to its highest level. Ensure audio source is playing audio.
   - Check that the audio cable connected to and from the source is firmly connected. Test another audio cable if available.
   - Verify that the volume of the speaker is not at its minimum level. Turn the volume up using the knob on the front or the volume controls on the remote.

3. **Audio is only playing through one speaker.**
   - Reconnect the speaker wire between the active speaker and passive speaker and ensure the ends of the speaker wire are fastened securely through the binding posts.
   - Check that the audio cable connected to and from the source is firmly seated. Try a different cable or source to isolate the issue.
   - Ensure that the balance setting on the source is centered. Some sources may not have an adjustable balance setting.
   - Ensure that the balance setting on the speakers is centered by using the balance reset button on the remote.

4. **Your remote is not functioning correctly.**
   - Ensure there is a clear line of sight from the remote to the speakers. Aim the remote at the speakers.
   - Check battery compartment of remote to make sure the batteries are installed and aligned correctly.
   - Replace batteries.

5. **Speakers are 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.

6. **You are experiencing poor audio quality.**
   - Set the volume of the source to its highest level. Low source volume can negatively affect dynamic range.
   - Verify that the speaker wire is connected to the same color terminals on the active speaker and passive speaker.
   - Ensure that the rear of the speaker is spaced away from the wall by at least 8 inches, allowing the rear port function to be left unimpeded.
   - Set the bass and treble levels to the default setting by pressing the Bass/ /Treble Rreset button on the remote.
   - Test a different song or source to isolate the issue.

7. **The source will not connect to Bluetooth®.**
   - Ensure the speakers are in **Bluetooth®** mode by clicking the **Bluetooth®** button on the remote or cycle through the inputs by clicking the knob on the front of the speakers until the blue light on the front panel of the speakers starts flashing.
   - Make sure the blue light on the front panel of the speakers is flashing, indicating the speakers are in pairing mode. If the blue light is solidly lit, click the Bluetooth reset button on the remote to unpair a previously used device.
   - On the source, turn **Bluetooth®** off and on again.
   - If the speakers cannot be found while searching for devices on the source, turn off the speakers using the power switch on the rear of the speaker. Switch them back on and try these steps again.

8. **You are experiencing buzzing, hissing or distortion.**
   - Verify if the noise is coming from the source by removing all sources from the speakers.
   - 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.

9. **There's no audio coming from an attached 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.

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Specifications

Tweeters	1 inch Silk Dome
Woofers	4 inch Kevlar®
Nominal Impedance	4 Ohm
Amplifier Type	Class D
Power Output	140 Watts Peak
Input Sensitivity	560 mV
Total Harmonic Distortion	< 0.25%
Crossover System	2-way
Crossover Frequency	2.0 kHz
Frequency Response	60 Hz – 20 kHz
Inputs	1 x RCA L/R
	1 x **Bluetooth**® 4.2 with Qualcomm aptX™
Outputs	1 x Subwoofer
Speaker Terminals	Left and Right Binding Posts
Input Voltage / Frequency	AC 100 V - 240 V 50 / 60 Hz (auto switching)
Standby Power Consumption	< 0.5 W
Remote	Included
Dimensions (each speaker)	W 5.5"x H 8.7" x D 7.5" (140 x 220 x 190 mm)
Net Weight (Active)	6.2 lb (2.8 kg)
Net Weight (Passive)	5.3 lb (2.4 kg)
Gross Weight	14.6 lb (6.6 kg) (boxed pair)

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NOTICE: *This appliance is labeled in accordance with European Directive 2002/96/EC 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.*

MANUFACTURER AND IMPORTER:
Kanto Living Inc., 9136 196A Street, Langley, BC, Canada V1M 3B4

Kanto

YU4

TUK

YU6

sub8

SP26PL   SP32PL
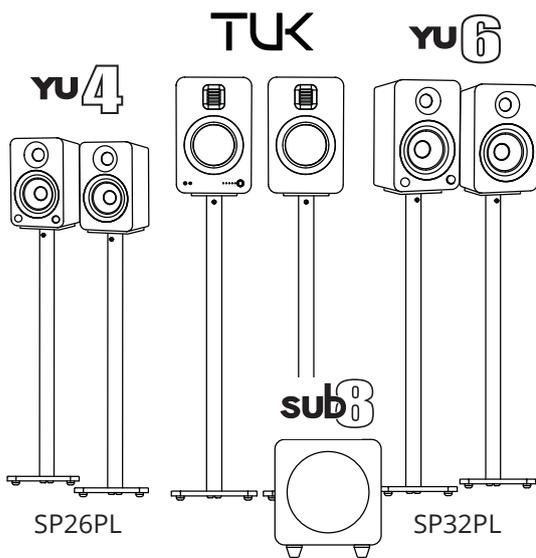
www.kantoaudio.com

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Limited Warranty to Original Purchaser

Kanto Living Inc. (Kanto) warrants the equipment it manufactures to be free from defects in material for the limited warranty period of 2 years.

If equipment fails because of such defects and Kanto is notified within 2 years from the date of shipment with proof of original invoice from an authorized reseller, Kanto will, at its option, provide replacement parts or replace the equipment, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications. Any replacement parts or replacement units are warranted for 90 days from the day of reshipment to the original purchaser.

Customers will be responsible for obtaining a Return Authorization Number and paying shipping costs to return product to a Kanto location or authorized depot. If the equipment is covered under the warranty provisions above, Kanto will replace parts or provide a replacement unit, and be responsible for shipping costs to the customer. Please keep the original packaging to prevent damage to the product during shipping. Insuring your shipment is also recommended.

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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