

Rialto⁶⁰⁰TM

USER MANUAL 



HIGH POWER AUDIOPHILE AMPLIFIER
WITH DAC AND PREAMP VOLUME CONTROL

AudioControl

Making Good Sound Great™

Be Safe! - Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this product near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with manufacturers instructions.
8. Do not install near any heat sources such as radiators, stoves or any other apparatus (including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Do not 'Hot Plug'. When changing inputs or outputs, switch the Rialto 600 off before making changes. Once changes have been made, then switch the Rialto 600 back on.
12. Unplug this product during lightning storms or when unused for long periods of time which we hope will be rarely!

13. 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.
14. This apparatus shall not be exposed to dripping or splashing, and no object filled with liquids, such as vases or glasses, shall be placed on the apparatus.



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 of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance



Caution: to reduce the risk of electric shock, do not remove the top cover. There are no user-serviceable parts inside. Refer servicing to qualified personnel.

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 the 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.

CAUTION: Changes or modifications to this device not expressly approved by AudioControl Inc. could void the user's authority to operate the equipment under FCC rules.



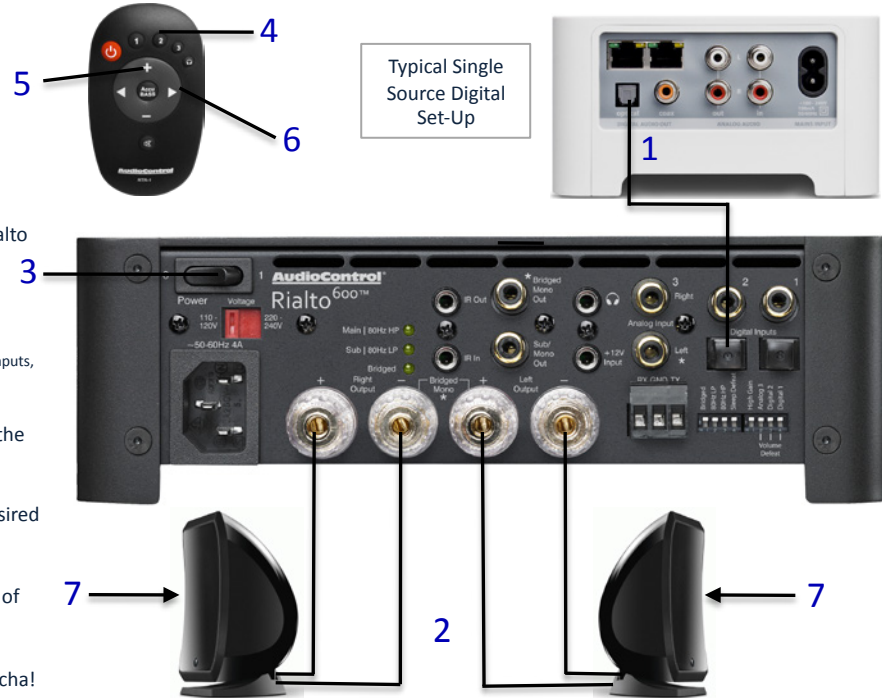
Recycling notice: If the time comes and this apparatus has fulfilled its destiny, do not throw it out into the trash. It has to be carefully recycled for the good of mankind, by a facility specially equipped for the safe recycling of electronic apparatus. Please contact your local or state recycling leaders for assistance in locating a suitable nearby recycling facility. Or, contact us and we might be able to repair it for you.

Quick Start - Getting Started

Up and running in a flash!

Welcome! It takes just a few steps to get your AudioControl Rialto 600 up and running. The steps below are explained in more detail throughout this user manual.

1. Connect one source component (i.e. Digital Music Player, SONOS™ CONNECT, Television, Receiver, CD Player, Xbox, Toaster etc.) to the Rialto 600 to one of the analog or digital inputs.
2. From the Rialto 600 connect to a pair of your favorite speakers.
3. Turn on the Rialto 600 using the power switch (Note: Whenever connecting inputs, switch the Rialto 600 off first, make changes and then switch it back on).
4. Using your Remote Control select the desired source input related to the input you have connected to on the Rialto 600.
5. Using your Remote Control, adjust the volume of the input to your desired level.
6. Using your Remote Control, adjust AccuBASS™ to the desired amount of bass response to add bass and richness back to your music.
7. Enjoy *Making Good Sound Great* from the Rialto 600 and do the Cha-cha!



Hello! - Introduction and Contents

Thank you and congratulations for purchasing your AudioControl Rialto 600.

This User Manual is your guide to installing and using the Rialto 600 Amplifier and DAC, including information on its more advanced features. The Contents Table will help you navigate to the area of the manual you are looking for. It is a good idea to read the whole manual in order to acclimatize yourself with the full workings and features of the Rialto 600 and to keep the technical writer's Mom happy!

Established in Seattle nearly four decades ago, we have always been dedicated to designing, engineering and building world-class audio products from the ground up. In the process, we've earned a reputation worldwide for operating at the highest levels of reliability and performance with a mission of **'Making Good Sound Great'**.

We trust that you will get many years of satisfying and trouble-free operation from the Rialto 600. If you require more information about the Rialto 600 or any of our AudioControl products, visit our website at www.audiocontrol.com or contact us at sound.great@audiocontrol.com. In addition, do not hesitate to talk to our dealers worldwide or contact us directly at our Seattle base in the rainforests of the Pacific Northwest, USA. The days can be rainy and cold but there is always a warm welcome and a hot cup of coffee available all year round.

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Ready to Rumble! - A Quick Look at the Rialto 600

AudioControl's Rialto 600 is the first in a new class of compact, high-powered amplifiers with a built-in audiophile-grade DAC designed specifically to provide greater performance and higher sound quality for all analog and digital systems, including streaming audio components like Sonos® home entertainment.

The Rialto 600's powerful amplifier delivers 100 Watts of power per channel into 8 Ohms and 200 Watts per channel into 4 Ohms. Additionally, the Rialto 600 can be bridged to perform as a 400 Watt mono-block amplifier.

The state of the art Rialto 600 features a built-in high-performance Wolfson® DAC (digital to analog converter) that dramatically improves audio quality and performance.

Digital and analog audio-systems can now reach their full potential across the whole house whether the speakers are free-standing, in-wall, in-ceiling, invisible, desktop, gaming, in the garden shed etc.

Equipped with AudioControl's unique patent-pending AccuBASS™ circuitry, the Rialto 600 also rejuvenates the bass response lost in most digital compression schemes. This results in a richer and fuller audio performance with better bass and mid-bass response.

In addition, the Rialto 600 acts as a pre-amplifier allowing for volume control, AccuBASS™ and input selection to be effortlessly controlled from its own RTR-1 Remote Control, from a third-party control system or another Remote Control.

The net effect is that you will enjoy a more complete listening experience and hear music with a richness and vibrancy much closer to the way the artist intended their music to be enjoyed.



Setting the Scene - Installation Guidelines

Placing the Unit

- ♪ The Rialto 600 is a compact yet high performance amplifier and audiophile DAC. As such, the Rialto 600 delivers incredible sound performance.
- ♪ Care should be taken in finding the best location to place the unit for optimal performance.
- ♪ The Rialto 600 loves speakers and can be situated to fit in with any speaker set up from the most powerful free-standing speakers to the smallest desktop configuration.
- ♪ As with all products made in the USA by AudioControl, the Rialto 600 should not be deep fried or sautéed!



Placement

- ♪ This may be as good a time as any to have “the talk” about ventilation. The Rialto 600 features cool-running efficient switch mode power supplies and Class D amplifiers. It is still an amplifier, and therefore requires good ventilation to cool.
- ♪ Place the Rialto 600 on a level, firm surface, avoiding direct sunlight and sources of heat and damp.
- ♪ Do not place the Rialto 600 on top of another power amplifier or other source of heat.
- ♪ Do not place the Rialto 600 in an enclosed space such as a bookcase or closed cabinet unless there is good provision for ventilation. The Rialto 600 will run warm during normal operation.
- ♪ Do not obstruct the ventilation vents on the back or base of the unit. “It likes to breathe.”
- ♪ Do not place the unit on carpet, large hairy dog or any thick material that could block the vents.

Speakers

- ♪ The Rialto 600 is designed to work with all 8 Ohm and 4 Ohm speaker set-ups. The Rialto 600 is versatile and flexible and works with the following speaker installations and more!
- ♪ Free-standing speakers.
- ♪ In-wall and in-ceiling speakers.
- ♪ Invisible speakers – In-Wall and In-ceiling.
- ♪ Extra zone speakers including outdoor.
- ♪ Televisions and sound bars.
- ♪ Desktop speakers and gaming set-ups.
- ♪ And more..... The Rialto 600 loves speakers and speakers love the Rialto 600!

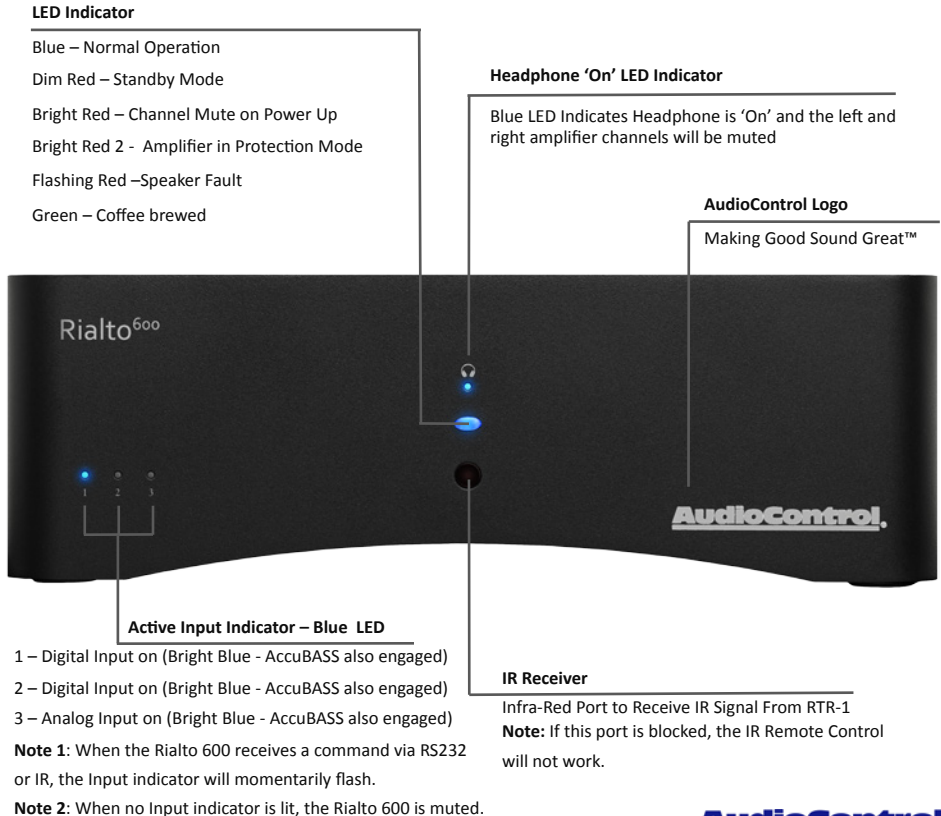
Cables

- ♪ We recommend the use of high-quality analog and/or digital cables. All cables should be kept as short as practically possible. Power cabling should be kept as far away as possible from audio cables.

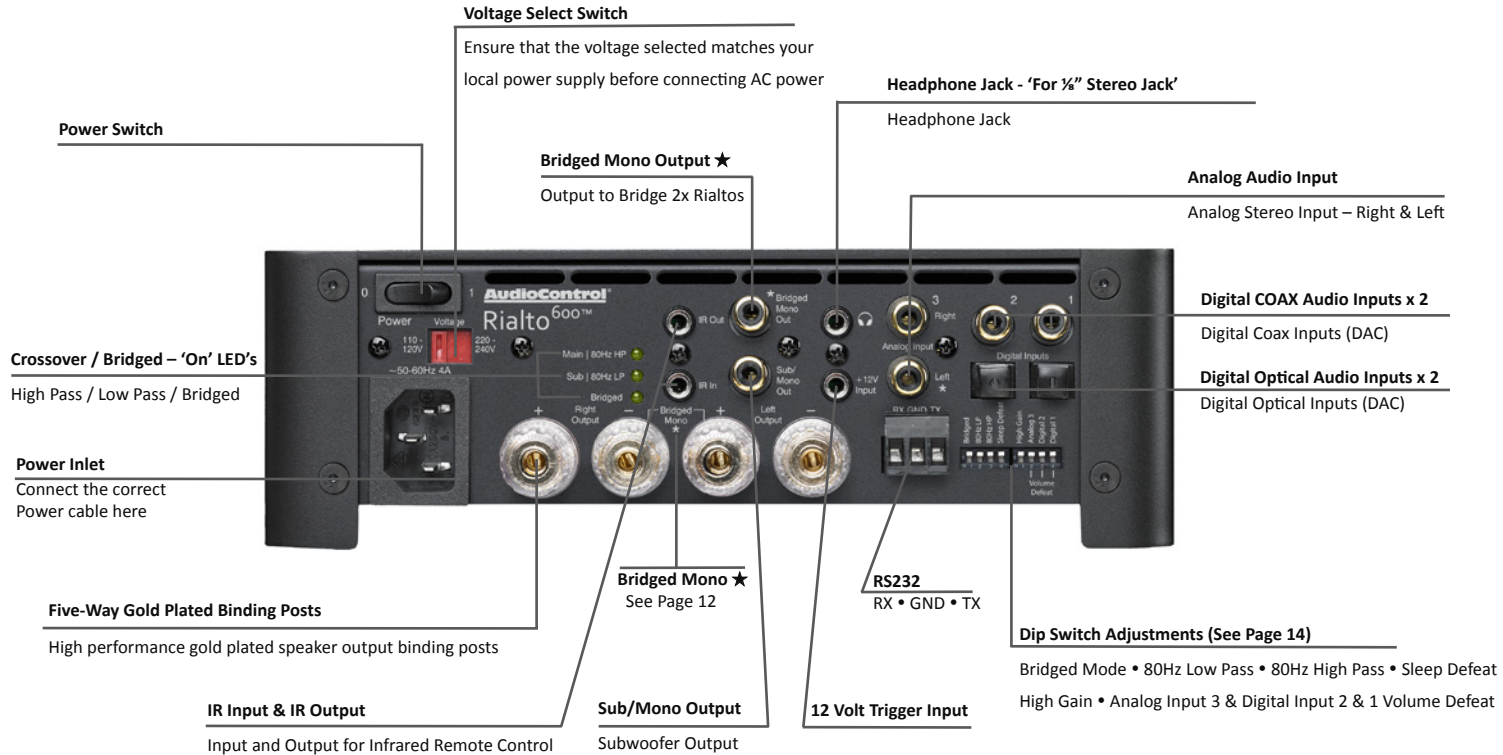
Rialto 600 – Front Panel

Flexibility and Versatility at its Best

- ♪ The Rialto 600 has numerous inputs for a variety of entertainment sources. These sources can be digital or analog as there are a multitude of inputs for both.
- ♪ When setting up the Rialto 600, it should be located between the source unit and the speakers in a convenient and safe place following the guidelines in this user manual.
- ♪ Components that can connect to the Rialto 600 and have their performance dramatically improved include:
 - ♪ All Speakers in a variety of designs, specs and Ohms!
 - ♪ Digital Music Systems like SONOS
 - ♪ Televisions and screens
 - ♪ Analog and Digital Audio Sources
 - ♪ Computers and Laptops
 - ♪ Gaming Consoles
 - ♪ Any room requiring additional/improved amplification



Rialto 600 – Back Panel



Single Source Simple Set-Up

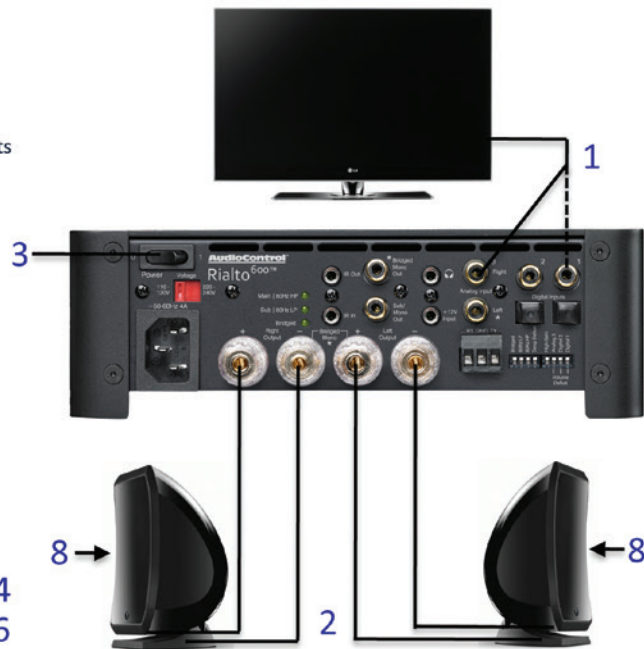
Typical Single Source Set-Up – TV

1. Connect one analog or digital source to the Rialto 600 using the right (R) and left (L) analog RCA jacks (Analog) or one of the digital COAX or Optical Inputs.
2. From the Rialto 600 connect a pair of your favorite speakers to the right and left speaker outputs ensuring that polarity matches.
3. Turn on the Rialto 600 by pressing the power on switch!
(Note: Whenever connecting inputs, switch the Rialto 600 off first, make changes and then switch it back on).
4. Using your RTR-1, select the input state required 1 = Digital; 2 = Digital; 3 = Analog.
5. With your RTR-1, adjust the volume to the desired level using the + or – controls.
6. Engage AccuBass™ by pressing the middle button of the RTR-1 (Note that when AccuBass™ is engaged the blue LED input on the front panel will shine, like a bright star in the night sky).
7. Adjust the amount of bass response using the RTR-1 < or > AccuBASS™ buttons to add bass and richness back into your music.
8. Enjoy Making Good Sound Great with the Rialto 600.

Note: The Rialto 600 allows you to have multiple sources connected to the various analog and digital inputs. These can then be selected using the RTR-1 based on the desired input.



RTR-1 Rialto 600 Remote Control



Three Source Simple Set-Up

Typical Three Source Set-Up – TV

1. Connect a digital source to the Rialto 600 using one of the the digital COAX or Optical Inputs.
2. Connect a second digital source to the Rialto 600 using one of the digital COAX or Optical Inputs.
3. Connect an analog source to the Rialto 600 using the right (R) and left (L) analog RCA jacks.
(Note: AudioControl has taken the liberty of including in the box a RCA to 1/8" adaptor ☺)
4. From the Rialto 600 connect a pair of your favorite speakers to the right and left speaker outputs ensuring that polarity matches.
5. Turn on the Rialto 600 pressing the power on switch!
(Note: Whenever connecting inputs, switch the Rialto 600 off first, make changes and then switch it back on).
6. Using your RTR-1, select the input state required 1 = Digital; 2 = Digital; 3 = Analog.
7. With your RTR-1, adjust your volume to the desired level using the + or – controls.
8. Engage AccuBass™ by depressing the middle button the RTR-1 (Note that when AccuBass™ is engaged the blue LED input on the front panel will shine brighter like a bright star in the night sky).
9. Adjust the amount of bass response using the RTR-1 < or > AccuBASS™ buttons to add bass and richness back into your music.
10. Enjoy Making Good Sound Great with the Rialto 600.

Note: The Rialto 600 allows you to have multiple sources connected to the various analog and digital inputs. These can then be selected using the RTR-1 based on the desired input. Additional adjustments to the audio performance can be made using all features of the Rialto 600. The Rialto 600 will conveniently remember all Volume and AccuBASS™ settings for each input.



RTR-1 Rialto 600 Remote Control

2.1 Speaker Set-Up and 4.1 Parallel Speaker Configuration

Speaker Configuration

The Rialto 600 has been designed to equalize and improve the performance of all speaker set-ups. The power of the amplifier combined with the audio performance and quality of AudioControl's Wolfson engineered, digital to analog converter (DAC) results in a dramatic improvement in the performance of all speaker set-ups throughout the house.

Shown on the right are just two of the many types of speaker configurations that the Rialto 600 can work with. Additional speaker set-ups can take advantage of the Rialto 600 amplifier's stability at 4 Ohms powering four speakers.

In addition, the Rialto 600 can be used as an incredible Mono amplifier with power ratings up to 400 Watts (see next page).

2.1 Speaker Set-up

- ♪ The standard set-up for a 2.1 speaker system with two 4 or 8 Ohm speakers plus a powered subwoofer.



4.1 Speaker Set Up – 8 Ohm Speakers

- ♪ The standard set-up where four 8 Ohm speakers are parallel connected into two channels.



Dual Mono & Powered Subwoofer Set-Up

Speaker Configuration

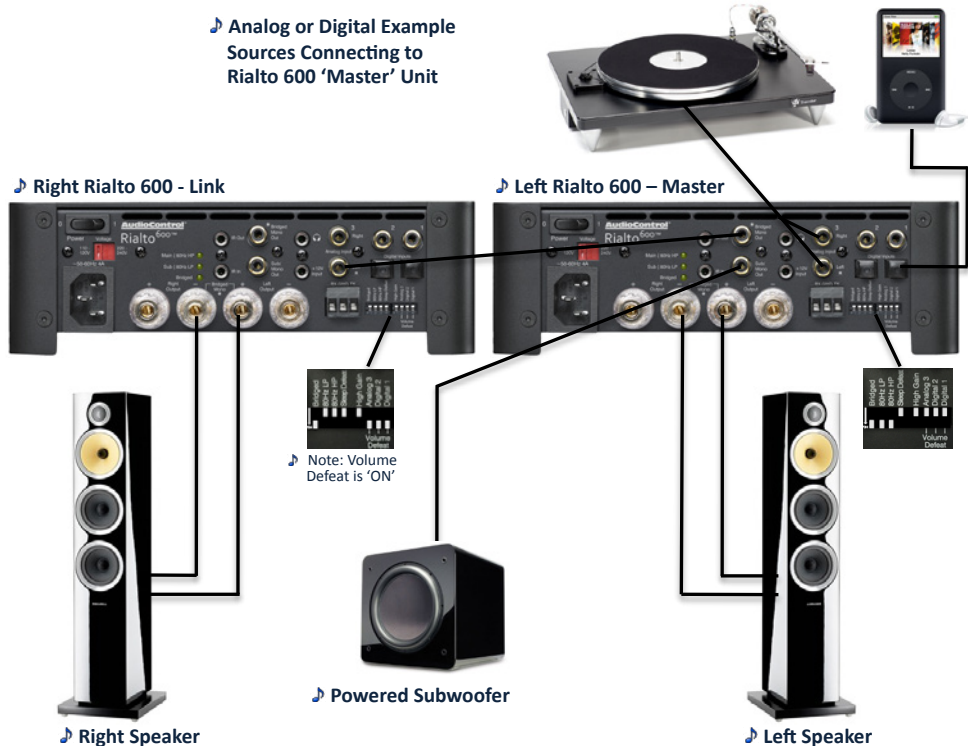
The Rialto 600 has been designed to equalize and improve the performance of all speaker set-ups. The power of the amplifier combined with the audio performance and quality of AudioControl's Wolfson engineered, digital to analog converter (DAC) results in a dramatic improvement in the performance of all speaker set-ups throughout the house.

This system shows two Rialto 600 amplifiers used in Bridged Mono mode to produce 400 Watts per speaker into 8 Ohms.

A powered subwoofer is also shown. The Rialto 600 crossover can also be used to reduce the bass playing in the main speakers and let it play in the powered subwoofer instead.

The left Rialto 600 is the Master unit where all connections and adjustments are made.

♪ Analog or Digital Example Sources Connecting to Rialto 600 'Master' Unit



Stereo & Single Passive Subwoofer Speaker TV Set-Up

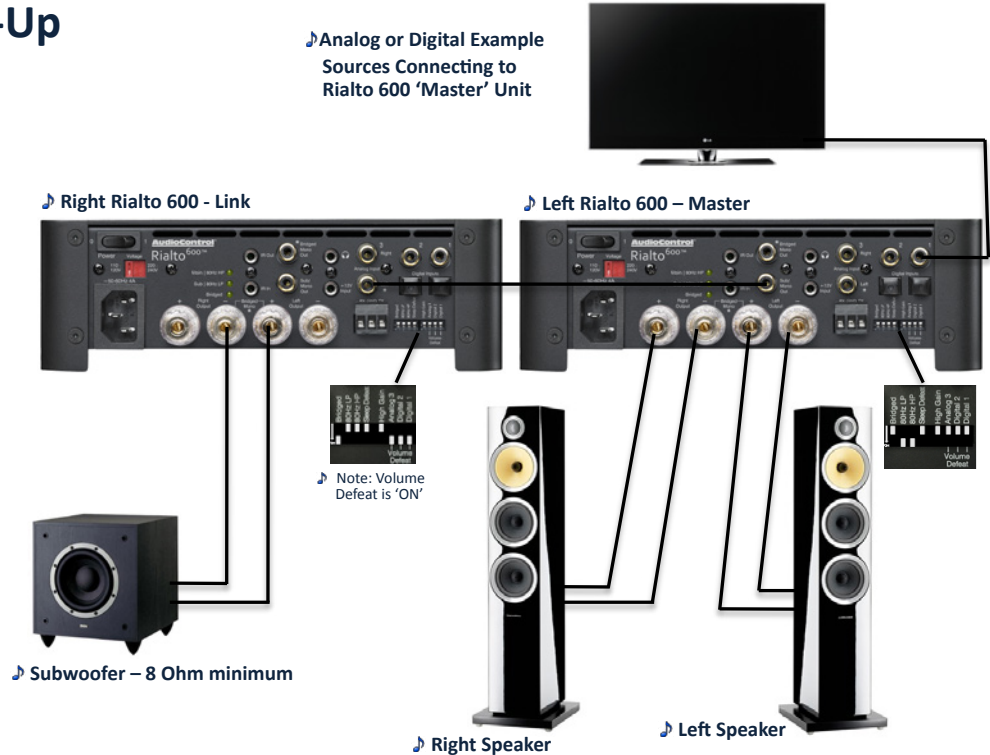
Speaker Configuration

The Rialto 600 has been designed to equalize and improve the performance of all speaker set-ups. The power of the amplifier combined with the audio performance and quality of AudioControl's Wolfson engineered, digital to analog converter (DAC) results in a dramatic improvement in the performance of all speaker set-ups throughout the house.

This system shows the first (Master) Rialto 600 being used in stereo mode, and the second Rialto 600 being used in Bridged mode to power a passive subwoofer.

The Rialto 600 crossover can also be used to reduce the bass playing in the main speakers and let it play in the powered subwoofer instead.

♪ Analog or Digital Example Sources Connecting to Rialto 600 'Master' Unit



DIP Switch Configuration

Note: Dip Switch 'UP' is OFF; Dip Switch 'Down' is ON

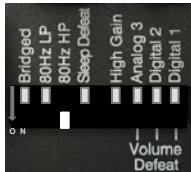


BRIDGED – Internally routes left signal of the selected channel to speaker outputs, and right signal of the selected channel to 'BRIDGED MONO OUT (★)'.
The green 'Bridged' LED on the rear panel will light when the Bridged feature is engaged.

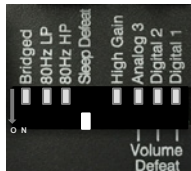
The green 'Bridged' LED on the rear panel will light when the Bridged feature is engaged.



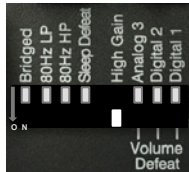
80Hz LP – Changes the sub output from a full ranged summed mono left/right signal to summed mono 80Hz 18 dB per octave low pass signal. Normally used if a subwoofer does not have a built in crossover. The green low pass LED on the rear panel will light when this feature is engaged.



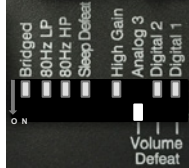
80Hz HP – Internally applies a 80Hz high pass signal to the left and right channel. Normally used when employing a separate subwoofer where the Rialto 600 plays just the 80Hz high-pass frequency range in the main speakers. Ideal for sound-bars and subwoofers.



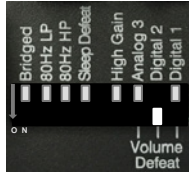
SLEEP DEFEAT - Prevents the Rialto 600 from automatically going into standby mode and defeats signal sensing. Obeys IR and RS232 commands and the blue LED on the front panel will remain blue constantly indicating normal operation. For optimal energy savings, this switch should be left in the up (Off) position and the Rialto 600 will detect signal on any of the three inputs and turn on automatically. If no signal is present, the unit will go into standby after two minutes.



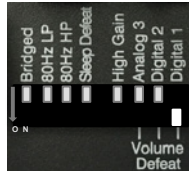
HIGH GAIN – With the high gain switch engaged, the Rialto 600 provides an additional 10dB of gain for use with Analog input 3. This helps analog sources with very low signal music to operate optimally when playing back music including music with quiet passages. HIGH GAIN should not be 'dipped' to 'ON' when the Rialto 600 is being used as a 'Link Amplifier'.



ANALOG 3 VOLUME DEFEAT – This switch should be engaged when it is desirable to control the volume of channel 3 from an external source only, such as the volume control on an iPod, tablet etc. It should also be used on the right channel when the Rialto 600 is being set-up in bridge mode.



DIGITAL 2 VOLUME DEFEAT - This switch should be engaged when it is desirable to control the volume of channel 2 from an external source only, such as the volume control on an iPod, tablet etc. It should also be used on the right channel when the Rialto 600 is being set-up in bridge mode.



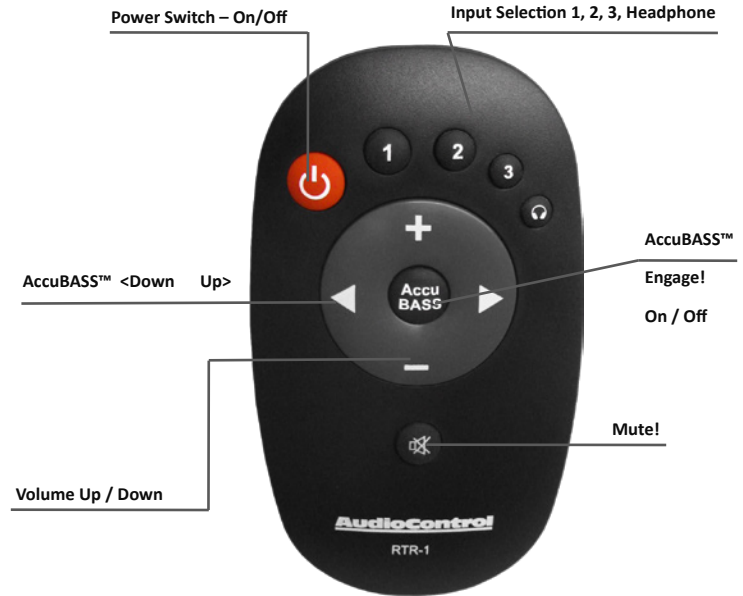
DIGITAL 1 VOLUME DEFEAT - This switch should be engaged when it is desirable to control the volume of channel 1 from an external source only, such as the volume control on an iPod, tablet etc. It should also be used on the right channel when the Rialto 600 is being set-up in bridge mode.

Adjusting AudioControl AccuBASS™

AccuBASS™ Bass Level Adjustment

AudioControl's AccuBASS™ circuit is designed to help recover the bass that goes missing in compressed music files or when volume is increased and the bass frequencies roll away. AudioControl's AccuBASS™ can be adjusted using the Rialto 600's RTR-1 remote control to give your system great bass at all volume levels and add back in an incredible-sounding richness to your music.

1. Engage AccuBASS™ by pressing on the AccuBASS™ button on the RTR-1 remote control.
2. Start playing some dynamic bass-rich music and adjust the amount of AccuBASS using the left and right arrow symbols to adjust and maintain bass dynamics in your music.
3. You will hear bass and richness being restored to the music as you increase the level of AccuBASS™ as well as hearing and experiencing the richness of the audio steadily improve as bass frequencies are restored to the music.
4. Continue to fine tune the AccuBASS™ level on your Rialto 600 to adjust to your personal preferences.
5. You're done! You will have smooth, seamless bass and richness to your music and you can even adjust the AccuBASS™ level to give a little (or a lot!) of extra boost to the bass if you like more bass in your music. It's your music your way and the way the artist intended it to be heard!



AccuBASS™

Adjust to rejuvenate the bass level response increasing the richness of your music and bass level the way the artist intended their music to be heard

Additional Features and Support Links

RS232 Feature

- ▶ AudioControl has created a full set of RS232 codes for use by installers and programmers.
- ▶ The codes are available at AudioControl's website by navigating to the product page for the Rialto 600 at www.audiocontrol.com/home-audio/zone-amplifiers/rialto-600 and scrolling down to the 'Download' part of the web page.

I.R. Codes for Remote Control

- ▶ AudioControl has created a full set of IR codes for use by installers & programmers. These codes are ideal for using your programmable IR Remote Control.
- ▶ The codes are available at AudioControl's website by navigating to the product page for the Rialto 600 at www.audiocontrol.com/home-audio/zone-amplifiers/rialto-600 and scrolling down to the 'Download' part of the web page.

IR Out / IR In

- ▶ The IR Out & IR In on the rear panel of the Rialto 600 allows for the unit to be integrated with a 3rd party control system, or for the Rialto 600 to be installed out of the 'line of sight'. Additional information on this feature, including programmable codes, can be found at www.audiocontrol.com/home-audio/zone-amplifiers/rialto-600 and scrolling down to the 'Download' part of the web page.

Sleep Mode

- ▶ Additional information on 'Sleep Mode' and the variety of options this allows can be found at www.audiocontrol.com/home-audio/zone-amplifiers/rialto-600 and scrolling down to the 'Download' part of the web page.

12V Trigger Input

- ▶ The 12V Trigger input on the rear panel of the Rialto 600 allows the unit to be turned on with a +12V DC signal. The Rialto 600 will remain on as long as the 12V signal is present.

Crossover Feature

- ▶ The inclusion of the Crossover feature on the Rialto 600 allows for independent control of 80Hz High Pass for the main outputs and 80Hz Low Pass for the Mono and Sub outputs located on the rear panel.

Headphone Feature

- ▶ The Rialto 600 includes a handy headphone output on the rear panel. When the Rialto 600 headphone input has been selected with the remote control, this is indicated by the blue LED on the front of the Rialto 600 being lit.
- ▶ Please note that when headphone input is being used, this will mute the main outputs, Bridged Mono, and the Sub/Mono outputs.
- ▶ Please also note that the headphone jack does not sense the 'headphone plug' allowing the user to keep their headphone or wireless headphone transmitter connected at all times. The headphone output only engages when the headphone input is selected using the RTR-1 Remote Control or via a command from third part control systems etc.

Additional Advice and Support

- ▶ Additional information, great support and hints and tips on the Rialto 600 can be found on the AudioControl website at www.audiocontrol.com. Alternatively, please email our team at sound.great@audiocontrol.com for further information or to have a chat over a cup of coffee!

Help! – Troubleshooting & Service

No Sound

- ♪ Check the unit is plugged in and power LED is Blue. When the LED is dim red, the unit is in standby and it is bright red when it is in protection.
- ♪ Check all cables are securely connected.
- ♪ Check the source unit is on and playing.
- ♪ Check the speaker connections are secure.
- ♪ Check the correct source input has been selected (LED).
- ♪ Check that the 'Headphone' LED is off.

In Protection

- ♪ The amplifier in the Rialto 600 will protect itself if it experiences an unusually large power surge, overheats or experiences a short. This is a circuit that protects the Rialto 600 and speakers. Turn down the volume and the Rialto 600 will normally resume playing after a short period of time. A flashing red LED on the front of the unit indicates that the Rialto 600 is operating at its 'Current Limit' and in danger of going into protection. In this situation you may have too many speakers attached, you are driving the amplifier too hard or speaker impedance is below 4 Ohms and you may need to reduce the load.

Signal Sensing

- ♪ If the unit does not sense an input signal, it will switch to standby mode after approximately 2 minutes of silence. It will turn back on again as soon as an input signal is detected.
- ♪ During quiet passages, or lengthy silent spaces in music or a TV program, the Rialto 600 may believe that the audio signal has stopped and may go into standby mode.

More Troubleshooting

- ♪ For additional troubleshooting, support and technical advice, please visit our website at www.audiocontrol.com and navigate to the web page for the Rialto 600 at: **www.audiocontrol.com/home-audio/zone-amplifiers/rialto-600** and scroll down to the 'Download' part of the web page.

Service

- ♪ AudioControl has a reputation for providing some of the best support and service in our industry. Our technical team takes pride in ensuring we respond to any customer needs providing support through our website and live on the phone from our base here in Seattle, USA.
- ♪ If you need service, first contact your local dealer or international distributor for advice. You can also contact our tech support team either by email or phone from 8am-5pm Pacific Standard Time (PST). We will verify if there is anything that you can correct yourself. If we ask you to return a unit, please include the following.
- ♪ Copy of proof of purchase (No originals please).
- ♪ A brief explanation of the problem.
- ♪ A full return address (No P.O. Boxes or Igloos please).
- ♪ A daytime phone number in case of questions.
- ♪ You will be responsible for freight charges to us, but we will pay the return freight back as long as the unit is under warranty. We recommend United Parcel Service (UPS) for most shipments. Our repair services address is:

Attn: Service Department
 22410 70th Avenue West, Mountlake Terrace, WA, 98043, U.S.A.
 Phone: +1 425-775-8461 Email: sound.great@audiocontrol.com
 Web: www.audiocontrol.com

What's Inside - Specifications!

Inputs & Outputs

- ♪ 2 Channel Power Amplifier
- ♪ Digital Inputs: 2 x Optical Toslink & 2 x Coax SPDIF
- ♪ Analog Inputs: Stereo RCA Input
- ♪ RCA Sub/Mono Output
- ♪ RCA Bridged Mono Output
- ♪ Headphone Output

Power Output

- ♪ 100 Watts per channel into 8 Ohms
- ♪ 200 Watts per channel into 4 Ohms
- ♪ 400 Watt channel mono block into 8 Ohms
- ♪ Minimum Speaker Load 4 Ohms (stereo), 8 Ohms (mono)

Power Consumption

- ♪ Typical Listening: 40 Watts
- ♪ Maximum: 520 Watts

Line Voltage

- ♪ 100-120 VAC/200-240 VAC Switchable

Sound Measurement

- ♪ Signal to Noise Ratio: <95dB
- ♪ Total Harmonic Distortion: 0.09%

Minimum Voltage to Drive Max Power

- ♪ RCA inputs: 310 mV (Hi Gain)
- ♪ RCA inputs: 1 Volt (Lo Gain)

Signal Sense Trigger Minimum

- ♪ RCA inputs: 5 mV
- ♪ Digital: Audio

Bass Adjustment

- ♪ AudioControl AccuBASS™

Digital Analog Converter (DAC)

- ♪ Wolfson High Performance
- ♪ 32-192 kHz
- ♪ 16/24 Bit

Dimensions

- ♪ Weight 4.5lbs
- ♪ Width 8.5 inches
- ♪ Depth 5.4 inches
- ♪ Height 2.9 inches
- ♪ AudioControl Power Rating – Awesome!

Product Assurance

- ♪ Country of Origin: USA
- ♪ Engineered and Assembled in USA
- ♪ Rainforest: Pacific Northwest
- ♪ Limited Warranty: 5 Years
- ♪ Patent Pending
- ♪ For additional specifications and technical details visit www.audiocontrol.com

Manual

This manual was written, designed, printed and carefully placed right side up into the box in the USA on a wet and rainy day by a team of music lovers dedicated to making good sound great.

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Additional copies of the Rialto 600 User Manual are available at the AudioControl website or by contacting AudioControl.

AudioControl Rialto 600 Manual #: 913-132-0

Warranty - The Good Small Print!

Our Warranty

People are confused by warranties! Lots of fine print. Months of waiting around. Well, fear no more AudioControl is here. This warranty is designed to make you rave about AudioControl. It's a warranty that looks out for our customers, plus helps you resist the temptation to have your friend, "who is good with electronics", try to repair your AudioControl product. So go ahead, read this warranty, then register the information at www.audiocontrol.com/product-registration.

"Conditional" doesn't mean anything ominous. The Federal Trade Commission tells all manufacturers to use the term to indicate that certain conditions have to be met before they'll honor the warranty. If you meet all of these conditions, we will warrant all materials and workmanship on the Rialto 600 for five (5) years from the date you bought it, and we will fix or replace it, at our option, during that time.

Here are the conditional conditions:

1. You need to register your purchase of the Rialto 600 with us by going to the AudioControl web site www.audiocontrol.com and then go to the warranty registration page and follow the directions. Optionally, go to www.audiocontrol.com/product-registration.
2. You must keep your sales receipt for proof of purchase showing when and from whom the unit was purchased. We're not the only ones who require this, so it's a good habit to get into with any major purchase.
3. The Rialto 600 must have originally been purchased from an authorized AudioControl dealer. You do not have to be the original owner, but you do need a copy of the original sales slip.
4. You cannot let anybody who isn't: (A) the AudioControl factory; or (B) somebody authorized in writing by AudioControl to service the Rialto 600. If anyone other than (A), or (B) messes with the Rialto 600, that voids your warranty.
5. The warranty is also void if the serial number is altered or removed, or if The Rialto 600 has been used improperly. Now that sounds like a big loophole, but here is all we mean by it: Unwarranted abuse is: (A) physical damage (don't use the Rialto 600 to level your dining room table); (B) improper connections (120 volts into the RCA jacks can fry the poor thing); (C) sadistic things!

This is the best product we know how to build, but if you strap it to the front bumper of your Range Rover, something might break. Assuming you conform to 1 through 5, and it really isn't all that hard to do, we get the option of fixing your old unit or replacing it with a new one!

The Legalese Section!

This is the only warranty given by AudioControl. This warranty gives you specific legal rights, and you may also have rights that vary from state to state. Promises of how well the Rialto 600 will work are not implied by this warranty. Other than what we've said we'll do in this warranty, we have no obligation, express or implied.

We make no warranty of merchantability or fitness for any particular purpose. Also neither we nor anyone else who has been involved in the development or manufacture of the unit will have any liability of any incidental, consequential, special or punitive damages, including but not limited to any lost profits or damage to other parts of your system by hooking up to the unit (whether the claim is one for breach of warranty, negligence of other tort, or any other kind of claim). Some states do not allow limitations of consequential damages.

Failure to register your product negates any service claims. The warranty included with the unit shall supersede this plain-text version if there is any inconsistency between the two.

MAKING GOOD SOUND GREAT



AudioControl

Making Good Sound Great™



www.audiocontrol.com

AUDIO ENTHUSIASM

AudioControl has always been dedicated to designing, engineering and building world-class audio products from the ground up. In the process, we've earned a reputation worldwide for creating amazing music and delivering pleasure while operating at the highest levels of reliability and performance.

A relentless enthusiasm for flawless sound performance lies at the heart of everything we do. Here in the heart of the Pacific Northwest, we've spent decades building an incomparable team of truly passionate engineers. Day after day pouring heart and soul into the innovative AudioControl products that will always be known for *making good sound great*.