

Rialto⁴⁰⁰[™]

USER MANUAL 



HIGH POWER AUDIOPHILE AMPLIFIER & DAC
PERFECT FOR STREAMING MUSIC SYSTEMS

AudioControl[®]

Making Good Sound Great[™]

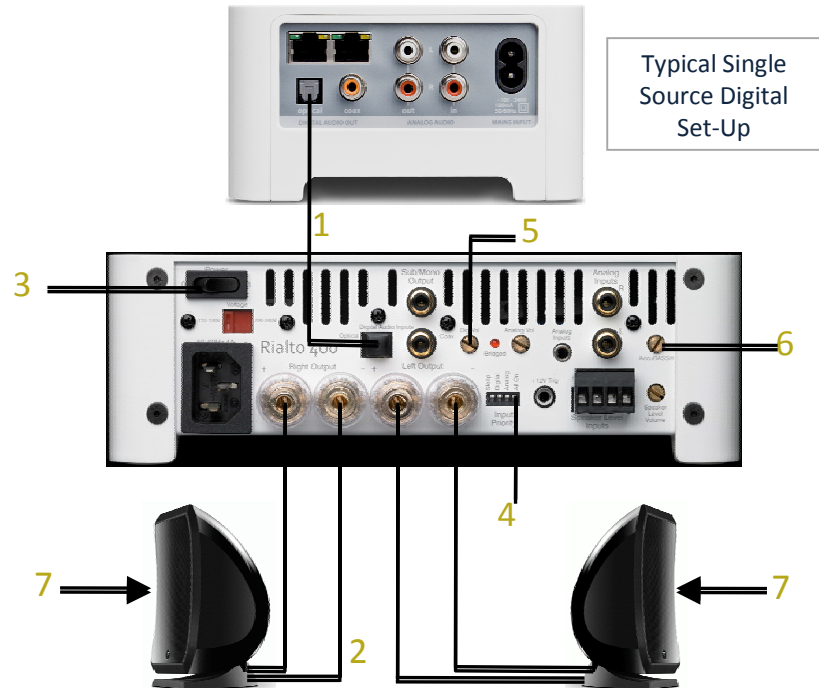
Quick Start

Getting Started

Up and running in a flash!

Welcome! It takes just a few steps to get your AudioControl Rialto 400 up and running. The steps below are explained in more detail throughout this user manual.

- Connect one source component (i.e. Digital Music Player, SONOS™ CONNECT, Television, Receiver, CD Player etc.) to the Rialto 400.
- From the Rialto 400 connect a pair of your favorite speakers.
- Turn on the Rialto 400 using the power switch (Note: Whenever changing inputs, switch the Rialto 400 off first, make changes and then switch it back on).
- Set the Input Priority to 'Digital' for this typical set-up.
- Adjust the gain on the back of the Rialto 400 to the desired setting to work with your source volume control.
- Adjust the level on the AudioControl AccuBASS™ to the desired amount of bass response to add bass and richness back to your music.
- Enjoy *Making Good Sound Great* from the Rialto 400.



Introduction and Contents

Thank you and congratulations for purchasing your AudioControl Rialto 400.

This User Manual is your guide to installing and using the Rialto 400 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 400.

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 400. If you require more information about the Rialto 400 or any of AudioControl products, 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 400

AudioControl's Rialto 400 is the first in a new class of compact, high-powered amplifier 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 400 powerful amplifier delivers 100 watts of power per channel into 8 ohms and 200 watts per channel into 4 ohms. Additionally, the Rialto 400 can be bridged to perform as a mono-block amplifier.

The state of the art Rialto 400 features a built-in high-performance Wolfson® DAC (digital to analog converter) that dramatically improves audio quality. 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 etc.

Equipped with AudioControl's unique patent-pending AccuBASS™ circuitry, the Rialto 400 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. 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 400 is a small yet high performance amplifier and audiophile DAC. As such, the Rialto 400 delivers incredible sound performance and will often be warm to the touch – similar to the touch of a hot cup of double shot, vanilla latte in a ceramic mug from one of Seattle's 9,368 coffee shops!
- Care should be taken in finding the best location to place the unit for optimal performance.
- The Rialto 400 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.....

Placement

- Place the Rialto 400 on a level, firm surface, avoiding direct sunlight and sources of heat and damp.
- Do not place the Rialto 400 on top of a power amplifier or other source of heat.
- Do not place the Rialto 400 in an enclosed space such as a bookcase or closed cabinet unless there is good provision for ventilation. The Rialto 400 will run warm during normal operation.
- Do not obstruct any of the ventilation vents on the back or base of the unit. "It likes to breathe".
- Do not place the unit on carpet or any thick material that could block the vents.
- As with all products made in the USA by AudioControl, the Rialto 400 should not be deep fried or sautéed.

Speakers

- The Rialto 400 is designed to work with all 8 ohm and 4 ohm speaker set-ups. The Rialto 400 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 400 loves speakers and speakers love the Rialto 400!

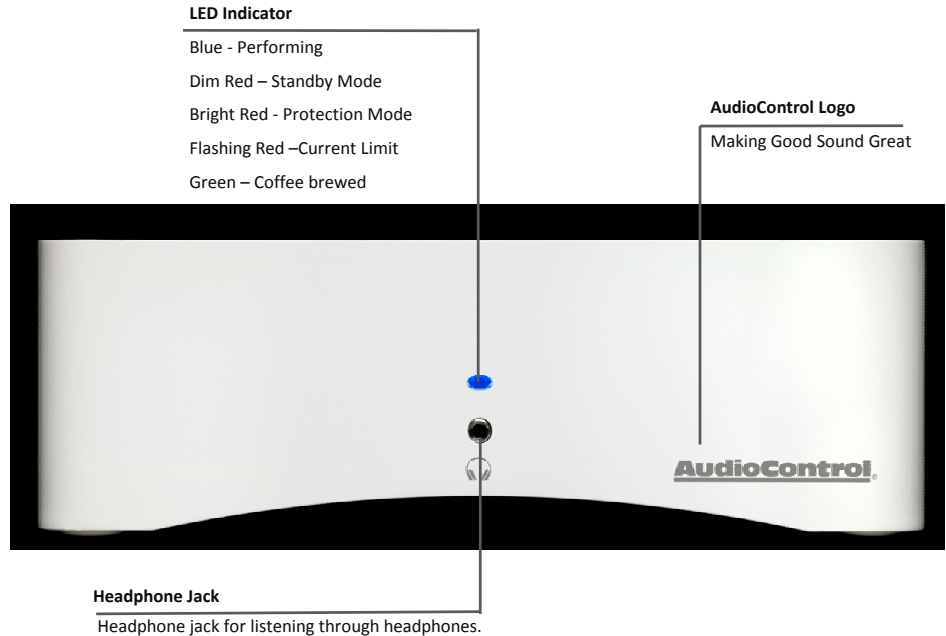
Cables

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

Rialto 400 - Front

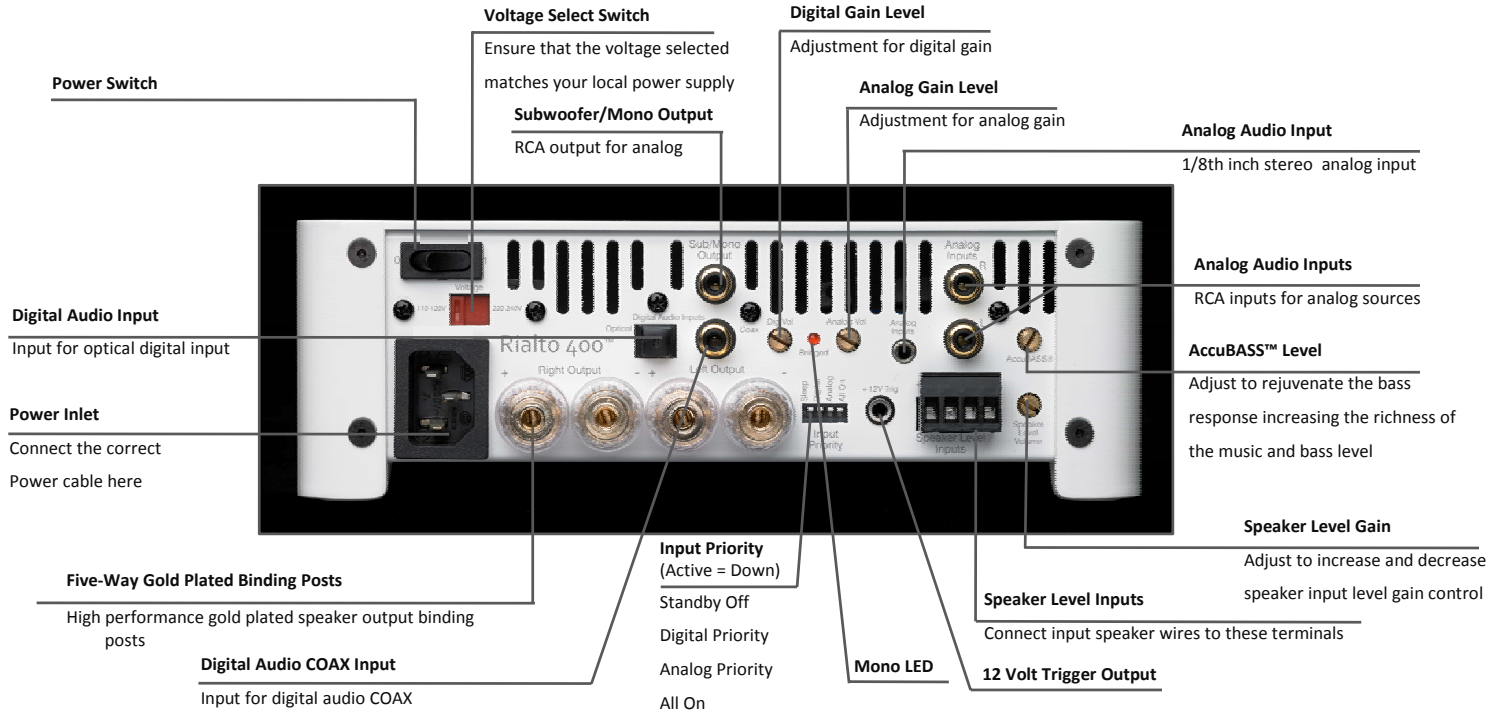
Flexibility and Versatility at its Best

- The Rialto 400 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. The source unit should normally have a built-in volume control.
- When setting up the Rialto 400, it should be located between the source unit and the speakers in a convenient and safe place following the guidelines in this user manual.
- Sources that can connect to the Rialto 400 and have their performance dramatically improved include:
 - Digital Music Systems like SONOS
 - Televisions
 - Analog and Digital Audio Sources
 - Computers
 - Gaming Consoles
- Any room requiring additional/improved amplification



Guided Tour

Rialto 400 - Back



Guided Tour

Rialto 400 - Bottom

Flexibility and Versatility at its Best

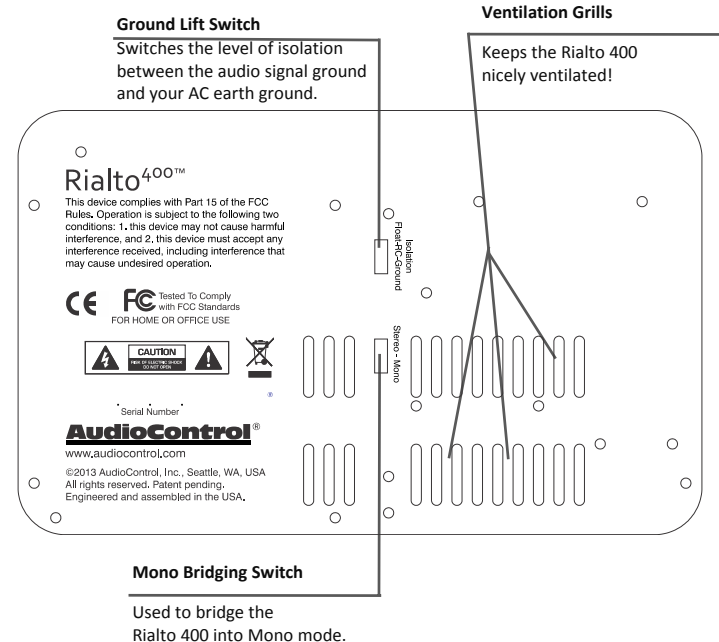
The bottom of the Rialto 400 contains important safety and compliance information. It also contains two adjustment settings that can be altered to improve performance under certain conditions.

- **Stereo/Mono Mode Switch**

- Under normal use conditions, this switch will be set to 'Stereo'. When the Rialto 400 is used in Mono mode (i.e. using the Rialto to amplify a powered subwoofer), the output of the Rialto 400 is increased to as high as 400 watts. If the Rialto 400 is used in Mono mode, the Stereo/Mono switch should be switched to 'Mono'. When in Mono mode, the red 'Mono' LED will light on the back of the Rialto 400.

- **Ground Lift Switch**

- This switch selects the level of isolation between the audio signal ground and your AC earth ground. Under normal operating conditions this switch should be switched to the 'ground' position, but if you run into trouble with an AC ground hum, try the other two settings for the best operation. For your safety. The chassis is always connected to the earth ground regardless of the switch setting.



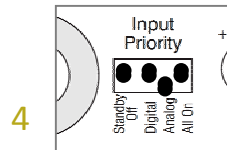
Operation

Single Source Set-Up

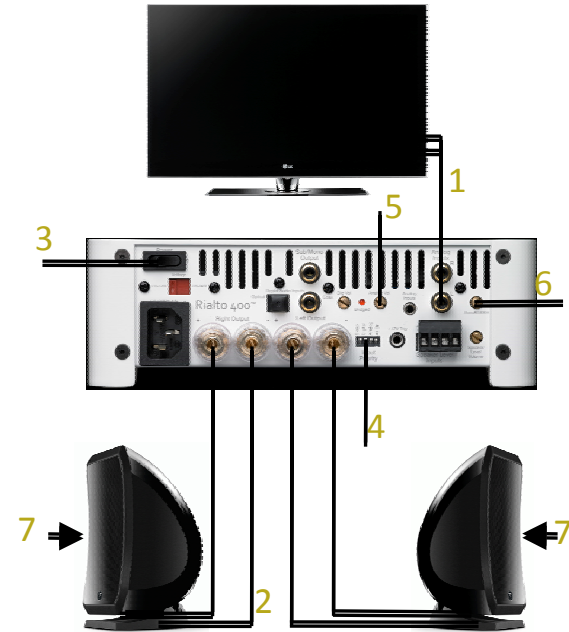
Typical Single Source Analog Set-Up – TV

- Connect one analog source to the Rialto 400 using the right (R) and left (L) analog RCA, 1/8th inch mini or speaker level inputs.
- From the Rialto 400 connect a pair of your favorite speakers to the right and left speaker outputs ensuring that polarity matches.
- Turn on the Rialto 400 pressing the power on switch!
(Note: Whenever changing inputs, switch the Rialto 400 off first, make changes and then switch it back on).
- Set the Input Priority to Analog.
- Adjust the gain on the back of the Rialto 400 adjusting the analog gain level to the desired gain setting to work with your source volume control.
- Adjust the level on the AudioControl AccuBASS™ to the desired amount of bass response to add bass and richness back to your music.
- Enjoy Making Good Sound Great with the Rialto 400.

Note: Alternatively you can choose Digital as your priority if you want priority to be digital instead of Analog. You can also set the Rialto 400 to 'All On' for no priority allowing all sources to be controlled via the source volume controls.



Input Priority configuration (Analog Priority)

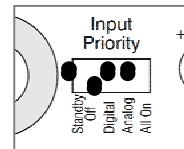


Operation

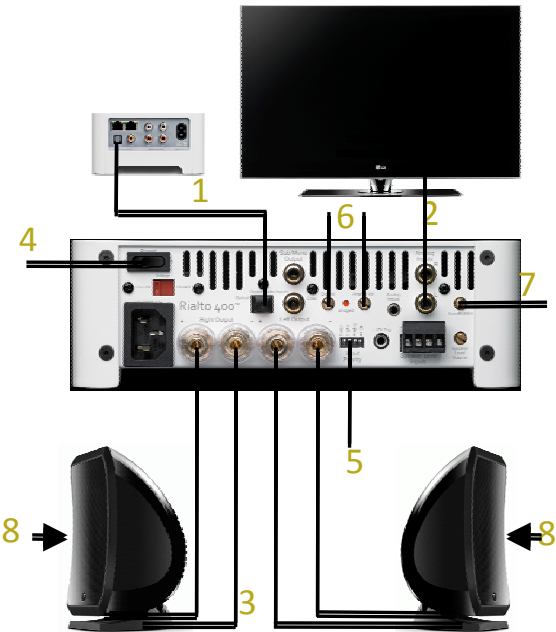
Two Source Set-Up

Typical Two Source Analog/Digital Set-Up configured with Digital Priority

- Connect one digital source to the Rialto 400 using the optical or COAX input.
- Connect one analog source to the Rialto 400 using the right (R) and left (L) analog inputs.
- From the Rialto 400 connect a pair of your favorite speakers to the right and left speaker outputs ensuring that polarity matches.
- Turn on the Rialto 400 by pressing the 'power' switch to on!
(Note: Whenever changing inputs, switch the Rialto 400 off first, make changes and then switch it back on).
- Set the Input Priority to 'Analog or Digital' depending on your preference
or set the Input Priority to 'All On' for no priority between inputs
- Adjust the volume on the back of the Rialto 400 using the digital volume and then repeat using the analog volume to the desired volume setting to work
with your source volume control.
- Adjust the level on the AudioControl AccuBASS™ to the desired
amount of bass response to add bass and richness back to your music.
- Enjoy Making Good Sound Great with the Rialto 400.



Input Priority
(Digital Priority) 5



Speaker Set-Up Examples

Operation

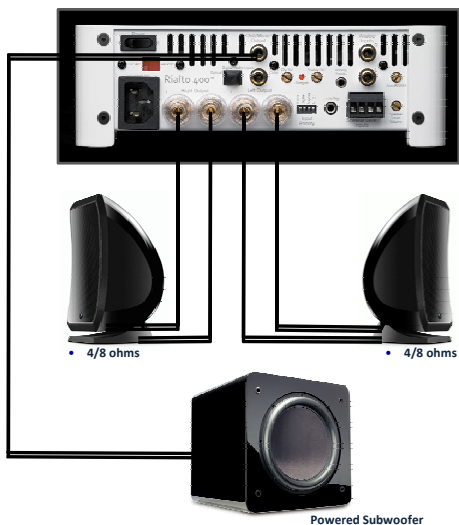
Speaker Configuration

The Rialto 400 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.

On the right are just two of the many types of speaker configuration that the Rialto 400 can work with. Additional speaker set-ups can take advantage of the Rialto 400 amplifiers stability at 4 ohms powering four speakers. In addition, the Rialto 400 can be used as a Mono amplifier with power ratings up to 400 watts.

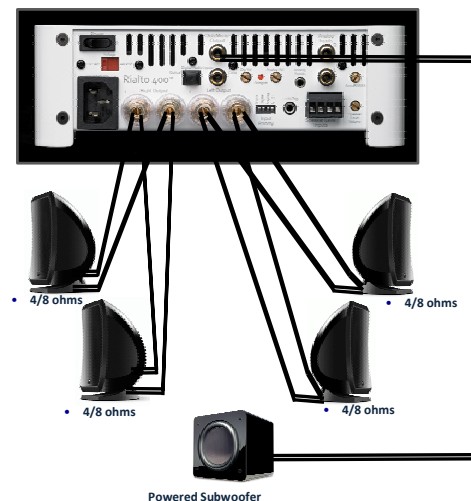
2.1 Speaker Set-up

- The standard set-up for a 2.1 speaker system with two 4/8 ohm speakers plus an active subwoofer.



4 Speaker Set Up – 4/8 Ohm Speakers

- The standard set-up where four 4/8 ohm speakers are parallel connected into two channels.



'Input Priority' Settings

Operation

Input Priority

The Rialto 400 features the AudioControl SMART Input Priority feature that allows for the Rialto 400 to prioritize certain source inputs to allow for a variety of operational conditions.

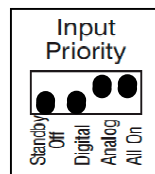
The four Input Priority 'dip switch' settings are as follows:

- **Standby Off/Sleep** – In the 'on' position the Rialto 400 will not switch automatically into standby/sleep mode and will remain on continuously.
- **Digital** – In the 'on' position the Rialto 400 will prioritize a digital signal input ahead of an analog signal. If the digital signal stops, the Rialto 400 will switch back to an incoming analog signal if present.
- **Analog** – In the 'on' position the Rialto 400 will prioritize an analog signal input ahead of a digital signal. If the analog signal stops, the Rialto 400 will switch back to an incoming digital signal if present.
- **All On** – In the 'on' position the Rialto will have no overriding priority and all inputs will play. Play back should be controlled by the various sources as 'All-On' could result in both digital and analog sources being heard as no prioritization has been set.

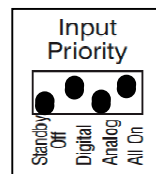
The optimal set-up for the Rialto 400 is as a single-source or two-source set-up with one digital and/or one analog input allowing for prioritization between the two inputs depending on what is required for your desired set-up.



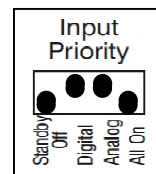
Example A Standby off
& set to 'DIGITAL' priority



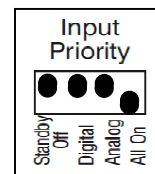
Example B Standby off
& set to 'ANALOG' priority



Example C Standby off
& set to inputs 'ALL ON'



Example D Standby on
& set to inputs 'ALL ON'



OFF
ON

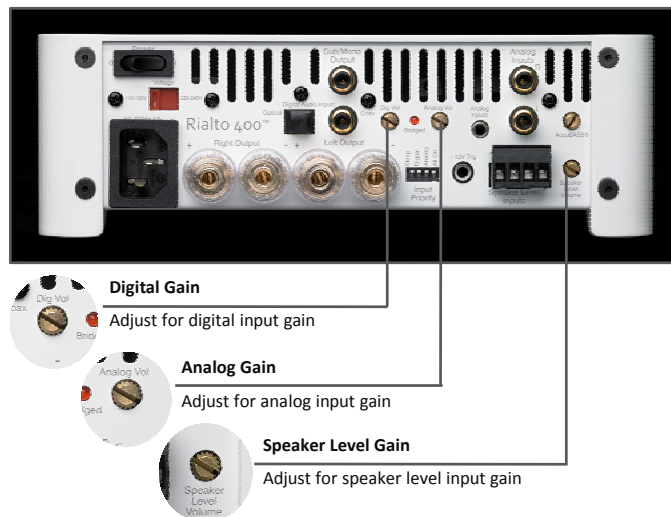
Adjusting Gain and Levels

Operation

Level Matching & Input Gain Controls

If you have ever listened to a friend's "killer" home audio system and heard lots of hiss, clicks or pops, then you may have experienced an improperly level-matched system. The following steps will help you through the process of level matching, although at the end of the day, your ears will be your guide!

- Depending on your source (i.e. SONOS Connect, TV, CD Player, Gaming Console, Digital Player, Receiver, Preamp etc.) and the amount of gain you want to set, adjust one of the three 'Gain Setting knobs' on the back of the Rialto 400 (Digital Volume, Analog Volume or Speaker Level Volume) to 'minimum' for the input you are adjusting the gain for. This is known as "turning down your gains".
- Start playing some dynamic music and adjust the volume level on your source unit to your normal listening level using the source's volume control.
- Now increase the amount of gain on your Rialto 400 so that the volume increases to your maximum 'LOUD' listening level. For some of you, this may be louder than others!
- Continue to fine tune the gain level on your Rialto 400 to adjust to personal preferences, 'loudness' and musicality! At this level of gain, it will still allow you to increase the source volume up and down to achieve minimum levels or rock the houses in the next street (assuming your speakers are game for it and you have understanding neighbors!).



- Repeat for the various source inputs you are using on the Rialto 400. The end result being that you will have amazing sounding music and the ability through level matching the 'gains' with your sources to 'crank up the volume' fully benefitting from the power and capability of the Rialto 400 'watts' and the musicality of the internal DAC. It's like magic!

Adjusting AudioControl AccuBASS™

Operation

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™ is a simple one-time adjustment at the time of installation to give your system great bass at all volume levels and add back in an incredible sounding richness to your music.

- Start playing some dynamic bass-rich music and adjust the volume level on your source unit to an above average listening level using the source's volume control.
- Now increase AccuBASS™ level by slowly turning the dial clockwise until the amount of bass being restored meets your own personal preferences.
- You will hear bass being restored to the music as you increase the level of AccuBASS™ as well as the richness of the audio steadily improve as bass frequencies are restored to the music.
- Continue to fine tune the AccuBASS™ level on your Rialto 400 to adjust to your personal preferences.
- You're done! You will have smooth, seamless bass at all volumes and you can even use the AccuBass™ level control to give a little 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 the music and bass level

Troubleshooting & Service

Help!

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 when bright red 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 priority switch has been set correctly.

In Protection

- The amplifier in the Rialto 400 will protect itself if it experiences an unusually large power surge, overheats or experiences a short. This is a circuit that protects the Rialto 400 and speakers. Turn down the volume and the Rialto 400 will normally resume playing after a short period of time. A flashing red LED on the front of the unit indicates that the Rialto 400 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.

Priority Switching

- A delay of approximately 10 seconds is set for the 'input priority' source (i.e. digital or analog) to not see a prioritized input before the switch back to the un-prioritized input.
- During quiet passages, lengthy silent spaces in music or a TV program, the Rialto 400 may believe that the prioritized signal has stopped and will switch back to the un-prioritized signal. This will correct immediately when the priority signal starts again. The Rialto 400 is set to automatically switch back to the non-prioritized signal after approximately 10 seconds of quiet space/silence.

More Troubleshooting

For additional troubleshooting, support and technical advice, please visit our website at www.audiocontrol.com.

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 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.better@audiocontrol.com

www.audiocontrol.com

What's Inside!

Inputs & Outputs

- 2 Channel Power Amplifier
- Digital Inputs: Optical Toslink & Coax SPDIF 75 ohms
- Analog Inputs: Stereo, Speaker levels & 1/8th Inch

Power Output

- 100 watts per channel into 8 ohms
- 200 watts per channel into 4 ohms
- Minimum Speaker Load 4 ohms

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%
- AudioControl User Manual - Rialto 400

Minimum Voltage to Drive Max Power

- RCA inputs: 230 mVolts
- Speaker inputs: 2.0 Volts

Signal Sense Trigger Minimum

- RCA inputs: 10 mVolts
- Speaker inputs: 100 mVolts
- Digital: Bitstream

Bass Adjustment

- AudioControl AccuBASS™

Dimensions

- Weight 4.5lbs
- Width 8.5 inches
- Depth 5.4 inches
- Height 2.9 inches

Specifications

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.

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AudioControl Manual #: 9131200

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.audiocontrolregistration.com.

"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 400 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 400 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.audiocontrolregistration.com.
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 400 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 400. If anyone other than (A), or (B) messes with the Rialto 400, that voids your warranty.
5. The warranty is also void if the serial number is altered or removed, or if The Rialto 400 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 400 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.

Warranty

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 400 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

More Making Good Sound Great at AudioControl

Architect 210 EQ



2 CHANNEL HIGH-POWER AMPLIFIER WITH EQ

The AudioControl Architect Model 210 EQ is a high power, 240 watts into 2 ohms, amplifier that delivers superb sound quality while driving up to 8 speakers (stable into 2 ohms).

A fully integrated six-band equalizer is engineered for optimal performance from smaller and in-wall loudspeakers

The Architect 210 EQ is also available with Energy Star Certification as an option operating at under 1 Watt in standby.

2 Channels • High Current Design • 240 Watts Per Channel into 2 Ohms (8 Speakers) • 6-Band Speaker Equalization • Cool Running • LightDrive Anti Clipping • 2U Rack Space • PFM Subsonic Filter for Speaker Protection • Signal Sense Turn-on • Blue LED

Architect 1680 EQ



16 CHANNEL AMPLIFIER WITH SPEAKER EQ

The Architect Model 1680 EQ multi-room amplifier squeezes 16-channels of cool running power with discrete zone equalization controls into just three rack spaces.

With power output levels of at least 65 watts per channel into 8 ohms, and even more into lower impedances, the Architect Model 1680 EQ delivers robust power levels and pristine sonics

16 Channels • 65 Watts Per Channel, All Channels Driven • Bridgeable for Increased Power • Cool Running, Class H Topology • 5-Band Speaker Equalization • Compact 3U Rack Space • LightDrive Anti-Clipping Protection • Blue LED • Less Than 1 Watt in Standby

Director Model D3400 & D4400



16 CHANNEL NETWORK AMPLIFIER / SPEAKER EQ

Modern distributed audio systems demand high levels of audio performance and flexibility, which makes The Director Model D3400 and D4400 unique in their design. Delivering powerful and efficient amplification of 60 or 100 watts per channel, they are perfectly matched with a configurable DSP engine to maximize the sound performance of any multi-room system.

The unique DSP design allows network access to graphic and parametric equalization filters, digital crossover settings, subsonic filters, and allows remote monitoring and zone switching capabilities.

16 Channel High Power Amplifier • 16 x 65w (D3400) or 100w (D4400) per channel. • Bridgeable for Increased Power • Ethernet Port for Status Monitoring, Source Switching and 12 Volt Trigger Control • Network Programmable Graphic & Parametric Equalization with User Memories

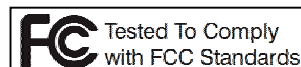
Important Safety Instructions

Be Safe!

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this product near water.
- **Do not block any ventilation openings. Install in accordance with manufacturers instructions.**
- Do not install near heat sources such as radiators, stoves or any other apparatus including amplifiers that produce heat.
- Do not try to alter the safety purpose of the product or electrical safety plug
- Protect the power cord from being walked on, pinched or stretched
- Only use the product in ways specified by the manufacturer
- Do not 'Hot Plug'. When changing inputs or outputs, switch the Rialto 400 off before making changes. Once changes have been made, then switch the Rialto 400 back on.
- Unplug this product during lightening storms or when unused for long periods of time which we hope will be rarely!
- 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.
- Object or liquid entry – WARNING – take care that objects do not fall through any openings. The equipment shall not be exposed to dripping or splashing. Liquid filled objects such as vases should not be placed on the equipment.
- Climate – The equipment has been designed for use in moderate climates and in domestic situations.
- Cleaning – Unplug the unit from the mains supply before cleaning. The case should normally only require a wipe with a soft, lint-free cloth. Do not use chemical solvents for cleaning the unit.
- Abnormal Smell – If an abnormal smell or smoke is detected from the equipment, turn the power off immediately and unplug the equipment from the wall outlet. Contact your dealer & do not reconnect.

FCC Compliance Statement (United States)

Note: 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. Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules



MAKING GOOD SOUND GREAT



Here at AudioControl's Pacific Northwest headquarters, we've been dedicated to 'making good sound great' for nearly four decades. Why? Because we believe our products have the strength and power to change lives. Day in and day out, we focus on designing products that deliver. Frankly, we're obsessed with providing first-rate sound to our customers. Spend five minutes with one of our products, and you'll become a believer, too.

AudioControl®
Making Good Sound Great™

AUDIO ENTHUSIASM

Established in Seattle more than 35 years ago, 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 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.

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