

RSX **THROUGH**mount



Specially developed for custom home Installers BY custom home Installers!

IMPORTANT SAFETY PRECAUTIONS



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

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION:
TO PREVENT THE RISK OF ELECTRIC SHOCK, **DO NOT REMOVE COVER OR BACK. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**



The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user of the presence of uninsulated “dangerous voltage” within the products’ enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

- 1. Read Instructions** – All the safety and operation instructions should be read before the subwoofer is operated.
- 2. Retain Instructions** – The safety and operating instructions should be kept for future reference.
- 3. Heed Warnings** – All warnings on the subwoofer and in these operating instructions should be followed.
- 4. Follow Instructions** – All operating and other instructions should be followed
- 5. Water and Moisture** – The subwoofer should not be used near water. For example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool.
- 6. Ventilation** – The subwoofer should be situated so that its location or position does not interfere with its proper ventilation. For example, the system should not be situated on a bed, sofa, rug or similar surface that may block airflow past the rear heatsinks or placed in a built-in installation such as a bookcase or cabinet that may impede the flow of air past the heatsinks.
- 7. Heat** – The subwoofer should be situated away from sources such as radiators, heaters, furnace outflow vents or other devices which produce heat.
- 8. Power Sources** – The subwoofer should be connected to a power supply only of the type described in these operation instructions or as marked on the component.
- 9. Grounding or Polarization** – The subwoofer is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is an intentional safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact an electrician to replace the obsolete (unpolarized) outlet. Do not defeat the safety purpose of the polarized plug.
- 10. Power Cord Protection** – Power supply cords should be routed so that they are not likely to be walked upon or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles and the point where they exit the subwoofer. To prevent electric shock, do not use the subwoofer polarized plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.
- 11. Non-use Periods** – The power cord of the subwoofer should be unplugged from the outlet when left unused for a long period of time.
- 12. Damage Requiring Service** – The subwoofer should be serviced only by qualified service personnel when:
 - A. Subwoofer power supply cord or the plug has been damaged;** or
 - B. Objects have fallen or liquid has spilled into the subwoofer;** or
 - C. The subwoofer has been exposed to rain;** or
 - D. The subwoofer does not appear to operate;** or exhibits a marked change in performance; or
 - E. The subwoofer has been dropped or damaged.**
- 13. Servicing** – The user should not attempt to service the subwoofer beyond those means described in this operating manual. Opening or removing covers may expose you to dangerous voltages or other hazards. All servicing should be referred to an authorized Service Center.
- 14. Cleaning** – Unplug the subwoofer from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 15. Attachments** – Do not use attachments not recommended as they may cause hazards.
- 16. Accessories** – Do not place the subwoofer on an unstable cart, stand, tripod, bracket or table. The subwoofer may fall, causing serious injury to a child or adult and serious damage to the product. Use only with a cart, stand, tripod, bracket or table recommended by manufacturer or sold with the product. Any mounting of the subwoofer should follow manufacturer’s instructions and should use a mounting accessory recommended by manufacturer. A subwoofer and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the product and cart combination to overturn.
- 17. Lightning** – For added protection for the subwoofer during a lightning storm or when it is left unattended and unused for long periods of time, unplug it from the wall outlet.
- 18. Overloading** – do not overload wall outlets, extension cords or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 19. Safety Check** – Upon completion of any service or repairs to this product ask the service technician to perform safety checks to determine that the product is in proper operating condition.
- 20. Replacement Parts** – When replacement parts are required, be sure the service technician has used manufacturer specified parts or parts with the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
- 21. Wall or Ceiling Mounting** – The product should be mounted to a wall or ceiling only as recommended by manufacturer.
- 22. Object and Liquid Entry** – Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot and fully insert.

RSX Through Mount© Operating Instructions

Congratulations on your purchase of the **RSX Through Mount© Speakers** from Reel Acoustics. Please take a few minutes and read this manual before you start your installation. We are confident the manual will help you make your new Reel RSX Through Mount speakers sound as good as we expect them to!

Please remember to heed to any warnings on the product and in this Owners Manual.

Your RSX Through Mount speakers are the same surround speakers that come with the Reel Acoustics RS-1 system, with the exception of the Through Mount system. As well as being used as part of your home cinema system, the RSX Through Mount speakers work great for offices, kitchens or anywhere indoors you want great sound from a convenient source. All Reel Acoustics speakers are voiced to match one another. You can mix and match any of our products and create your own Reel system. Your reseller can help with this or you can go to www.reelacoustics.com for system suggestions.

Loudspeakers can only reproduce the signal they are fed. If you are playing a poor recording, a badly scratched CD or DVD, or if you're tuned into a weak radio station, your speakers may sound distorted. If you are playing your system at high volume levels, depending on the quality of your electronics, the speakers may sound distorted. This is where you need to "trust your ears". Your ears will give you plenty of warning if something isn't right. Prolonged use under these conditions can cause damage to the mid/bass speakers, and/or the high frequency (tweeter) drive unit.

Unpacking:

Please unpack your new speakers with care. Once out of the master carton, please look them over carefully for any damage due to shipping. Reel Acoustics highly recommends keeping the carton in case you need to move or ship the speaker at a later date.

Speaker Grilles:

Like the entire RS line of products, the RSX Through Mount© speakers feature removable grilles. Reel Acoustics™ carefully chose a double knit grill cloth to help you fine-tune your system. Many companies feature “acoustically transparent” grilles. Reel Acoustics™ realizes that when speakers are placed near certain objects, high frequencies in particular can be adversely affected. If you are looking for the ultimate performance from your speakers, try removing one or both of the grilles. The exposed speaker(s) will yield over a 1db gain in the high frequencies, and that speaker will sound brighter. Experimentation may yield ideal results. For more information, consult your reseller.

Speaker Mounting:

Reel Acoustics spent great time and effort perfecting the Through Mount© system so it would be easy for installers to use. Once you have decided where you would like the speakers placed, and have run the speaker wire to that location, you can install the Through wall mount bracket. Each complete RSX Through Mount© speaker with grille, and Through Mount© assemblies weighs 3.25 lbs, or 1.46 kgs. You will need to decide what fasteners (not supplied) you will use to attach the wall mount bracket to the wall so it will stay secure. Several types of fasteners are available. Please carefully choose the fasteners that work best for your application.

Installing is as easy as one, two, three!

1. Using your fasteners, attach the wall mount assembly to the location where you would like the speaker installed.
2. With the grille off, insert a screwdriver or similar device into the back hole of the Through Mount© on the speaker to push out the "cap" on the front of the speaker. Find the supplied 2" long (5cm) Phillips head (X head) machine screw, and insert into the hole on the front of the speaker that became exposed when you removed the cap. With the speaker in one hand, place a Phillips screwdriver into the hole on the front of the speaker, until the machine screw is out the back of the speaker as far as it will go. Place the speaker up to the wall mount assembly so the machine screw mates up to the threaded insert on the wall mount bracket and start tightening the screw. Turn the screw until you feel that the speaker is snug against the wall mount bracket. A hand screwdriver is **HIGHLY** recommended for this. Please do not use a power driver of any kind for this step!
3. Once you are convinced the speaker is snug to the wall bracket, you should have enough slack to easily move the speaker around on any axis and adjust the positioning. Once you are happy with the position of the speaker, tighten the screw down, re-install the cap on the front of the speaker, attach the wires (see below) and you're done! You may readjust the speaker at any time by removing the cap and repeating this step.



Under special circumstances you may need to increase the spacing of the speaker from the wall. The RSX Through Speakers come supplied with an additional “step plate” or “spacer” to do this. This piece spaces the wall mount unit out from the wall an additional 29mm or 1-1/8” and requires longer mounting screws or hardware. There are tooled tabs to make sure the spacer and wall mount fit together and stay together if used. If used, please use extra care in choosing your mounting hardware due to the extra leverage caused by moving the speaker further out from the wall. Do not use more than the one supplied spacer.



Connecting your RSX Through Mount Speakers to your system:

Always make sure that your amplifier or receiver and any other electronics are OFF before attempting to connect any speakers to your system. The back of each RSX Through Mount® speaker uses “binding posts” to connect the speakers. In most cases, the wires can be attached by unscrewing the red and black thumb-screws which expose a hole on the gold colored post. The wire is then carefully inserted into the hole, and the thumb-screw is tightened back down to secure each wire. Please take care to ensure that the “+” on the amplifier is connected to the “+” or red on the speaker. Reversing these wires, either at the receiver or amplifier, or at the speaker itself, will not cause damage but may adversely affect the systems potential performance. The manual that came with your receiver or amplifier will assist you in this step. If you need help—please consult your reseller.

Reel Acoustics™ suggests a minimum 16 guage speaker wire for the RSX Through Mount® speakers. Please note that the smaller the number referring to wire guage, the larger the wire. When selecting speaker wire, please remember that 12 guage is larger, and 18 guage is smaller than the suggested 16 guage.

When you have completed wiring your system, turn on your receiver or amplifier but keep the volume low. Most receivers or amplifiers have “on screen” displays to allow you to choose from different settings depending on how large your speakers are. FOR BEST RESULTS, PLEASE SET the RSX Through Mount® TO "SMALL" SETTING! Some receivers or amplifiers have adjustable electronic crossovers instead of choosing large or small speaker sizes. If your equipment has this, please set the crossover at 100 hz or higher.

Most amplifiers or receivers use 80hz, or 120hz as the options. If yours uses these settings, please set yours to 120hz. Playing the RSX Through Mount® at high volumes, with the settings as “large” or set below 100hz may cause damage to the speakers. Information below 120hz will be reproduced by your Reel powered Subwoofer available separately from your reseller.

Once you are confident the speakers are configured correctly. Play your system at a low volume and determine that all speakers are working. Once you have confirmed this, bring the volume up to a moderate level, and using the manual for your receiver or amplifier, follow those instructions to take you through the rest of the complete system setup.

Maintenance:

Very little maintenance is required. Each cabinet can be cleaned with a damp (not wet) cloth. Spray polishes are OK, but must NEVER be sprayed directly on the mid/bass or high frequency drivers. It is best to spray the polish directly on the cloth and then wipe down each cabinet, again being careful to avoid getting any polish or cleaner directly on the drive unit. Each grille is removable and can be vacuumed with proper care.

Warranty

All Reel Acoustics components come with a five-year, limited warranty from the date of original retail purchase. Warranty claims should always be made through your reseller first. If for any reason this cannot be done, please contact Reel Acoustics™ at 905-567-1920 or email service@reelacoustics.com.

Other Information:

Reel Acoustics™ entire product line can be viewed at www.reelacoustics.com. All manuals, literature, reference materials and product reviews can be downloaded and printed from the website. It is the goal of the Reel Acoustics™ team to make sure you have the best information possible, so you can make your system as good as we know it can be.

On behalf of the entire Reel Acoustics team, we thank you for your purchase and sincerely hope you enjoy your Reel products for many years

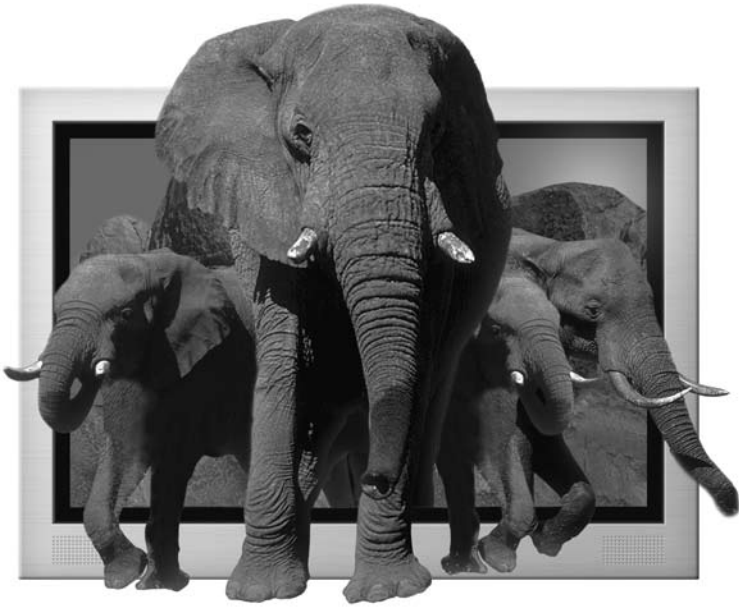
Specifications

Model	RSX Through Mount
Power Handling	100 watts at > 120hz
Nominal Impedance	6 ohms
Sensitivity (at 1 watt/1meter)	84 db
Frequency Response	95 – 21000hz
Magnetically Shielded	Yes
Dimensions Including Grille (mm)	288mm (H), 113mm (W), 138mm (D)
Dimensions Including Grille (inches)	7 7/8" (H), 4 7/16"(W), 5 7/16" (D)



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For our full line of products please go to
www.reelacoustics.com



REEL THUNDER. REEL EASY.

