INSTALLATION GUIDE
Please Read

REVOLUTION® acoustics

SSP6 Multiducer™

REVOLUTION ACOUSTICS SSP6 MULTIDUCER™

The SSP6 Multiducer™ (multifunctional transducer) miraculously transforms nearly any panel structure into an audio speaker. Revolutionary thinking has created one of the most compact and powerful “invisible” audio systems available today. Embedding the SSP6 Multiducer™ into walls, ceilings, glass, furniture, vehicles and other products transforms non-acoustic materials and devices into high fidelity audio speakers. Using an entirely different subset of acoustical physics, the SPP6 is able to “ergonomically” project sound unlike any other conventional speaker filling the space with rich audio content in ways never before tought possible.

Fast and easy installation using the RevLoc™ mounting plate (included). Water and dust resistant coupled with solid-state construction for consistent and reliable service over many years. A true lifestyle solution, the SSP6 Multiducer™ delivers true full frequency audio, ease of installation, and value unlike anything in its class or all others. It is simply magical. Invisible audio, which is, literally out of sight with performance to match.

TECHNICAL SPECIFICATION

• Next generation and new level of sophistication patented invisible embedded audio technology.
• SSP6 with new RevLoc™ universal screw on mounting plate for unparalleled ease of installation to virtually all substrates in less then 3 minutes.
• Incredible class leading acoustic fidelity while driving materials including glass, drywall, wood, fiberglass, metal, or….
• Highest power density, best sounding transducers available using high energy magnet structures.
• Proprietary cooling technologies for better efficiency and reliability.
• Frequency range full bandwidth: (unequalized) 45Hz – 20KHz.
• 70V compatible with Revolution Acoustics RA-T1 multi-tap transformer.
• Revolution Acoustics part RA-HPL to be used with SSP6 if third party amplifiers are used greater than 150W/ch.
• Subwoofer not required for general purpose audio but recommended for home theatre installations.
• Power handling up to 400W (instantaneous peak).
• Compact Ø2.7” X 2.29” high - RevLoc™ included (Ø69mm X 58.1mm high).
• RevLoc™ Mounting Plate Ø4.0” (Ø102mm).
• Weight (Individual): 0.72 Kg / 1.6 Lbs.
• Impedance: 6Ω.
• Recommended amplifier per channel wattage: 60W - 150W.
• Max. Continuous Thermal Power: 15W totally enclosed, 24W unenclosed.
• Transducer Accelerated Life test: fully enclosed passes EIA 426B at 9.4V (recommended amplifier power rating of 30W) 8 hour test 23C ambient.
• Transducer Accelerated Life test: unenclosed passes EIA 426B at 12.0V (recommended amplifier power rating of 48W) 8 hour test 23C ambient.
• UL 2043 fire and smoke certified for return air plenums.
• IP65 Ingress protection certified - water and dust proof.
• Packaging: 2 per box.
• Package weight: 1.65 Kg / 3.65 Lbs.

INSTALLATION INSTRUCTIONS ⚠ (please read)

Your SSP6 Multiducers™ can transform many materials into high fidelity audio emitters. Drywall panels (plaster board), glass panels, wood, MDF, fiberglass, and even some steel sheet can become large acoustic radiators using your SSP6 Multiducers™. If possible, pre-test your installation by handholding a Multiducer™ to the material in which you wish to install to and sound-check. Check surrounding surfaces and material as well and install to the most desirable surface.

The SSP6 Multiducers™ will not function on brick, stone or cinderblock, or materials lamented to them. Walls, wood floors, quality build and framed windows, fiberglass, and some furniture are typically good choices.

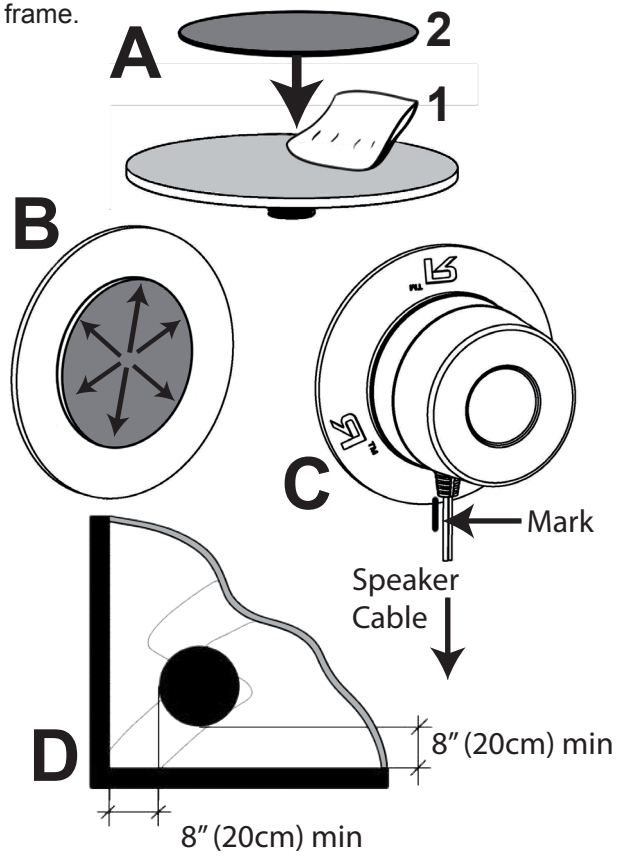
The RevLoc™ mounting plate ensures a fast and easy installation. The RevLoc™ **must always be firmly glued to the material being driven** by the SSP6 Multiducers™. Quick setting glue is to be applied essentially over the entire bottom surface of the RevLoc™. Then firmly press the RevLoc™ to the surface and let glue set before screwing on SSP6 Multiducer™. Exceptions are intra-wall retrofits where the RevLoc™ and SSP6 Multiducer™ are typically installed together during the gluing process.

Adhesives

One of 3 glues will cover all installations. In **ALL** cases, once glues are set and hardened simply screw on the SSP6 giving it a final screw torque by **twisting the black metal base** of the Multiducer™ **only hand tight, not the plastic housing**. This will activate the Loctite® thread locking glue on the Revoc™ stud portion.

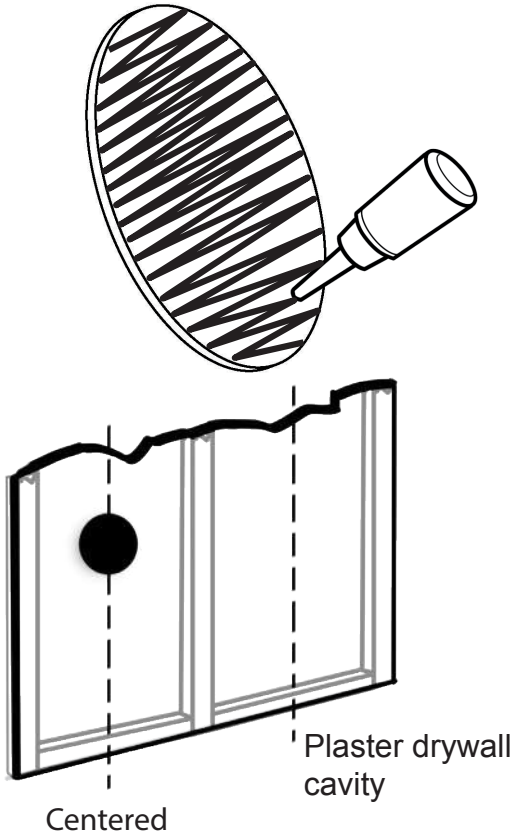
GLASS OR OTHER SMOOTH NON-POROUS SURFACES

UHB Tape (ultra high bond): Make sure the RevLoc™ is clean and dry. A1) Clean with alcohol, A2) Apply UHB tape in the middle of he RevLoc™ and B) burnish it onto the RevLoc™ from the center out so as not to entrap any air bubbles. Ensure window surface is clean. Rubbing alcohol is a good cleaning agent prior to installation. C) Screw RevLoc™ onto the SSP6 noting cable down orientation (make small pencil mark to top of RevLoc™), so as to ensure the speaker wire faces down, and then unscrew SSP6 Multiducer™. Peel tape backing off and **firmly press** RevLoc™ onto glass with the pencil mark up as contact pressure activates the adhesive. Allow glue to cure ½ hour if able and then screw on the SSP6 Multiducer™ as stated in "Glues" on the previous page. d) Space the SSP6 Multiducer™ at lease 8" (20cm) from the glass frame.



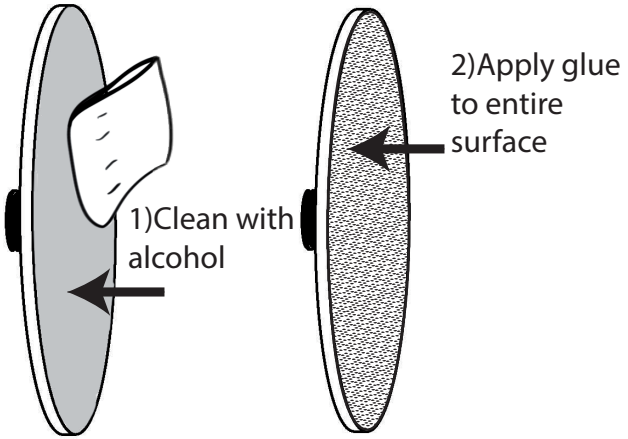
DRYWALL (PLASTERBOARD)

Super Glue (cyanoacrylate). Choose a quality brand cyanoacrylate (super glue) which is a **liquid formulation** and not a gel formulation. Larger bottles of glue will allow a few plates to be bonded. If inserting the SSP6 into an opening in a wall or ceiling cavity where access is difficult, first screw the SSP6 multiducer to the RevLoc™ mounting plate as stated in "Glues" on the previous page (please read), then apply the superglue in a tight zigzag pattern no further than ¼" (6mm) spacing covering the entire surface of the base of the RevLoc™ plate. Position, and immediately press the RevLoc™ firmly on to a dust free clean and dry surface inner paper surface of the drywall. Hold for at least 30 seconds until glue starts to set. If there is direct access to the mounting plate, then the plate may be bonded first and then the SSP6 transducer can be applied.



ROUGH SURFACES

5 Minute Epoxy glue or Methacrylate. Fiberglass and rougher finished wood and the like surfaces should be clean, dry and dust free. Clean RevLoc™ with alcohol (supplied). If applying to rough fiberglass, sand high points down slightly. Apply glue to entire bottom surface of RevLoc™ mounting plate as well as the surface to be glued to in a thin layer. Apply to surface and twist back and forth very slightly to squeeze out excess glue and seat the RevLoc™ well. Tape in place, let glue set and then apply the SSP6 Multiducer™ as stated in "Glues" on the previous page.



REVOLUTION®
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Additonnal information, including warranty see:

revolutionacoustics.com

ETL CLASSIFIED Intertek

RoHS COMPLIANT

Conforms to UL STD 2043