

# OWNER'S MANUAL

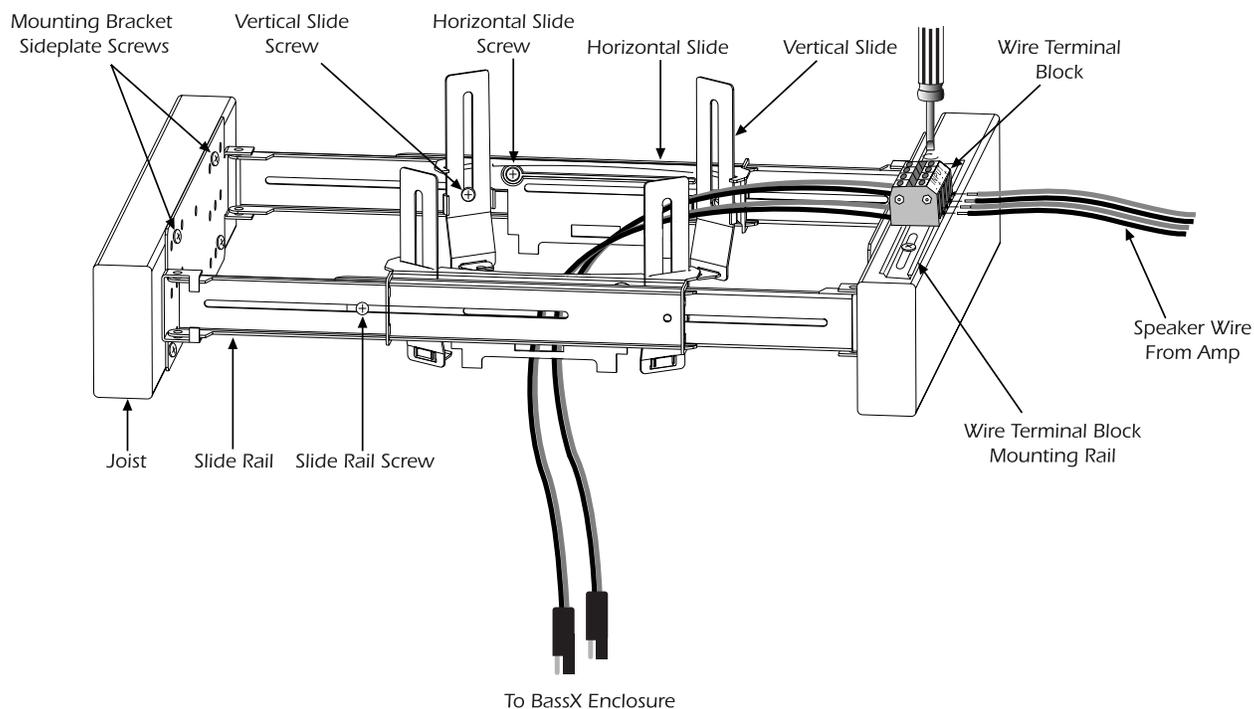
## BassX Mounting Bracket 12"-16" and 16"-24"

The BassX Mounting Bracket must be installed prior to installing the BassX Subwoofer Enclosure. There are two sizes of the mounting bracket. The 12"-16" version should be used with joist spacing between 12 and 16 inches. The 16"-24" version should be used with joist spacing between 16 and 24 inches.

The Mounting Bracket can be mounted both before drywall is installed (New Construction) and into existing ceilings (Retrofit). Please follow the instructions for your application. Once the Mounting Bracket and Wire Terminal Block that accompanies it is installed, the location is ready for the installation of the BassX Subwoofer System.

If you should have any questions regarding installation, please contact SpeakerCraft Customer Service at (800) 448-0976.

**Please use the diagram below to identify bracket components mentioned throughout this manual.**



SpeakerCraft®

## DETERMINING MOUNTING LOCATION

### Acoustic Considerations

For maximum projection of bass energy into the listening room, locate the hole for the system in the ceiling where the front wall and sidewall meet. It is best if the front and sidewalls are solid and free of pass-throughs at the corner where the subwoofer is placed.

## INSTALLING THE WIRE TERMINAL BLOCK

Prior to the actual installation of the BassX Enclosure, it will be necessary to run cables from the BB2500 amplifier (included with the BassX System) and the Mounting Bracket. There is a BassX Wire Terminal Block included in this carton that should be located next to the Mounting Bracket. **If you are not experienced in pulling wire through walls and ceilings, please contact SpeakerCraft and we will recommend an authorized installer to assist you.**

Installation of the Wire Terminal Block is best done after the Mounting Bracket is installed.

You should assume that the amplifier will be located with other electronic components in the system. At the Mounting Bracket location, the wires should be connected to the BassX Wire Terminal Block. Once the Wire Terminal Block is installed and wired to the amplifier location, the BassX Enclosure can be simply plugged into the connectors hanging from the Wire Terminal Block.

- A total of four wires (2 positive and 2 negative) must be run between the amplifier location and the Wire Terminal Block. **A minimum of 14 gauge wire must be used.**
- Once the four 14 gauge cables are pulled to the Mounting Bracket location, use a small screwdriver to secure them to the BassX Wire Terminal Block. Be sure to observe the proper polarity and connect (+) to (+) and (-) to (-). Because the cables are run in parallel, either positive cable can go to either positive input and either negative cable can go to either negative input.
- Once the cables are connected, the Wire Terminal Block can be screwed to a joist using the holes located on either side. Be sure to locate it so that plugs on the end can be easily accessed through the hole that the BassX Enclosure will be mounted into. You will need to plug these into a corresponding set of plugs on the BassX Enclosure when it is installed.

## ADJUSTING THE SLIDE RAILS

The screws holding the Slide Rails may be tight when the Bracket is shipped from the factory. To adjust the Slide Rails, loosen the screws just enough to move the rails. It isn't necessary to retighten these screws once the Mounting Bracket Sideplates have been secured to the joists.

## ADJUSTING THE HORIZONTAL AND VERTICAL SLIDES

The Horizontal and Vertical slides are used to fine tune the placement of the BassX Enclosure into the opening.

### Adjusting the Horizontal Slides

If the drywall ring isn't being used, the Horizontal Slides should be moved so that the Vertical Slides are evenly lined up against the edge of the drywall. If the Drywall Ring is being used, the Horizontal Slides can be adjusted to the exact location desired. You may have to loosen the screws holding the Horizontal Slides before they will move. Do not overtighten the screws, but tighten them just enough to allow the Horizontal Slides to be adjusted after the Bracket is mounted into the ceiling. **CAUTION: Overtightening the screws may cause the Mounting Bracket to distort and fall out of alignment.**

## Adjusting the Vertical Slides

The bracket is designed so that the BassX can be placed into a variety of ceiling thicknesses.

We have included a simple tool for adjusting the height of the Vertical Slide. In the center of the BassX Cut Out Template is a piece marked "Height Gauge". Punch this out and place it against the drywall edge with the longer finger protruding into the opening. All four Vertical Slides must be adjusted so that they rest against the top edge of the gauge. To adjust the slide, loosen the screw on the slide and then tighten it once the proper location is achieved.

## NEW CONSTRUCTION INSTALLATION

Once the location has been determined, expand the Mounting Bracket into the space that you have chosen. The bottom edge of the Mounting Bracket must be aligned with the bottom edge of the joist. The only exception to this is when composite joists are used. In this case, the Mounting Bracket can rest against the inside edge of the joist since there is not usually enough room on the surface adjoining the drywall.

Once the Mounting Bracket has been located and expanded, screw it into place using the holes on the sideplates. A minimum of four screws (not included) per side is recommended.

If you are installing the BassX New Construction Drywall Ring (purchased separately), you should connect it to the Mounting Bracket at this time, following the instructions included with the Drywall Ring. Once the Drywall Ring is in place, the Horizontal Slides can be adjusted to the exact location desired. You may have to loosen the screws holding the Horizontal Slides before they will move. Do not over-tighten the screws, but tighten them just enough to allow the Horizontal Slides to be adjusted after the Bracket is mounted into the ceiling. **CAUTION: Overtightening the screws may cause the Mounting Bracket to distort and fall out of alignment.**

If the Drywall Ring isn't being used, you may align the Horizontal Slides by sight and tighten the Horizontal Slide screws. Minor adjustments in alignment can be made once the drywall is installed.

It is important that you save the Height Gauge that is in the center of the included cardboard Cut Out Template. Once drywall is installed, this gauge will assist you in adjusting the Vertical Slides so that the BassX System is perfectly aligned for installation. See the section below under **RETROFIT INSTALLATION** for directions on using this tool.

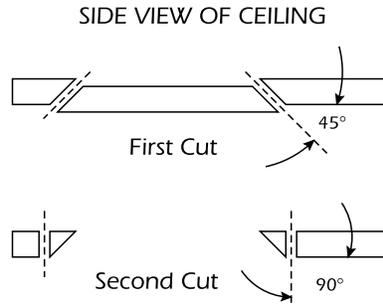
Please follow the instructions included with the BassX System for mounting the Enclosure.

## RETROFIT INSTALLATION

**Note:** Please make sure that you have the correct Mounting Bracket for your installation. If the area you have chosen to mount the bracket has 12" to 16" on center joists, use the 12"-16" Mounting Bracket. If the area you have chosen to mount the bracket has 16" to 24" on center joists, use the 16"-24" Mounting Bracket.

- Determine the best location using the guidelines under **DETERMINING MOUNTING LOCATION** above. The area chosen must be free of obstructions, such as electrical conduits, HVAC ducts, or water lines. This can best be determined by noting the placement of fixtures and gaining access to an attic or crawl space for further analysis of the location of such obstacles.
- Find the joists nearest the desired mounting location. We highly recommend using a good stud-finder tool for this procedure. Refer to the note above to make sure you have the correct bracket to fit your joist spacing.
- Using the included Cut Out Template, mark the space where you wish to mount the BassX Enclosure. Please note that the bracket design allows for the Enclosure to be placed immediately next to the stud. Therefore, the hole can be cut to the edge of the stud, if desired.

- Cutting the hole. **CAUTION: This is the most important part of the installation.** If you are not certain whether any obstructions exist behind the desired mounting area, you should start by cutting a small hole in the center of your penciled mounting hole with a drywall saw, cutting at a 45° angle towards the inside of the hole. Cutting the small hole at this angle will make drywall repair much easier, as the piece cut out can be installed neatly back into the hole. Once you have determined that there are no obstructions in your desired mounting location, start cutting the finished hole at a 90° angle to the ceiling surface. **See Figure Below:**



- Now that the hole is cut, the Mounting Bracket can be placed. Fold the bracket down so that it can be fit through the hole. Once it is through the opening, expand it against the joists until it can be opened no further. The bottom edge should just rest on the drywall.
- Once the bracket has been located and expanded, screw it into place using the holes on the sideplates. A minimum of four screws (not included) per side is recommended.
- Please follow the instructions included with the BassX System for mounting the Enclosure.

---

SpeakerCraft offers a variety of accessories to make your installation of these speakers and other SpeakerCraft products easy, economical, and professional. Contact your authorized SpeakerCraft Dealer for more information.

Should you have any questions regarding this, or any other SpeakerCraft product, please call our toll-free service hotline at 1-800-448-0976. We are available to assist you every weekday, except holidays, between the hours of 7:00 a.m. and 5:00 p.m. PST.