

Choice Select ULTRA

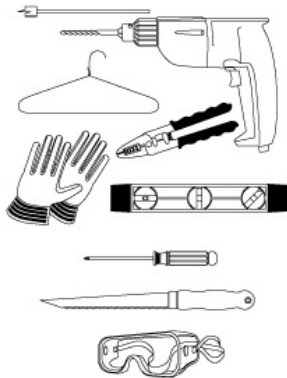
INTRODUCTION

Thank you for purchasing. When properly installed, this product will provide you with years of entertainment pleasure.

To obtain the full potential, please read all instructions before starting the installation.

TOOLS NEEDED:

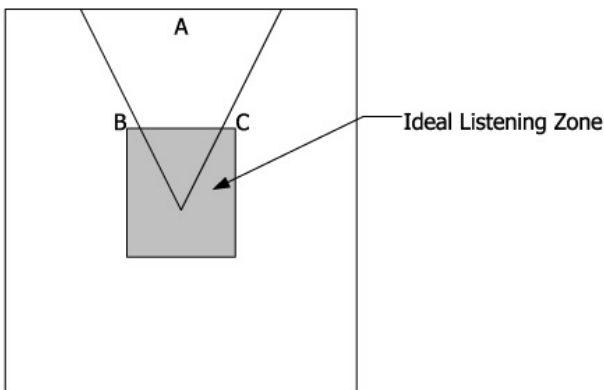
Pencil
Keyhole or drywall saw
Phillips screwdriver
Small level
Fish tape or coat hanger
Wire strippers
Gloves
Safety goggles
Drill
1" Flat bit - if drilling through studs
1/4" - 1/2" bit - for test hole



IN WALL PLACEMENT - STEREO

For best performance, the center of the speakers should be placed around ear level. This would be approximately 40" for a seated listener and 62" for a standing listener.

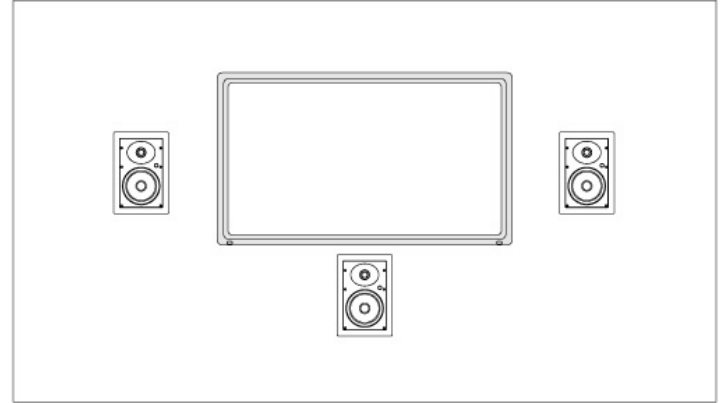
The distance from the listener to the speakers and the distance between the speakers should be the same, see diagram. Distance A, B and C should be the same.



INSTALLATION INSTRUCTIONS IN-WALL & IN-CEILING SPEAKERS

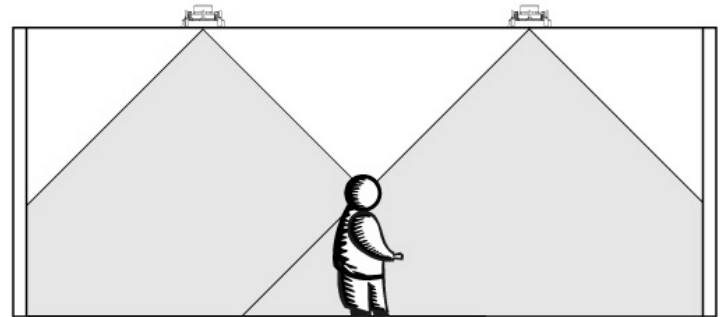
IN WALL PLACEMENT - HOME THEATER

Locate the left and right speaker at the same level as the screen. Depending on the height of the television the center channel can go above or below. Try to keep the center channel as close to the height of the left and right speakers as possible.



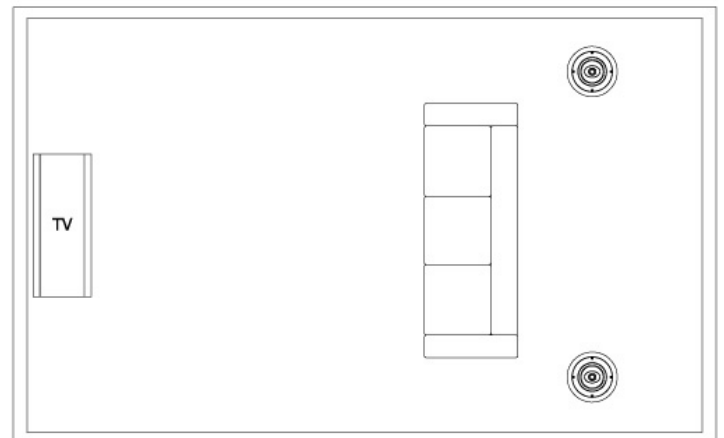
IN CEILING PLACEMENT - STEREO

The speakers should be separated approximately 6 to 10 feet apart. If possible, the left and right speakers should be located the same distance from the listening position.



IN CEILING PLACEMENT - HOME THEATER

The speakers can be used as surround speakers. When installing the speakers in the ceiling, locate the speakers from 3 to 6 feet behind the listening position and space the speakers from 6 to 10 feet apart.



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Step 1

Center the speaker between the ceiling joists. Tap the ceiling for a "hollow sound" or use a stud finder to locate studs.

Trace around the cardboard template with a pencil for your speaker placement. Make sure the speakers are even and level.

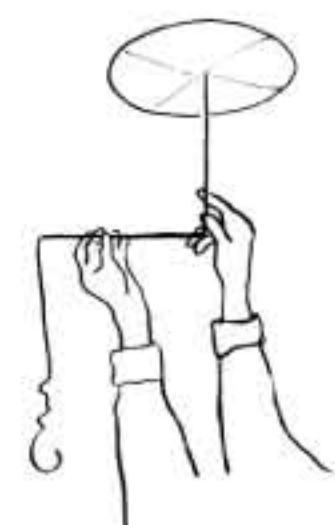


Note: Read step 5 about running wire before deciding on a final speaker location.



Step 2

Drill a small hole in the center outline you just traced.



Step 3

Bend a piece of coat hanger wire. Insert the wire into the hole, then slowly rotate to check for any obstructions. If there are any obstructions, patch the hole and relocate the speaker.



Step 4

Carefully cut away the outline using a keyhole or drywall saw. Remove the cutout.



Step 5

Run the cable from the speaker outputs of your receiver or amplifier to your speakers. Allow a few extra feet of cable. You may also splice together lengths of cable if you have a long distance to cover. Leave enough cable slack to strip the conductors and work on the connections.

INSTALLATION INSTRUCTIONS IN - CEILING INSTALLATION



Step 6

Speaker performance can be enhanced by insulating the cavity with fiberglass insulation.

When installing speakers in a ceiling, it is best to install a sheet of unfaced fiberglass insulation behind and around the back of the speaker.



Step 7

Pull the cable slack through the hole in the ceiling and strip off the outer jacket. Strip about 1/2" of insulation off the ends of the wires. Connect the positive wire from the amplifier to the red terminal on the speaker. Connect the negative wire to the black terminal on the speaker.



Note: Make sure the power is tuned off on your amplifier or receiver before connecting the speakers.



Step 8

Remove the speaker grille by pushing one of the screws towards the front of the speaker. Place the speaker into the cutout in the ceiling.



Step 9

Tighten the screws evenly until the speaker is flat against the ceiling.



Note: If you are using a drill to tighten the screws be sure to set the drill to its lowest torque setting.



Step 10

Reinsert the grill into the speaker baffle.

PAINTING THE SPEAKERS AND GRILLES

The speakers feature a tough weather resistant ABS finish that may be painted to color match your surroundings. First, remove the grille from the baffle. The driver components must be protected from paint when spraying. Second, insert the supplied paint plug to protect the speaker components during painting. Remove the paint plug when you are finished painting.

The grilles may be lightly sprayed with thin paint (5 parts thinning agent to 1 part paint), but be careful not to plug the holes. Too much paint will adversely affect the sound of the speaker.

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SPEAKER ADJUSTMENTS

Tweeter Adjustment:

The switch labeled "T" allows for -3dB of treble adjustment. Your speakers were shipped with the treble switch in the "0" position. If you desire less treble, move the switch to the "-" position, and the tweeter will play 3dB lower. To return to the neutral setting, push the switch back to the "0" position. (See diagram below)

Woofers Adjustment:

The switch labeled "W" allows for -3dB of bass adjustment. Your speakers were shipped with the treble switch in the "0" position, resulting in 12ohms of impedance. This setting provides the flattest bass frequency response. If you desire less bass, push the switch to the "-" position and the bass will play 3dB lower and increase the impedance to 16ohms. This setting provides a more linear bass frequency response. To return to the neutral setting, push the switch back to the "0" position. (See diagram below) Remember that altering the impedance affects the number of speakers able to be driven by an amplifier. If multiple pairs of speakers are to be driven by one amplifier, we suggest using the lowest output position (the "-" position) until it is determined that the amplifier will operate properly with the speakers switched to higher output mode.



LIMITED WARRANTY

This warranty remains in effect for five years from the date of purchase. Except as specified below, this warranty covers all defects in material and workmanship. The following are not covered: Damage caused by accident, misuse, abuse, product modification or neglect, damage occurring during shipment, damage from failure to follow instructions contained in the owners instruction booklet, damage resulting from the performance of repairs by someone not authorized by Choice Select, or any claims based on misrepresentations by the seller. This warranty does not cover incidental or consequential damages. It does not cover the cost of removing or reinstalling the unit. This warranty is void if the serial number has been removed or defaced.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts so the above may not apply to you.

HOW TO OBTAIN SERVICE

Please call us at (800) 844-9555 Monday-Friday, 8am - 5pm. We may direct you to an authorized dealer/technician or request that you return the product for repair. You must present the original bill of sale to establish the date of purchase.

Please do not ship your product to us for repair without prior authorization. You are responsible for transportation of your product and payment of any shipping charges. If the repairs are covered under warranty, we will pay the return shipping charges.