

XSCACE

bring home the future

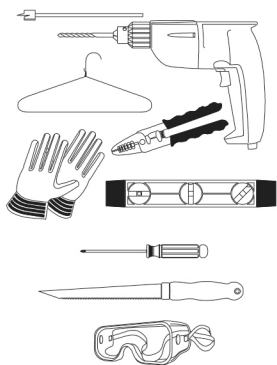
INTRODUCTION

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

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

TOOLS NEEDED:

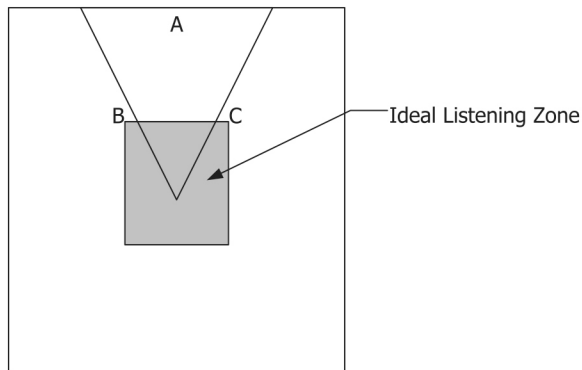
Pencil
Keyhole or drywall saw
Phillips screwdriver
Small level
Fish tape or coat hanger
Wire strippers
Gloves
Safety goggles
Drill
1" Flat bit - if drilling through studs
1/4" - 1/2" bit - for test hole



IN WALL PLACEMENT - STEREO

For best performance, the center of the Xscace 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.

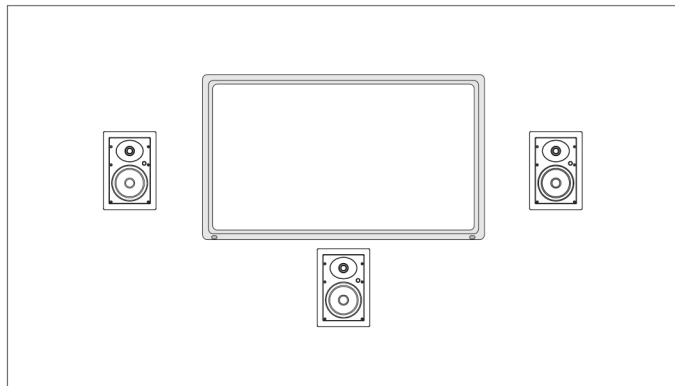


INSTALLATION INSTRUCTIONS

IN - WALL & IN-CEILING SPEAKERS

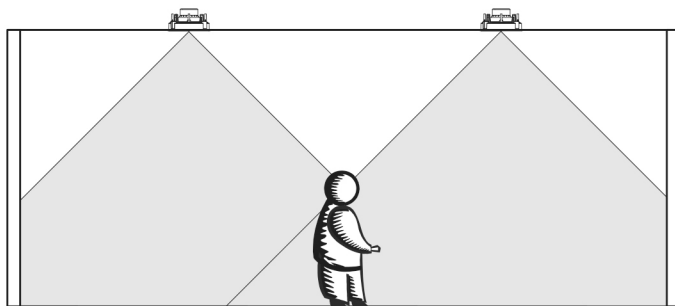
IN WALL PLACEMENT - HOME THEATER

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.



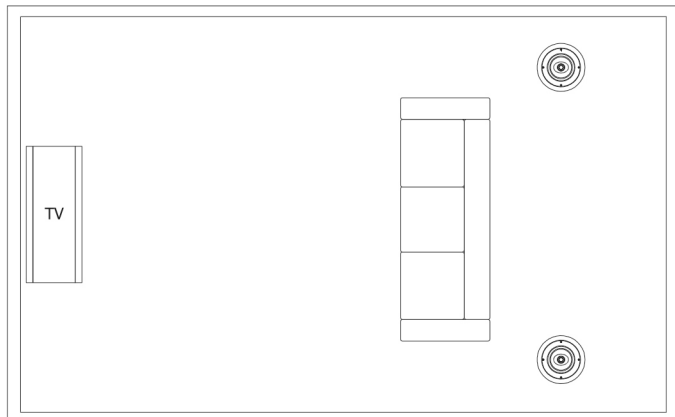
IN CEILING PLACEMENT - STEREO

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 Xscace 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 wall studs. Tap the wall 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 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 - WALL INSTALLATION

Step 6

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

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

Step 7

Pull the cable slack through the hole in the wall 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 the Flexbar screws towards the front of the speaker. Place the speaker into the cutout in the wall.

Step 9

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



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 Xscace 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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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.

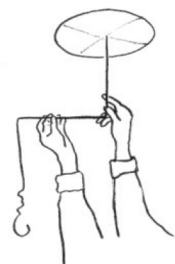


Note: Read step 5 about running wire before deciding on a final speaker location.



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 Xscace 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.

Aspen 8.5" 2-Way Ceiling Speaker

SPECIFICATION

Tweeter	25mm Titanium Dome
Woofer	8.5" Aluminum Cone W/ Rubber Edge
X'over	12dB
X'fmr	N/A
Grille	Magnetic Grille