



Note: Please read this application guide before beginning installation. This application guide is presented in good faith to help in the use of Kirei EchoPanel® products. Kirei accepts no responsibility for installation actions taken or not taken. This document is not intended as an all-encompassing guide, your knowledge as an experienced installer needs to be applied. This application guide contains only recommendations; if you have any questions about installation techniques please contact Kirei at info@kireiusa.com or 619.236.9924

ECHOSCREEN SPECIFICATIONS

EchoScreen Acoustic screens can be hung from ceilings and walls either singly or arrayed in groups.

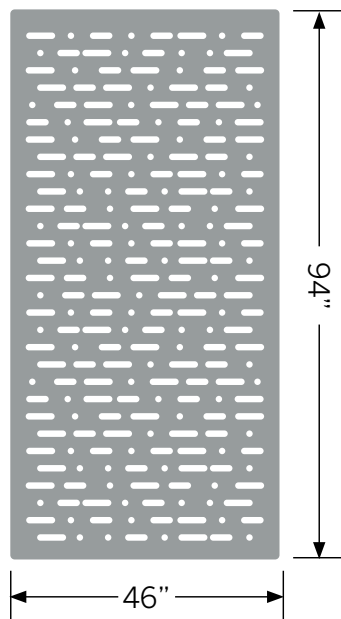
PARTS FOR HANGING SCREEN:

A Single EchoScreen Hanging Acoustic Screen comes with the following parts:

- (1) 40" Aluminum Channel Track
- (2) Fastener Sets
- (2) 1/4"-20 Square Nuts
- (2) 1/4"-20 Eyebolts (for hanging with looped cable or chain)
- (2) 1/4"-20 x 3/4" Set Screws (compatible with most aircraft cable suspension hardware.)
- (2) #8 x 1/2" Mounting Screws

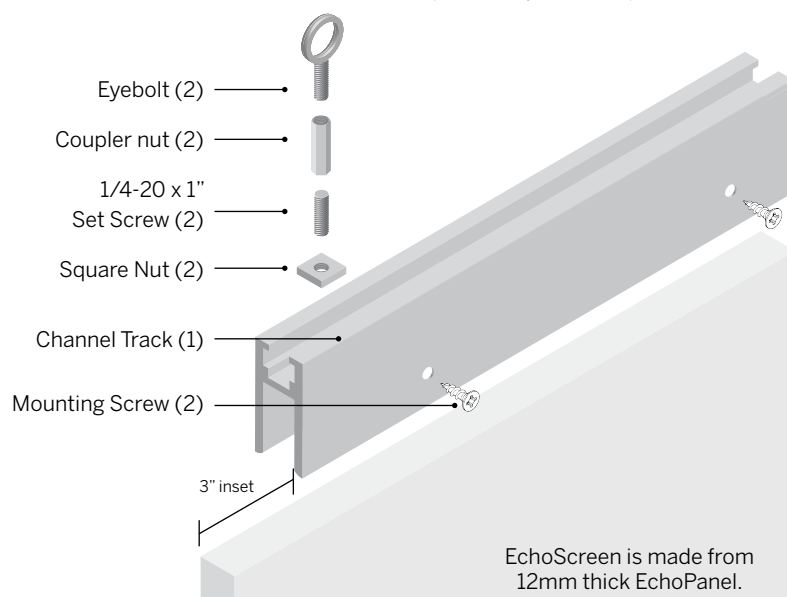
Note: Ceiling mounting hardware not included.

ECHOSCREEN DIMENSIONS



ECHOSCREEN ATTACHMENT HARDWARE

(Included per screen)



HANGING 2 ECHOSCREENS:

- When ordering a pair of EchoScreens to be installed side by side, a single 88" Channel Track is included with (3) Fastener Sets.

HANGING 3 ECHOSCREENS - TRIPTYCH SERIES:

- The Triptych Series of three EchoScreen panels includes (2) 66" Channel Tracks and (4) Fastener Sets to enable even hanging.

HANGING 4 OR MORE ECHOSCREENS:

- When installing 4 or more abutted (sequential) EchoScreens, even numbers of panels will include 66" Channel Tracks for each end and 40" Channel Tracks for the center panels. Odd numbers of screens will include a 66" Channel track for each end and 88" Channel Tracks for the center panels.

Note: If a different mounting arrangement is desired, please contact Kirei to determine what mounting hardware is required.

PARTS FOR WALL-MOUNTED SCREEN:

A Single EchoScreen Wall-Mounted Acoustic Screen comes with the following parts:

- (6) standoffs

**RECOMMENDED TOOLS:**

- Drill/Screw Gun
- Hex Driver (4mm) for Hanging Screens

PREFERRED ASSEMBLY & INSTALLATION:

EchoScreen can be hung singly or arrayed in groups, either abutted edge to edge or hung with a reveal between panels. Depending on reveal desired, additional channel track and/or hardware may be required.

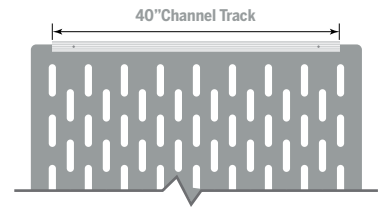
CHANNEL TRACK ASSEMBLY

Insert square nuts into track, hand-thread set screws into square nuts. Set to desired position, then tighten set screws with 4mm hex driver. If needed, attach coupler nuts and eyebolts or attach specified mounting hardware or cable. Check level after installation. Insert EchoScreen into Channel Track and fasten using supplied mounting screws as below.

ECHOSCREEN ASSEMBLY & INSTALLATION

Single Hanging Screens:

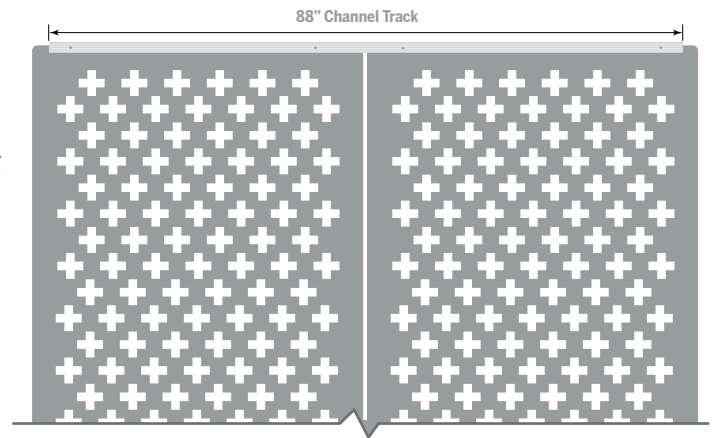
Assemble on a clean flat surface, mounting the Channel Track on center to the top of the screen using #8 x 1/2" Mounting Screws. Channel track will sit indented 3" from the edge of the screen.



Paired Hanging Screens:

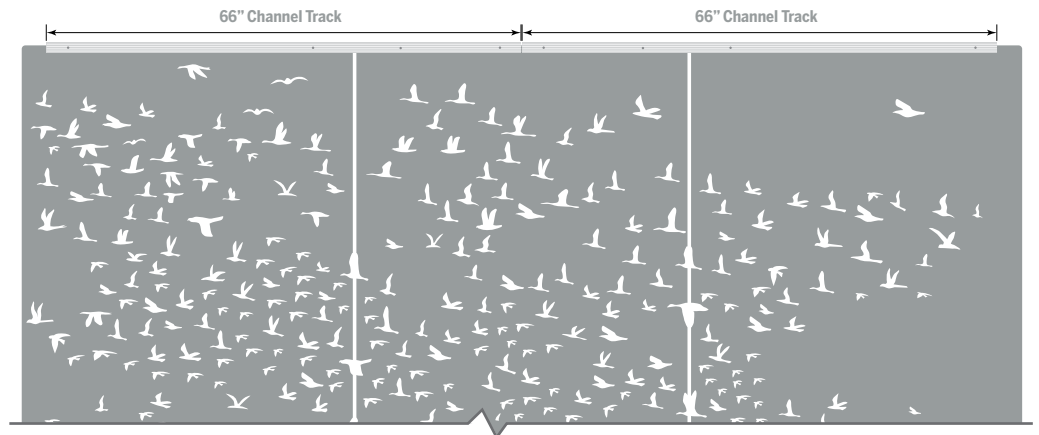
Best assembled with 2-3 persons. Pre-assemble on a clean, flat surface. Start by mounting the Channel Track to the 2-screen set on-center and position the fasteners for the specified suspension hardware. When the hanging hardware is in position, two people can carefully lift and support evenly the screen set while the 3rd person connects and levels the assembly.

NOTE: If no floor space is available, you can pre-mount the Channel Track to the suspension system and install each screen individually with one person holding the screen in position and the second fastening it to the Channel Track.



Triptych Hanging Screens:

Best assembled with 2-3 persons. Due to the size, we strongly recommend first hanging the Channel Track to the suspension system and installing the center screen first. This connects the Channel Tracks and provides a stable assembly for mounting of the two remaining screens.



4 or more EchoScreens

Best assembled with 2-3 persons. For these larger sequential screen installs, follow the Paired or Triptych assembly guidelines depending on quantity and sequence of EchoScreens. Kirei will provide required hardware and assembly instructions based on project need.

WALL/GLASS MOUNT

Wall Mount Screens are offered standard with (6) aluminum stand-offs per panel. Glass mounting options are available upon request.

Wall Mount Screens can be installed with 2 persons. Start by establishing level installation line. Hold the screen in position against the wall and mark the stand-off wall mounting points using the predrilled mounting holes in the screen. Set screen aside and drill hole for drywall anchor or pilot hole if mounting to structural substrate. Install stand-offs to wall, support screen up against standoffs, align to holes and thread in stand-off caps starting at the top.

ECHOSCREEN CUTOUT REMOVAL

After the screens are installed, remove the precut cutouts by hand. Support back of screens firmly, and press out cutout shapes by hand using gentle firm pressure with finger or blunt instrument such as the eraser end of a pencil. **TAKE CARE NOT TO PUT EXCESSIVE PRESSURE ON UNSUPPORTED SCREENS TO AVOID CREASING.** If cutout shape is not fully cut through, an Exacto-type blade may be used to cut any remaining material.

WHAT IS ECHOPANEL®?

EchoPanel® is a decorative acoustically absorbent panel with a felt-like finish. EchoPanel® is made from 100% PET plastic which depending on the color, contains up to 60% post-consumer content. EchoPanel® is also recyclable in the PET waste stream.

HOW IS ECHOPANEL® USED?

EchoPanel® is used as a decorative sound reducing panel. It can be installed on walls, ceilings, in office furniture systems, decorative tiles, and even finished products. It is also tackable for a multipurpose solution in office spaces or educational facilities.

CUSTOM ECHOPANEL SIZES:

Custom thickness and sizes may be available. Minimum order quantities will apply. These sizes and quantities are available on request through Kirei at info@kireiusa.com or 619.236.9924.

HANDLING AND STORING:

EchoPanel® panels and tiles should be stored flat. Storage areas should be clean, dry, cool, and well ventilated. EchoPanel® is a soft material which may be damaged by impression or impact, and may be soiled by contact with dirty surfaces or hands. Maintain clean work surfaces and wear clean gloves while handling EchoPanel®. All EchoPanel® products are inspected prior to shipment. Kirei is not responsible for damage in shipment or in storage; customers should carefully inspect all items at time of delivery and note any obvious damage on the delivery receipt. For the customer's protection subsequently discovered concealed damage must be reported immediately to the carrier. Claims to Kirei will not be considered if the sheet has been worked by the customer or others. No claims for labor charges will be allowed in any circumstances.

HANDLING AND STORAGE GUIDELINES:

- Carefully inspect all material at time of delivery and note any obvious damage on the delivery receipt.
- Store EchoPanel® sheets horizontally, with support under full sheets.
- Keep EchoPanel® sheets as clean as possible during storage. Both sides of EchoPanel® should be kept free from grease, wax, dust, and chips that could leave impression.
- Store EchoPanel® sheets indoors, in a dry, cool, well-ventilated area.
- Avoid exposure to heat 150°F (65°C) or greater.
- Keep table tops clean to avoid scratching the sheets.
- Before cutting the sheets, inspect the whole sheet for defects, then recover for protection during fabrication.
- Wear clean gloves when handling the sheets.
- Do NOT store EchoPanel® sheets near radiators, steam pipes, or in direct sunlight.

CLEANING AND CARE:

Remove dust and dirt by dusting, vacuuming, or with a soft cloth or sponge and a solution of carpet or upholstery shampoo. Always use a soft, damp cloth and blot dry. Spot cleaner such as ZEP Commercial Instant Spot Remover has been used with success for light soil. No guarantee is given for cleaning results with this product.

WORK SAFETY:

In the interest of work safety, it is recommended that people working with Kirei EchoPanel® wear the appropriate safety equipment. Although the product emits zero off-gases, masks and gloves should be worn to ensure the maximum possible safety precautions. For an MSDS form, please contact Kirei at info@kireiusa.com or 619-236-9924.