

# EchoPanel EchoCloud Installation Guide

## EchoCloud Specifications

### What is EchoCloud?

EchoCloud is a sound-absorbing ceiling system designed for high ceiling spaces. Use EchoCloud for tricky spaces that create unwelcome echo. EchoClouds are made of 12mm EchoPanel, which is a decorative acoustically absorbent panel with a felt-like finish. EchoPanel is made from 100% PET plastic which, depending on color, contains up to 60% post-consumer content. EchoPanel is also recyclable in the PET waste stream.

### How is EchoCloud used?

EchoClouds are hung from the ceiling with cables and Kirei-supplied hanging hardware. (Please note that cables and hardware that attaches directly to the ceiling are not provided by Kirei.)

## Included EchoCloud Parts

- EchoCloud(s) as ordered
- One of the two hanging hardware options:
  - Option 1: Height-adjustable GripLock Cable Set (suitable for Round EchoClouds)
  - Option 2: Proprietary, laterally adjustable Cloud Track (Corresponding quantity of assembly screws plus ¼"-20 nuts, eyebolts and set screws for the installer to properly align and attach their specified cable drops.)

NOTE: Installers are responsible for 1/16" aircraft cable and the code-compliant ceiling mounting hardware.

## Preferred Installation

Due to the great variance in overhead environments, our guidelines are meant to provide suggested placement only. Exact placement and suspension methods are subject to design specification, regional code, site-specific requirements and installer judgment.

Please see the next pages for EchoCloud installation options based on hardware selection.

**Installation Option Note: We recommend the GripLock Cable Sets for circular shaped clouds and the Cloud Track for all other shapes.**

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## Option 1: Cloud Track Set Installation

**Step 1:** Determine location of install and position of suitable attachment points relative to the size, shape and pattern of each EchoCloud.

**Step 2:** Using these dimension, symmetrically mount the Cloud Track within the suggested 4"- 8" inset from the edge of the Cloud using the provided #8 x 1/2" Screws

**Step 3:** Select the appropriate Eyebolts or Set Screws, thread into Square Nuts, slide into position along the Track and tighten.

**Step 4:** Attach installer supplied ceiling mounting hardware and make cable drops

**Step 5:** Determine specified height from floor, attach cable drops to cloud track, and level.

*Note: Installers need to supply 1/16" aircraft cable and ceiling mounting hardware.*



## Option 2: GripLock Cable Set Installation

**Step 1:** Determine location of install and position of suitable attachment points relative to the size, shape and pattern of each EchoCloud

**Step 2:** Using these dimensions, symmetrically mount Cable Grippers with the suggested 6"-10" inset from the edge of the Cloud.

**Step 3:** Using provided screws and washers, mount Cable Gripper positioning the washer under the Gripper and screw snug. (To prevent dimpling on the underside, do not over-tighten)

**Step 4:** Assemble the Cable Splitter with provided Ball-End Cables and adjustable Gated Hooks and mount to the Cable Grippers.

**Step 5:** The EchoCloud assembly is now ready to attached to the installer provided 1/16" cable drop.

*Note:*

- Cables Sets come with a height-adjustable multiple splitter and 3 or 4 ball ends cables with adjustable gripper gated hooks.
- Cable set most recommended for Round EchoClouds since the single cable drop allows for rotation or spin.
- Although Large Rectangle or Oval Clouds can be suspended with (2) Cable Sets, leveling may a challenge due to size.



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Shape	Cloud Track Quantity and Lengths	GripLock Cable Sets Quantity and Format
3D Hex	(2) 24" Tracks	(1) 3-way Cable Set
Flat Rectangle Small	(2) 32" Tracks	(1) 4-way Cable Set
Flat Rectangle Large	(2) 80" Tracks	(2) 4-way Cable Set
Flat Square Small	(2) 12" Tracks	(1) 3-way Cable Set
Flat Square Large	(2) 32" Tracks	(1) 4-way Cable Set
Flat Hex	(2) 24" Tracks	(1) 3-way Cable Set
Flat Oval	(2) 80" Tracks	(2) 4-way Cable Set
Flat Circle Small	(2) 12" Tracks	(1) 3-way Cable Set
Flat Circle Medium	(2) 24" Tracks	(1) 3-way Cable Set
Flat Circle Large	(2) 32" Tracks	(1) 4-way Cable Set
Deep Square Small	(2) 12" Track	(1) 3-way Cable Set
Deep Square Large	(2) 32" Track	(1) 4-way Cable Set
Deep Rectangle Small	(2) 32" Tracks	(1) 4-way Cable Set
Deep Rectangle Large	(2) 80" Tracks	(2) 4-way Cable Set
Deep Hex	(2) 24" Tracks	(1) 3-way Cable Set
Perforated Flat Rectangle Small	(2) 32" Tracks	(1) 4-way Cable Set
Perforated Flat Rectangle Large	(2) 80" Tracks	(2) 4-way Cable Set
Perforated Flat Square	(2) 32" Tracks	(1) 4-way Cable Set
Perforated Flat Oval	(2) 32" Tracks	(1) 4-way Cable Set
Perforated Flat Circle	(2) 32" Tracks	(2) 4-way Cable Set

## 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, EchoCloud Spec Sheet, or more information regarding this product, please contact Kirei at [info@kireiusa.com](mailto:info@kireiusa.com) or 619-236-9924.