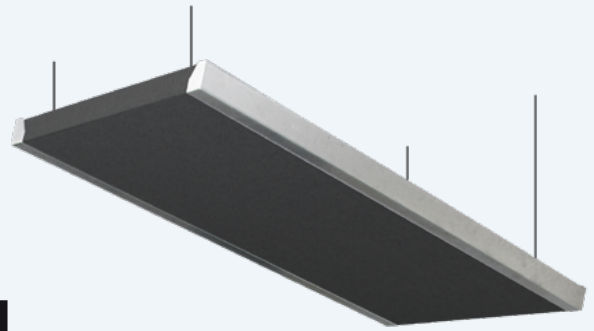# Installation Manual

BROADWAY
Stratus Studio Cloud

Congratulations on purchasing the Stratus cloud kit from Primacoustic. The Stratus is an easy to assemble acoustic cloud system that will absorb powerful primary reflections above your listening position and look great for years to come. The Stratus may be installed in one of two ways. Suspended installation uses tie-wire to hang the cloud. Flush installation attaches the Stratus directly to the ceiling. Which method you use will depend on the ceiling height and layout of your room.

Please take a few minutes to read through this assembly & installation manual. It will give you a list of included parts, as well as step by step assembly instructions and installation options. Please refer to www.primacoustic.com for general room acoustics information and further details. Should you have any questions or comments, we invite you to send an email to: info@primacoustic.com.

Box Contents:

Before beginning installation, please take a moment to familiarize yourself with the box contents.

2x
Broadway Acoustic Panels
48" x 24" x 2" (1,219mm x 610mm x 51mm)
Actual appearance may vary, depending on model purchased

Side Rails **2x**
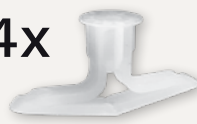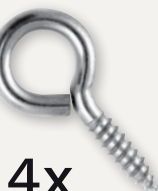
Crossbars **2x**

Link Brackets **2x**

8x 1" (25mm) Bolts

8x ½" (12mm) Screws

4x Butterfly Anchors

4x Eye-Screws

8x Nuts and Locking Washers

**4x** SlipNot

Primacoustic®

Tools & materials required:

- Drill with 5/16" (7.9mm) and 1/8" (3.2mm) bits
- Phillips Screwdriver
- Wire Cutters
- Bubble Level
- Hammer and Nail
- Ladder

Installation - Suspended

1. Attaching the Hardware

Rest each panel on a clean, flat surface with the fabric side facing down. Slide the two aluminum side rails over the long edges of the panel with pilot holes facing up. Attach the two crossbars between the side rails using the eight ½" (12mm) Phillips screws.

1. Panel
2. Side Rails
3. Crossbars
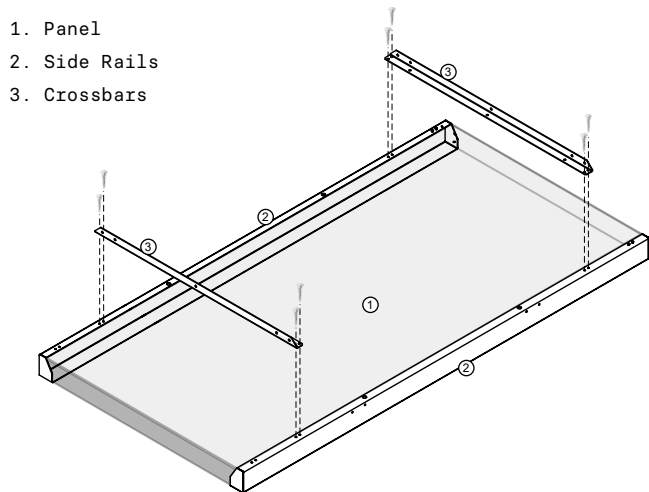
2a. Suspending a Single Cloud

The ceiling anchors should be installed directly above the mounting points on the cloud, even if you intend to hang the panel at an angle. The diagram below shows the spacing of the mount points. A template made from some scrap card may help with marking these on the ceiling.
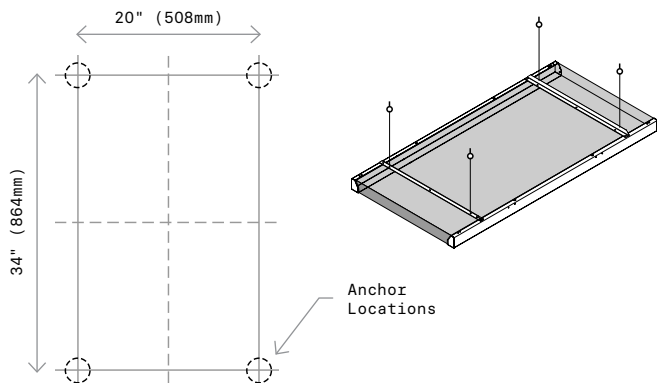

2b. Linking Multiple Clouds Together

Stratus cloud kits may be linked together using the supplied 8" linking brackets. Attach each additional kit together at the crossbars using the two link brackets, eight bolts, eight locking washers and eight hex nuts.
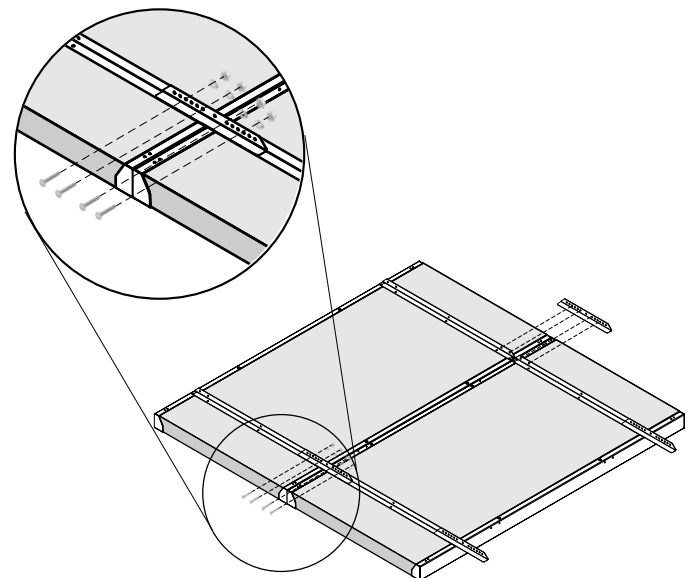

As with single clouds, ceiling anchors should be installed directly above the mounting points on the clouds. The diagram below shows the spacing of the mount points.
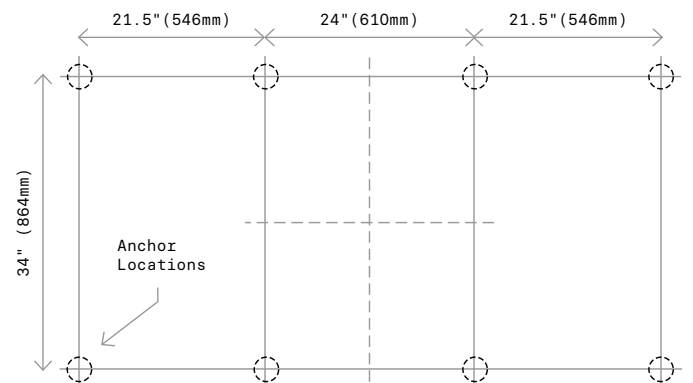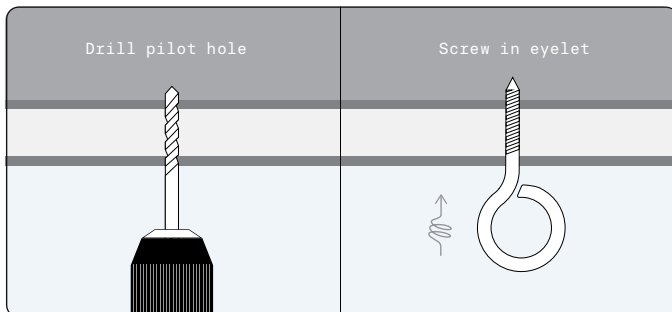
3. Installing Ceiling Anchors

If a stud-finder is not available, probe your ceiling to find out if there is a solid or hollow backing. Using a hammer, tap a nail into each ceiling anchor location to determine the backing. If the backing is solid continue to the next step. If the backing is hollow, skip to step 5.
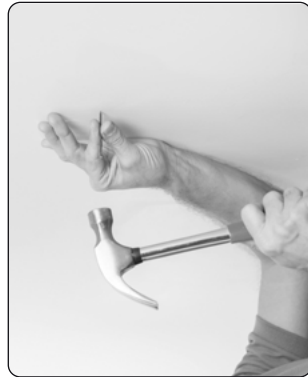

4. Installing in a Solid Backed Ceiling

If one or more of your ceiling anchor locations is on a solid backing, such as a joist, you don't need to use the included butterfly anchors. In such a case, use a ⅛" drill bit to make a pilot hole and screw the eyelet-screw in directly.

Drill pilot hole	Screw in eyelet

5. Installing in a Hollow Backed Ceiling

If the backing above your ceiling is hollow, use a $^5/_{16}$" (7.9mm) drill bit to make a hole for the butterfly anchor and follow the steps below. Repeat the anchor and eyelet-screw installation until all your suspension points are ready.

| Fold Anchor	Tap in	Screw in eyelet
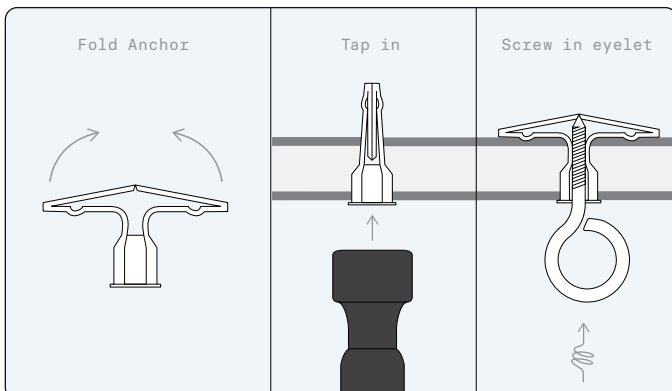
7. Attaching the Ceiling Eyelets

Remove the hook from the SlipNot cable by pushing in the center pin. Feed the wire through the ceiling eyelet, then through the looped end of the wire. Reattach the hook by pushing the wire through the center pin.
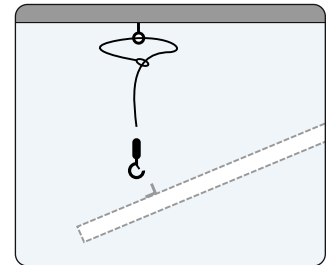

With the help of another person, lift one end of the Stratus or array up and clip the SlipNot hooks through the holes in the crossbar (single cloud suspension) or the link bracket (linked cloud suspension).
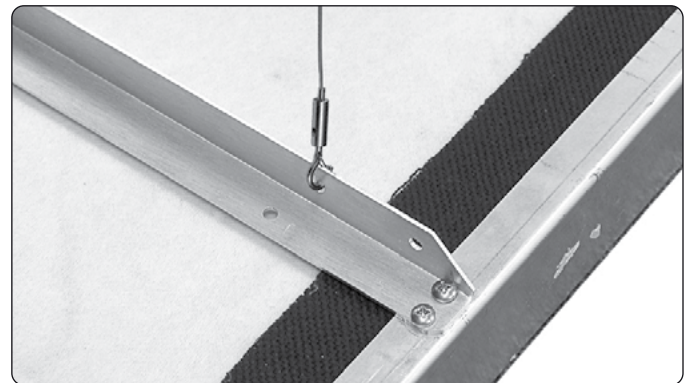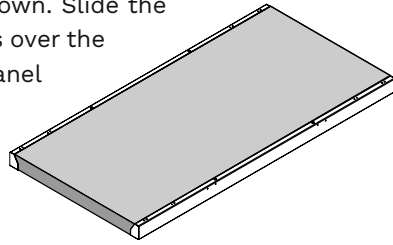

8. Adjusting the Suspension Height

Push the center pin of the SlipNot and pull the cable to adjust the height and level the Stratus cloud. Trim any excess cable with the wire clippers.
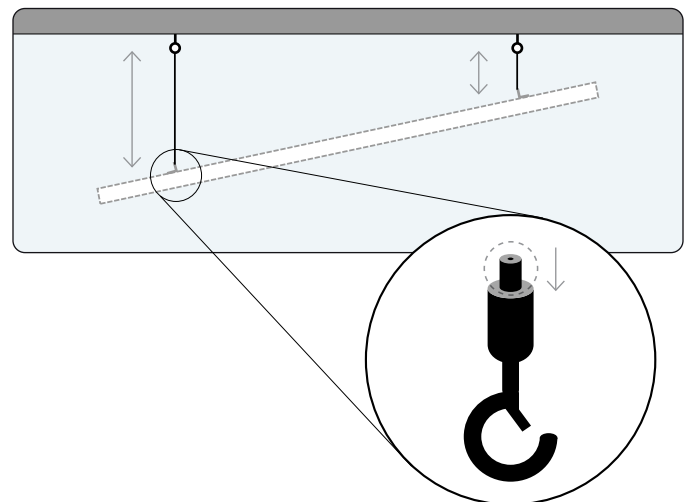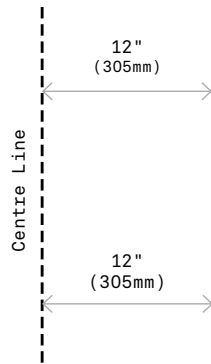
Installation - Flush

1. Attaching the Hardware

Rest the panel on a clean, flat surface with the fabric side facing down. Slide the two aluminum side rails over the long edges of the panel with pilot holes facing up. Do not attach the crossbars to the side rails at this stage.

After the first crossbar is mounted to the ceiling, measure 23 $^5/_{16}$" (592mm) across to mark the position of the next pair of anchors.
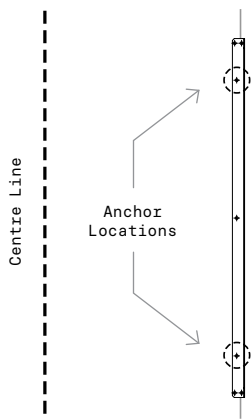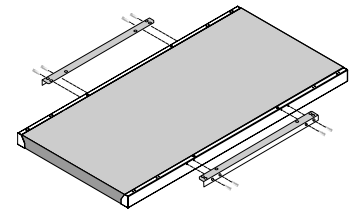
23 $^5/_{16}$" (592mm)

Anchor Locations

23 $^5/_{16}$" (592mm)

23 $^5/_{16}$" (592mm)

2. Mounting the Crossbars

With a straight edge, mark a pencil line on the ceiling where you would like the centre of the cloud to sit. Measure 12 inches (304.8mm) to the right of the center mark and mark a pencil line parallel to the center line.

12" (305mm)

Centre Line

12" (305mm)
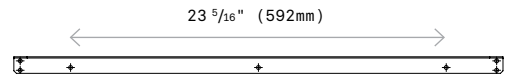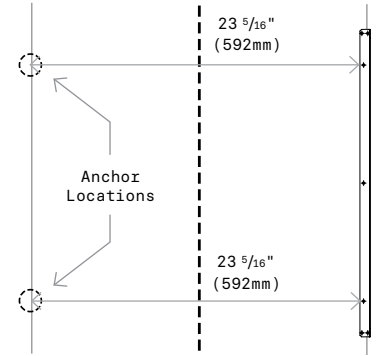
The crossbar itself makes a helpful guide for this, as the distance between the two holes is also 23 $^5/_{16}$" (592mm).

Mount the second crossbar in the same way as the first.

Centre Line

Anchor Locations

Hold the right crossbar up to the pencil line and mark the locations for the anchors.

Follow the instructions in the previous section for installing the ceiling anchors.

NOTE: Use #6 - #14 (3.5mm - 6mm diameter) 1½" (39mm) screws (not included) to fasten the crossbars to the ceiling anchors.
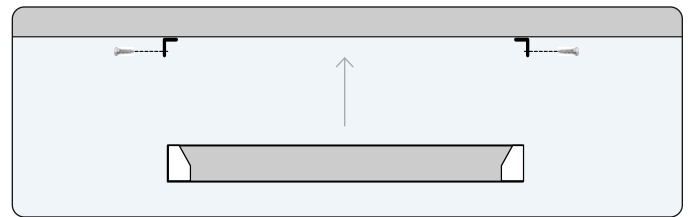
3. Mounting the Cloud

With the help of another person, lift the Stratus kit up to the ceiling. Align the pair of holes on the side rails to the mounted crossbars. Use eight ½" (12mm) Phillips screws to attach.

Limited Warranty