Manuals+ — User Manuals Simplified.

ALTA LABS AP6 Audio and Networking Distributor

ALTA LABS AP6 Audio and Networking Distributor User Guide

Contents

ALTA LABS AP6 Audio and Networking Distributor

Specifications

- **Model:** AP6
- **Power:** PoE+ Switch or optional 48V, 0.5A PoE Injector
- **Mounting Options:** Ceiling Tile, Wall, T-Bar Ceiling Tile
- **LED Indicator Colors**: Blue, White, Off

Product Usage Instructions

Hardware Overview

Front:

- Logo Indicator
- LED Illuminates white by default when AP is online and functional. Can be changed to blue, white, or off in the Alta app or management interface. Flashes when booting.

Back

- Reset Button: Press down for 10 seconds until the LED begins flashing to reset the AP to factory defaults.
- Ethernet Port: Connects to an Ethernet cable from your PoE+ Switch.

Hardware Installation

Ceiling Tile Mount

1. Remove the appropriate ceiling tile.
2. Align the Mounting Plate in the desired location flat on the tile (typically centred). Mark the areas for screws and

Ethernet cable.

3. Secure the Mounting Plate to the Ceiling Mount with the ceiling tile using the provided screws and nuts.

Wall Mount

1. Position the Mounting Plate and mark the holes.
2. If running cables along the wall, remove the notch on the AP.
3. Secure the Mounting Plate to the wall using the provided screws. Use anchors for drywall.

T-Bar Ceiling Tile Mount

1. Loosen pre-installed screws on Ceiling Mount for T-Bar clearance.
2. Rotate the Ceiling Mount around the T-Bar.
3. Tighten the screws and connect Mounting Plate with T-Bar Screws.

Connecting The AP

1. Connect the Ethernet cable from the PoE+ Switch or optional PoE Injector.
2. Connect the other end to the Ethernet Port on AP.
3. Align AP with Mounting Plate and slide down to lock into place.

FAQ

- **Q:** How do I change the LED indicator colour?
- **A:** You can change the LED indicator colour to blue, white, or off using the Alta app or management interface.
- **Q:** What do I do if I need to reset the AP to factory defaults?
- **A:** Press down on the Reset Button for 10 seconds until the LED begins flashing to reset the AP to factory defaults.

Before You Begin

Download the Alta app on your mobile device, and create your free Alta account.

You may also visit **manage.alta.inc** to manage your Alta devices.

Package Contents

AP6

Mounting Plate

Ceiling Mount

Anchors
(Qty. 2)

Wall-Mount
Screws (Qty. 2)

Ceiling Tile
Screws (Qty. 2)
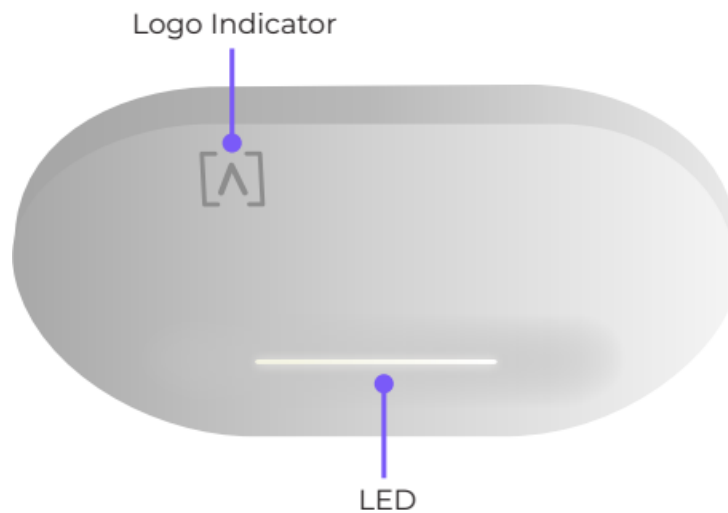
T-Bar Screws

Nuts

Rubber Feet

Note: Be sure to use the included mounting hardware for installation.

Installation Requirements

- Ethernet cabling (CAT 5 or above)
- 48V PoE+ switch or PoE injector
- Phillips screwdriver
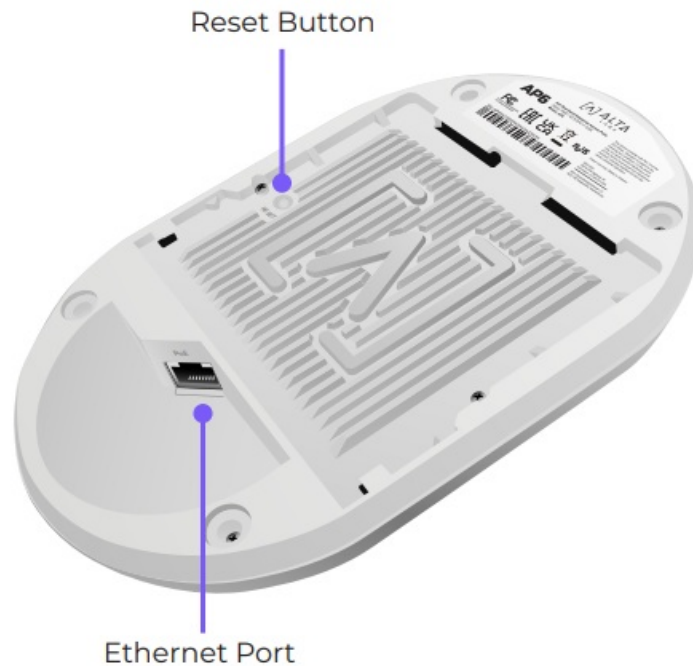- Drill and drill bit for wall or ceiling mounting

Hardware Overview

Front

- **Logo Indicator** If you need to remove the AP from the mount, use a flat-blade screwdriver to disengage the Mounting Plate here.
- **LED** Illuminates white by default when AP is online and functional. Can be changed to blue, white, or off in the Alta app or management interface. Flashes when booting.
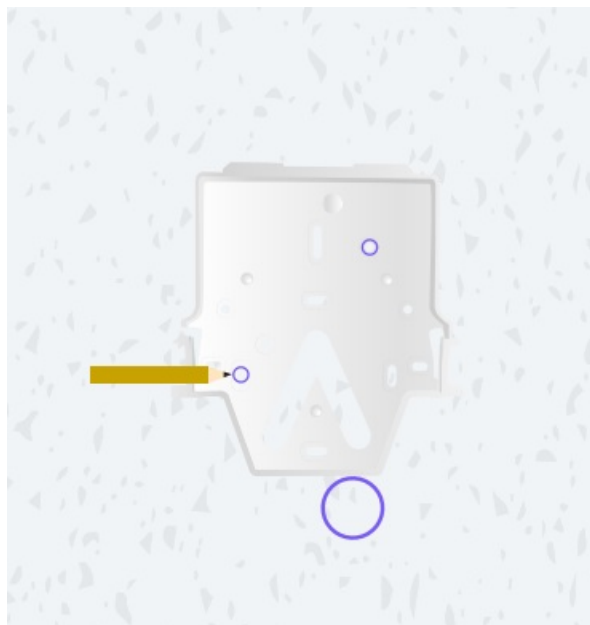
Back

Reset Button

Ethernet Port

- **Reset Button** Press down for 10 seconds until the LED begins flashing to reset the AP to factory defaults.
- **Ethernet** Port Connects to an Ethernet cable from your PoE+ Switch. An optional 48V, 0.5A adapter can be purchased and used to power the AP.
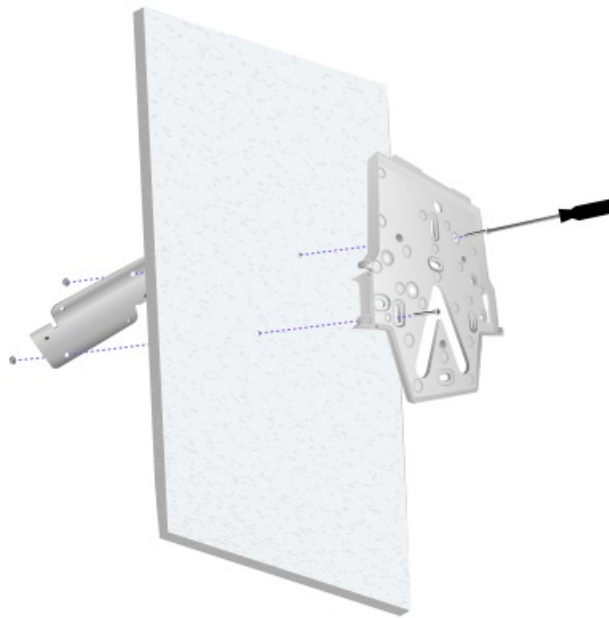
Hardware Installation

Ceiling Tile Mount

1. Remove the appropriate ceiling tile.
2. Align the Mounting Plate in the desired location flat on the tile (typically centred). Mark the areas indicated below for the screws and the Ethernet cable.
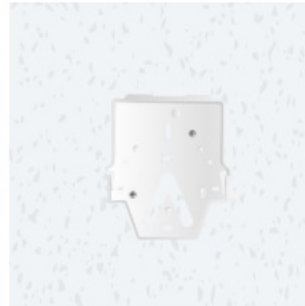

3. Secure the Mounting Plate to the Ceiling Mount with the ceiling tile using the two Ceiling Tile Screws and the two Nuts.
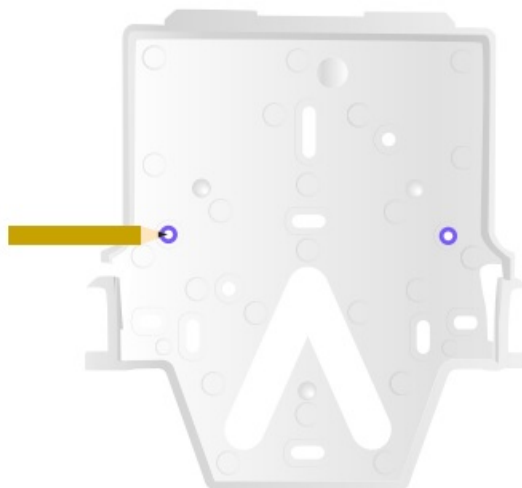
Assembled Top View   Assembled Bottom View

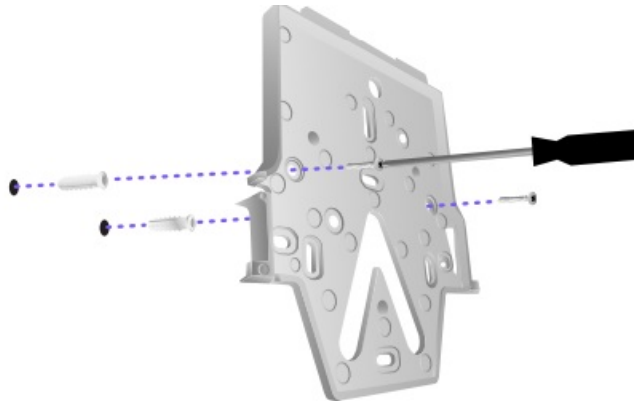Proceed to "Connecting The AP"

Wall Mount

1. Position the Mounting Plate in the desired location and use a pencil to mark the holes
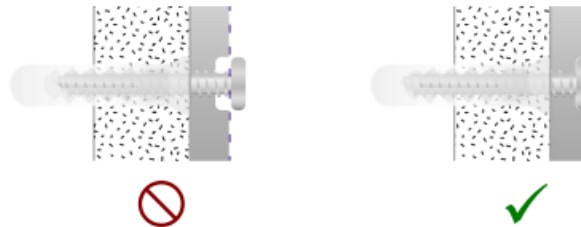

2. If running cabling along the wall, remove the notch on the AP

using the Wall-Mount Screws and a Phillips screwdriver. Be sure to use the screws included with the product. If mounting on drywall, use the anchors to ensure secure mounting. Use a 6 mm drill bit to drill the holes for the anchors and insert them in the wall.
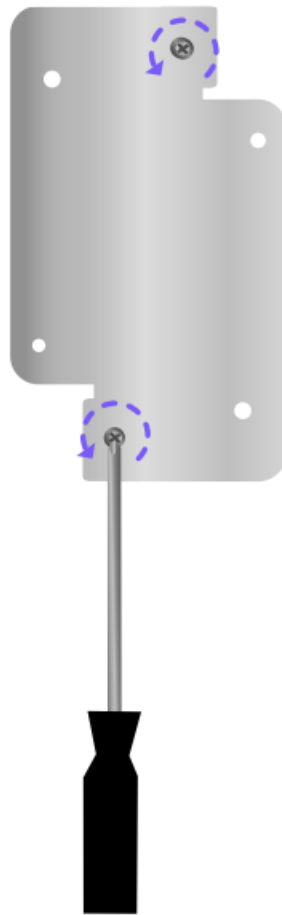

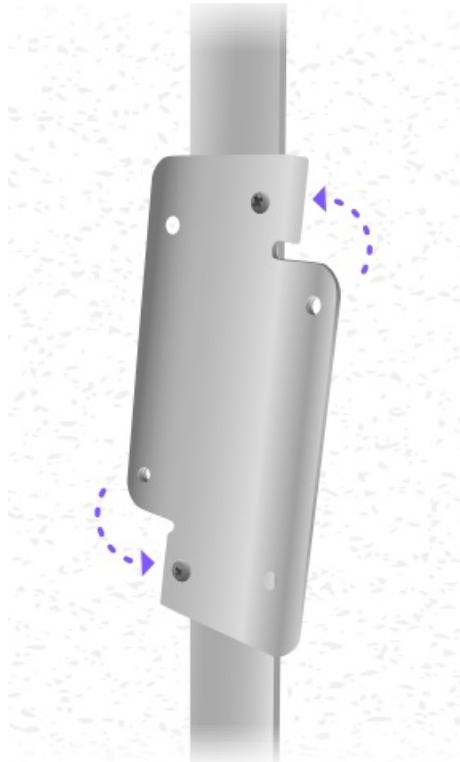**Note:** Ensure the included Wall-Mount Screws are flush with Mounting Plate.

Proceed to "Connecting The AP"
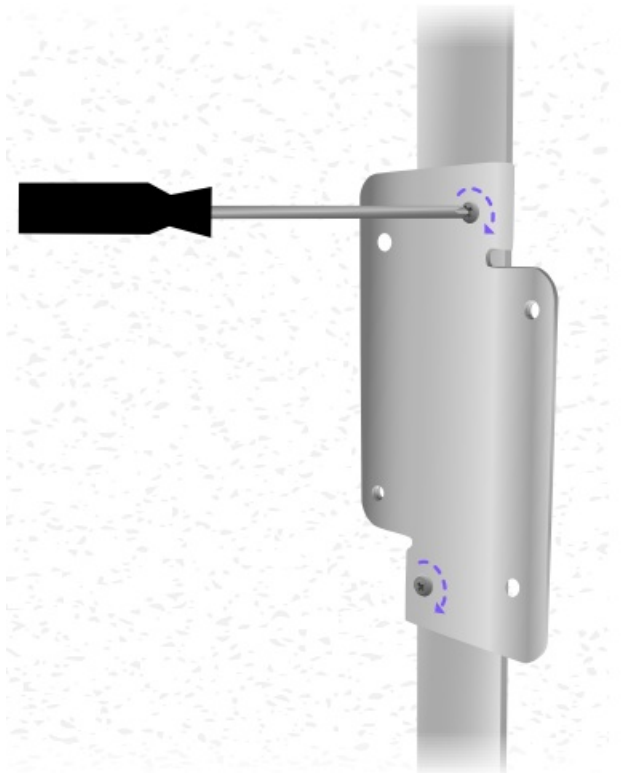
T-Bar Ceiling Tile Mount

1. Use a small Phillips head screwdriver to loosen the two pre-installed screws on the Ceiling Mount to allow enough clearance for the T-Bar.
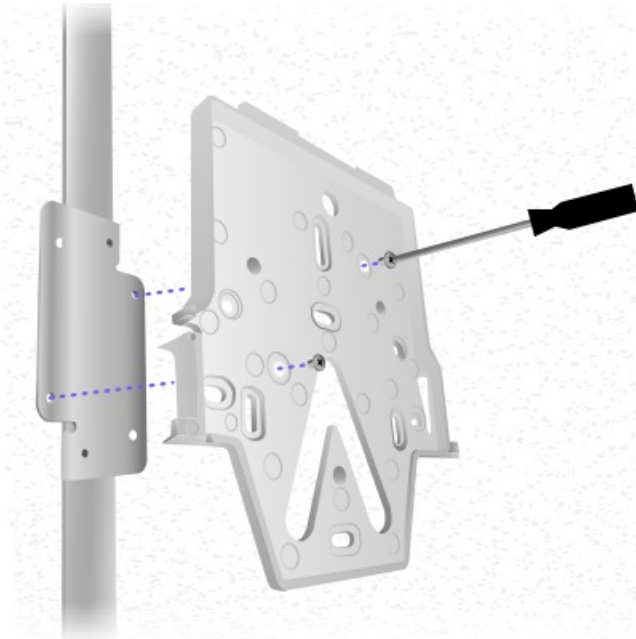
2. Rotate the Ceiling Mount around the T-Bar.

3. Tighten both screws using a Phillipsscrewdriver.

4. Connect the Mounting Plate to the ceiling mount with the T-Bar Screws.

Connecting The AP

The AP is powered over Ethernet, it can be powered by a PoE+ Switch or using an optional 48V, 0.5A PoE Injector.

1. Connect an Ethernet cable from your PoE+Switch (or optional PoE Injector).

2. Connect the other end to the Ethernet port on the AP. If mounting on the wall, the Ethernet cable can be fed

through the removable notch area.
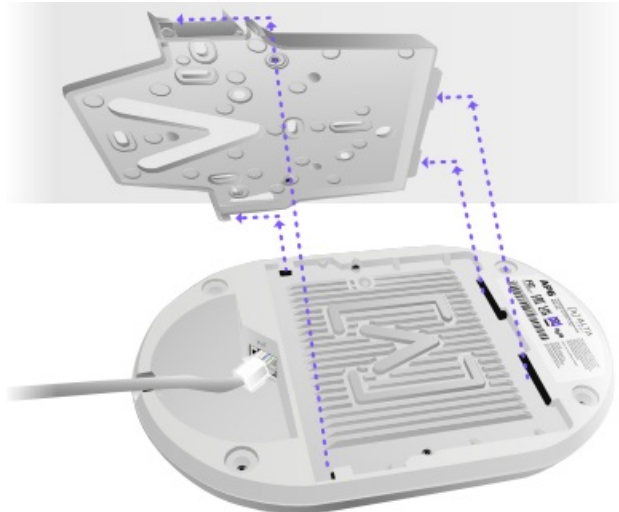

3. The port on the AP. If mounting on the wall, the Ethernet cable can be fed through the removable notch area.

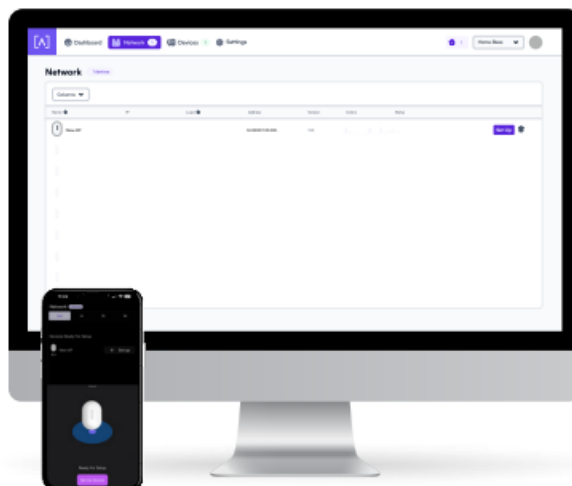4. Slightly tilt the AP right and then left as you slide the AP down the Mounting Plate to lock it into place.
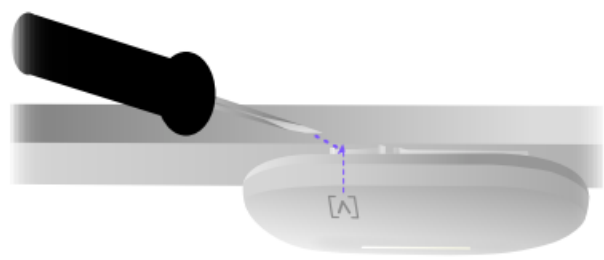

Set Up Your Device

1. Follow the instructions in the Alta app management interface to set up your AP.

Disconnecting the AP

If you need to remove the AP from the mount, use a flat-blade screwdriver to disengage the Mounting Plate at the logo indicator.

Specifications

Model: **AP6**	
Dimensions	190mm (7.5″) x 125mm (4.9″) 32mm (1.25″)
Weight	0.4 kg (0.9 lbs)
Mount Material	Ceiling/Wall: Polycarbonate Drop Ceiling: Steel
Network Interface	Ethernet, WiFi, Bluetooth
Management Interface	(1) GbE RJ45 Port
Button(s)	Reset/Factory Reset
LED	Blue, White
Power Method	PoE+
Power Supply	PoE+ Enabled Network Switch 48V, 0.5A PoE Adapter (Optional)

Supported Voltage Range	42.5-57V DC
Max. Power Consumption	20W
Max. Transmit Power	2.4 GHz: 23 dBm @2NSS 5 GHz: 23 dBm @2NSS
MIMO	2.4 GHz: 2 x 2 5 GHz: 2 x 2
Throughput Rate	2.4 GHz: Up to 573 Mbps 5 GHz: Up to 2.4 Gbps
Mounting	Wall, ceiling, drop-ceiling, tabletop
Operating Temperature	-30 to 60° C (-22 to 140° F)
Operating Humidity	5 to 95% Noncondensing
Certifications	CE, FCC, IC

FCC Statement

Compliance Federal Communication Commission
Interference Statement
This product has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference
to radio communications. Operations of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and

2. This device must accept any interference received, including interference that may cause undesired operation.

This device is restricted to indoor use.

Non-Modification Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

ISED Radiation Exposure Statement:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

The transmitter module may not be co-located with any other transmitter or antenna.

The Country Code Selection feature is disabled for products marketed in the US/Canada. For products available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible. disponibles aux

- Community Forum **forum.alta.inc**

- Technical Support **help.alta.inc**

- All specifications are subject to change without notice. Alta Labs products are sold with a limited warranty:

  alta.inc/warranty

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Documents / Resources

ALTA LABS AP6 Audio and Networking Distributor [pdf] User Guide
AP6 Audio and Networking Distributor, AP6, Audio and Networking Distributor, and Networking Distributor, Networking Distributor, Distributor

References

- **User Manual**