



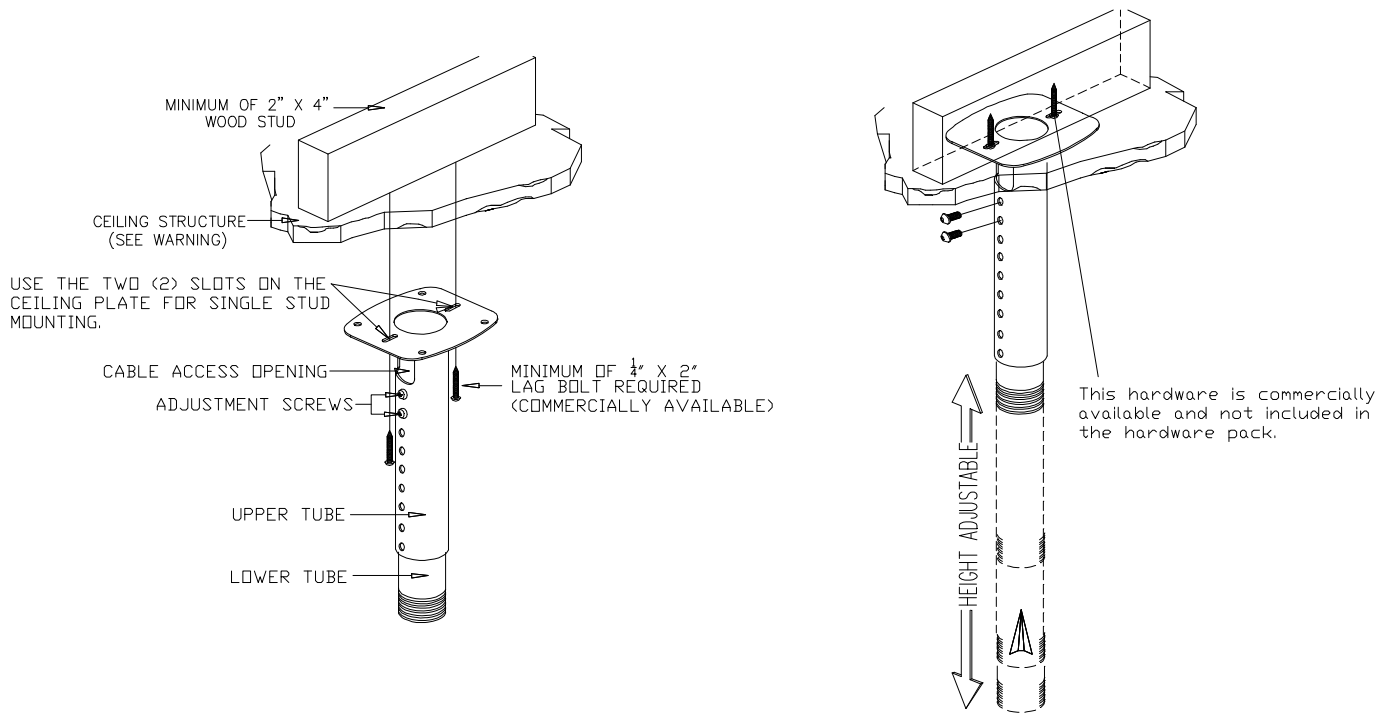
## AST-1321 INSTALLATION INSTRUCTIONS

### Single Stud Installation

1. Secure the ceiling plate to the ceiling structure (see WARNING).
2. Use suitable hardware (commercially available) depending on your installation environment to secure the two (2) mounting points found on the ceiling plate to the ceiling structure (Figure 1).
3. Refer to ceiling mount or adapter installation instructions to complete the installation.

**WARNING:** Do not attach equipment over 160 lbs to the AST-1321. The ceiling structure must be capable of supporting a minimum weight of 320 lbs. If not, the ceiling must be reinforced. Proper installation procedure by qualified personnel as outlined in the installation instructions must be adhered to. Failure to do so could result in serious personal injury.

**WARNING:** Make sure to hold the flat panel display, or projector, securely and remove it from the mount to make the height adjustment prior to loosening the adjustment screws. Loosen, remove, adjust then re-tighten the screws. Failure to do so could result in injury and or damage to the display or projector.



**NOTE:** TO SECURE THE PROJECTOR MOUNT OR MOUNT/ADAPTER TO THE AST-1321, REFER TO THE INSTALLATION INSTRUCTIONS.

**Figure 1.** AST-1321 Single Stud Installation

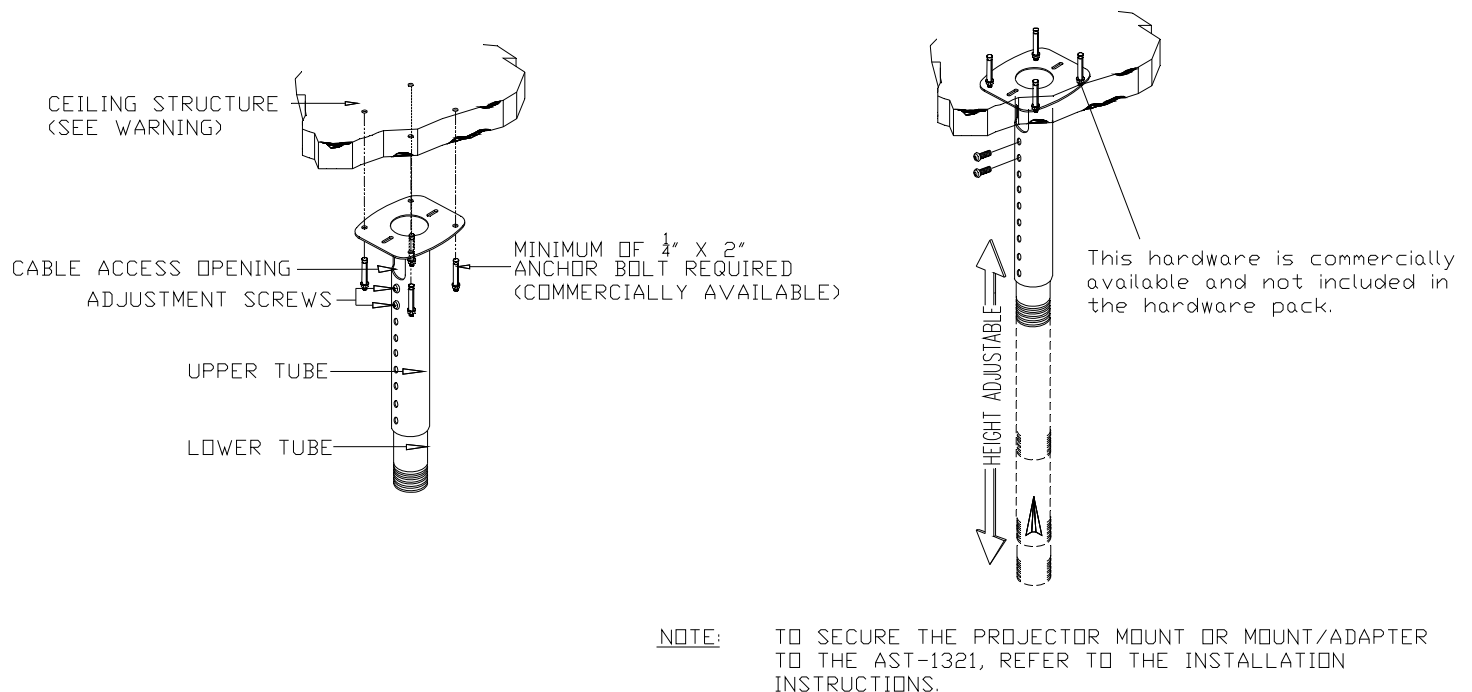


## Solid Structure Installation

1. Secure the ceiling plate to the ceiling structure (see WARNING).
2. Use suitable hardware (commercially available) depending on your installation environment to secure the four (4) mounting points found on the ceiling plate to the ceiling structure (Figure 2).
3. Refer to ceiling mount or adapter installation instructions to complete the installation.

**WARNING:** Do not attach equipment over 160 lbs to the AST-1321. The ceiling structure must be capable of supporting a minimum weight of 320 lbs. If not, the ceiling must be reinforced. Proper installation procedure by qualified personnel as outlined in the installation instructions must be adhered to. Failure to do so could result in serious personal injury.

**WARNING:** Make sure to hold the flat panel display, or projector, securely and remove it from the mount to make the height adjustment prior to loosening the adjustment screws. Loosen, remove, adjust then re-tighten



**Figure 2.** AST-1321 Solid Surface Installation