

## DOCUMENTATION

Use the provided template to determine the location of the mounting bolts. We have provided mounting bolts for sheetrock (the KAP toggles), wood (the LAG bolts), and masonry (the expansion bolts).

The enclosed Smart Box is fully assembled. Remove the VCR/DVD cover with the star-point security bit provided. Remove the fascia (where the SmartPanel is installed) by pulling the top towards you. It is held by clips at the top and hinges at the bottom. Slide the spring hinge pins towards the center. Remove the side panels by unscrewing the (5) 4-40 screws on each (one is on the bottom of the unit).

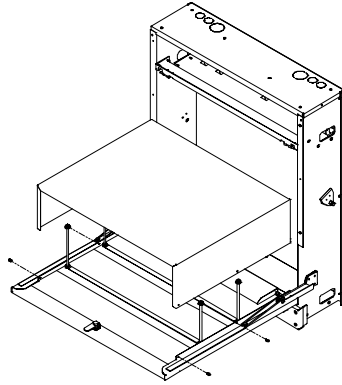
Mount the box to the wall. Install the VCR/DVD player and place the (2) brackets on the threaded rods. Use the (4) flange nuts provided to tighten the brackets onto the top of the VCR/DVD.

Route the wires from the VCR/DVD up the sides using the split tubing. Power should go up one side, video and audio up the other. Use the cable ties and bases to secure the tubing so that there is a sufficient service loop for the box to close and open without pinching or straining the cables.

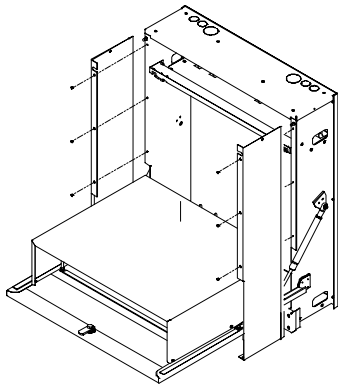
Re-install the VCR/DVD cover, the right and left sides. Re-Install the fascia after you have installed the Smart Panel in it.

If you are using a SP3-AFVP+, it can be mounted to the studs inside the top of the enclosure with the 4-40 nuts attached to this documentation.

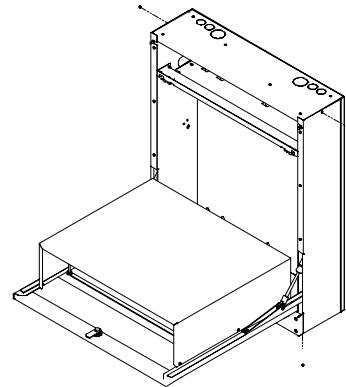
If you have questions, please call us at 877 367 8444 and we would be happy to walk you through the installation process.



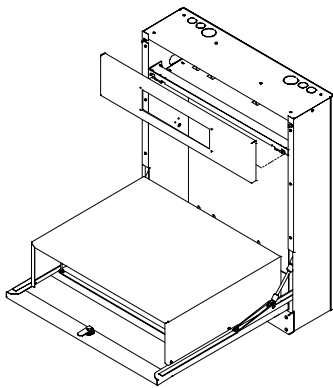
Install DVD/VCR  
COVER



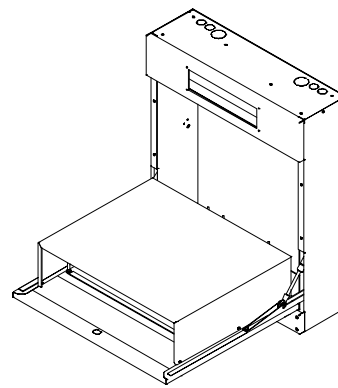
INSTALL SIDE COVERS  
front screws



INSTALL SIDE COVERS  
top & bottom screws



INSTALL FACIA



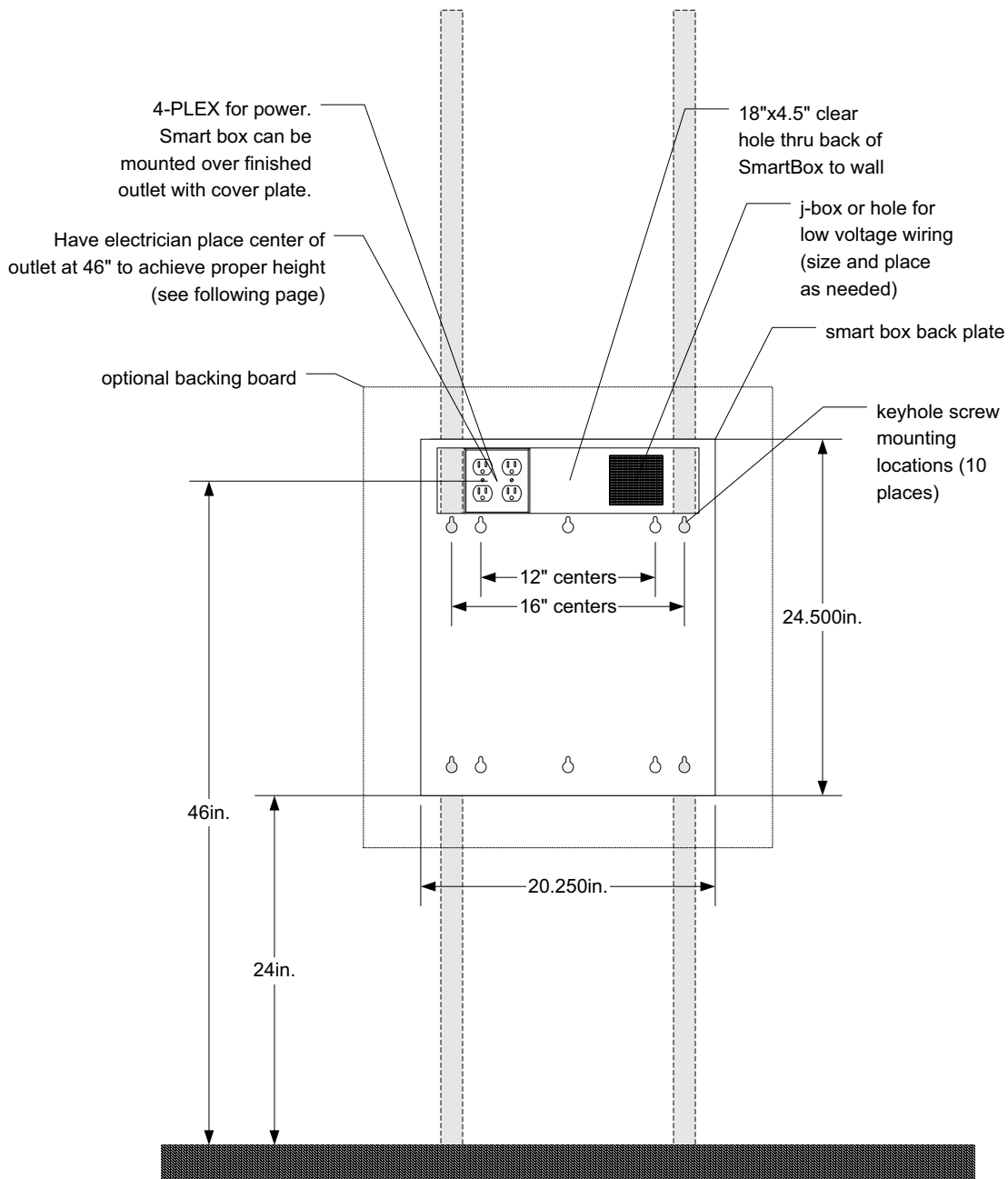
ASSEMBLED VIEW

## Smart Box Wall Preparation

The SmartBox can be mounted to masonry, wood, or sheet rock walls. It will come with mounting screws for each type. It is designed to be mounted over a finished electrical receptacle box. The back plate of the box has a hole for access to the power receptacles and low voltage wiring. Under no circumstances is high voltage wiring to be exposed inside the enclosure.

The SmartBox can mount on studs at 16" and 12" centers. The SmartBox can also be mounted to one center stud if no other options are available. A backing board should be specified in new construction if studs are at 24" centers.

The location of the power receptacle will determine the height of the final box. We recommend that the finished receptacle be mounted at 46" height. This will achieve the dimensions shown in Figure 2.

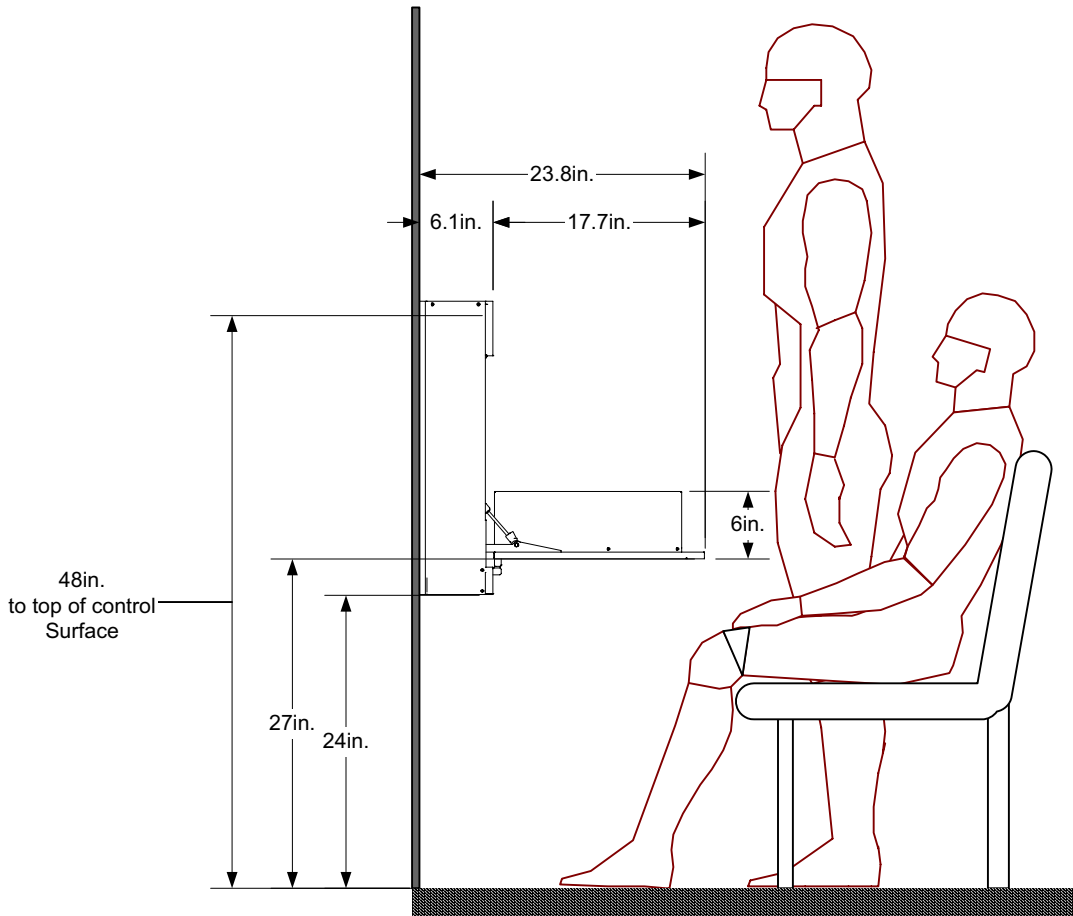


**Figure 1:**  
Smart Box wall Infrastructure

## ADA Compliance Notes

To the best of our knowledge, we believe that the following mounting arrangement will comply with ADA laws. It your responsibility to verify that your installation will comply with ALL federal, state, and local laws including ADA requirements.

We have provided the text an diagrams of the applicable ADA rules as a convenience. For more information visit <http://www.access-board.gov/adaag/html/adaag.htm#4.4>.



**Figure 2:**  
Smart Box Mounting Placement

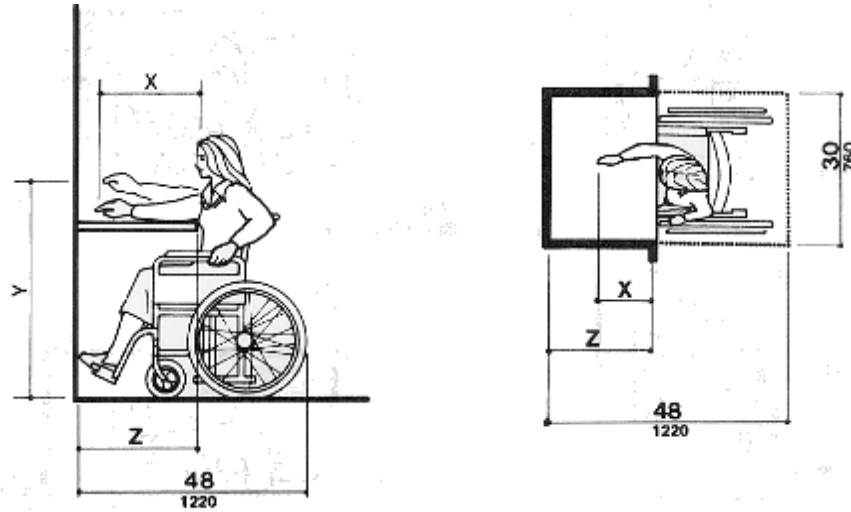
## Applicable ADA Regulations

### 4.4 Protruding Objects.

4.4.1\* General. Objects projecting from walls (for example, telephones) with their leading edges between 27 in and 80 in (685 mm and 2030 mm) above the finished floor shall protrude no more than 4 in (100 mm) into walks, halls, corridors, passageways, or aisles (see Fig. 8(a)). **Objects mounted with their leading edges at or below 27 in (685 mm) above the finished floor may protrude any amount (see Fig. 8(a) and (b)).** Free-standing objects mounted on posts or pylons may overhang 12 in (305 mm) maximum from 27 in to 80 in (685 mm to 2030 mm) above the ground or finished floor (see Fig. 8(c) and (d)). Protruding objects shall not reduce the clear width of an accessible route or maneuvering space (see Fig. 8(e)).

### 4.2 Space Allowance and Reach Ranges.

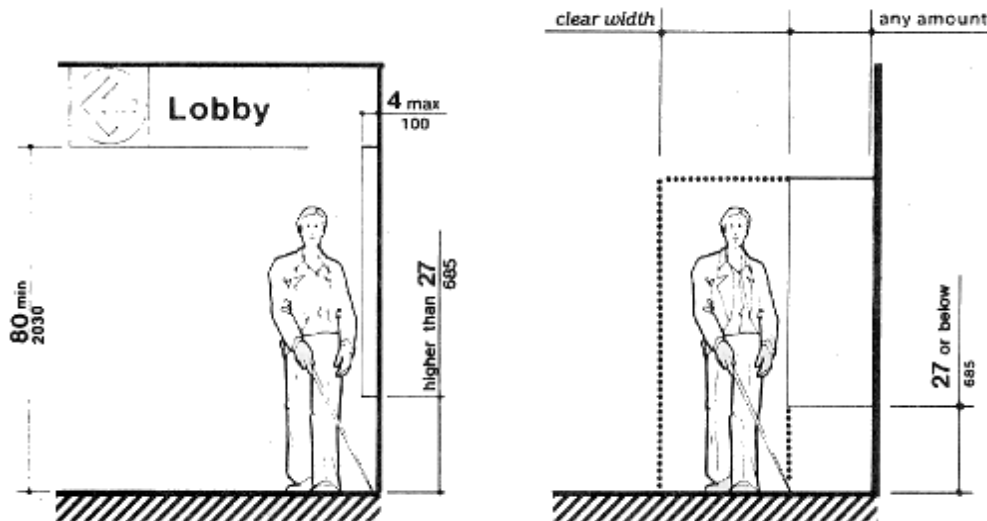
4.2.5\* Forward Reach. If the clear floor space only allows forward approach to an object, the maximum high forward reach allowed shall be 48 in (1220 mm) (see Fig. 5(a)). The minimum low forward reach is 15 in (380 mm). If the high forward reach is over an obstruction, reach and clearances shall be as shown in Fig. 5(b).



NOTE: x shall be  $\leq 25$  in (635 mm); z shall be  $\geq x$ . When x < 20 in (510 mm), then y shall be 48 in (1220 mm) maximum. When x is 20 to 25 in (510 to 635 mm), then y shall be 44 in (1120 mm) maximum.

**Figure 5b**  
**Maximum Forward Reach over an Obstruction**

The maximum level forward reach over an obstruction with knee space below is 25 inches (635 mm). **When the obstruction is less than 20 inches (510 mm) deep, the maximum high forward reach is 48 inches (1220 mm).** When the obstruction projects 20 to 25 inches (510 mm to 635 mm), the maximum high forward reach is 44 inches (1120 mm). (4.2.5, 4.25.3)



**Figure 8a**  
**Protruding Objects**  
Walking Parallel to a Wall