

The 71021-DI package is a complete mediated classroom system with remote monitoring and control. To simplify the installation and maintenance of this system a 2x1 ceiling box with an HDMI receiver and TEK 2 are mounted and prewired from TEKVOX. Installation of the ceiling box does require an electrician to provide power to the box. All cables going to the projector are connected below the ceiling to eliminate the need for plenum cables. Make certain the box is mounted so the door can be opened fully and cables do not go across the door.



From the TEK 1201 in the podium to the receiver in the ceiling box only a single Cat 5e cable is required. This cable provides for both video and control of the system.

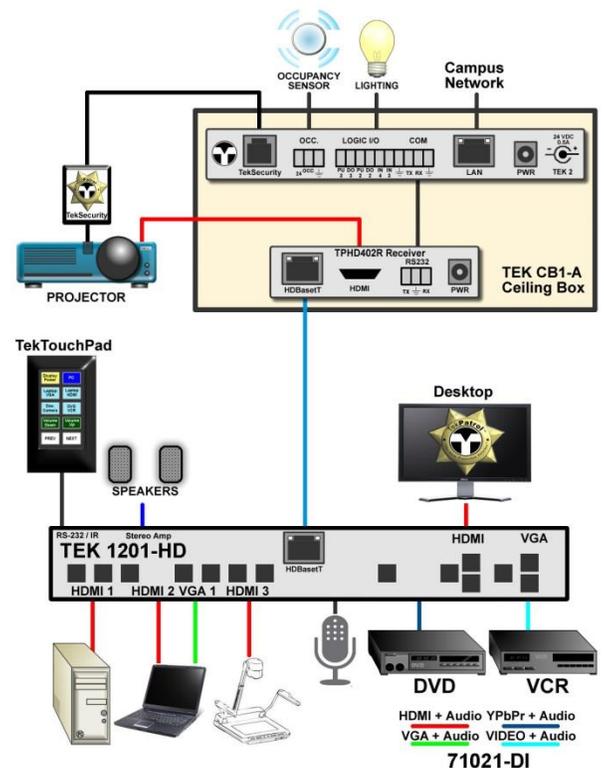
Typical video connections to the TEK 1201 are listed below and can easily be changed by Macro settings in the TEK 2.

PC	HDMI 1
Laptop HDMI	HDMI 2
Laptop VGA	VGA 1
Document Camera	HDMI 3
DVD	Component
VCR	Video 2 DVD/VCR Audio

The TEK 1201 provides a mirrored output for both HDMI and VGA. These outputs can be used for a confidence monitor. Some of the campuses do not want a confidence monitor since it will take away the ability for the instructor to view their PC while showing other content to the students. If a DVI monitor is used as a confidence monitor the HDMI audio may need to be turned off. It would be best to use VGA instead.

Included in the 71021-DI package:

Part #	Description	Qty.
70001	TEK 2 - TekMonitor	1
10030	TekMonitor Power Supply	1
78001	TekSecurity With 4' RJ12 Cable	1
78006	TekSecurity Cable for projector	1
78002	SR Occupancy Sensor	1
78038	TEK CB1-A Ceiling Box	1
78036	TEK TSC7 Table Top Cubby	1
79033	TEK 1201-HD with receiver	1



The TekSecurity module should be mounted to the side of the projector using the supplied Velcro.



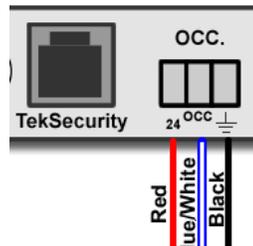
When installing the occupancy sensor it is best to place it behind or above the instructor's and face the vents towards the students. Make certain there are no air vents within 4 feet or air is blowing across the sensor.



It is best to use a three conductor 22 AWG plenum cable to wire the occupancy sensor. We recommend the West Penn 25231B.

Wire connections

- Red ----- TEK 2 +24V
- Blue ----- TEK 2 OCC
- Black ----- TEK 2 GND

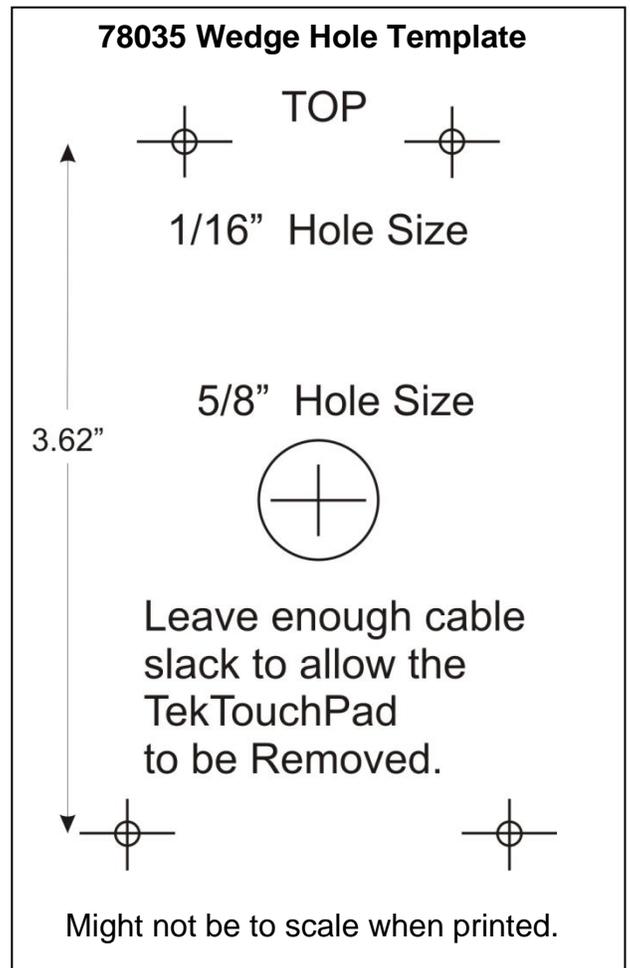
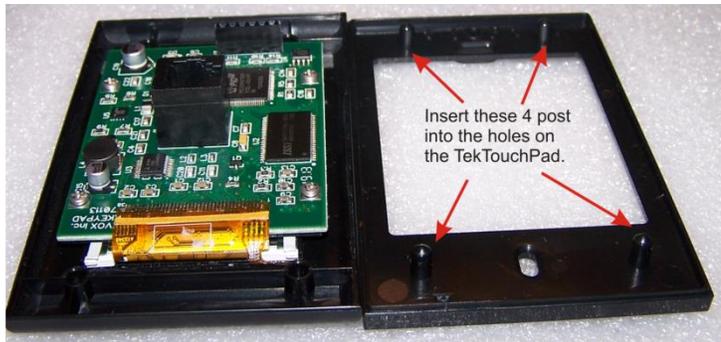


TekTouchPad Installation

When installing the Wedge, use the 4 supplied #6 screws. The wedge hole template below can be used as a drill guide. On the 80014 cable there are three breakout cables extruding from the DB-9 male connector. The RJ-12 cable is to be connected to the back of the TekTouchPad. Make certain you leave enough slack to remove the TekTouchPad once it is installed. Connect the female 2.1 mm power cable to the supplied 12 volt power supply. The other cable is a 3.5 mm mono connector that can be used with the old CMC-3 systems. Connect the DB-9 male to the supplied DB-9 female cable for the TEK 1201.

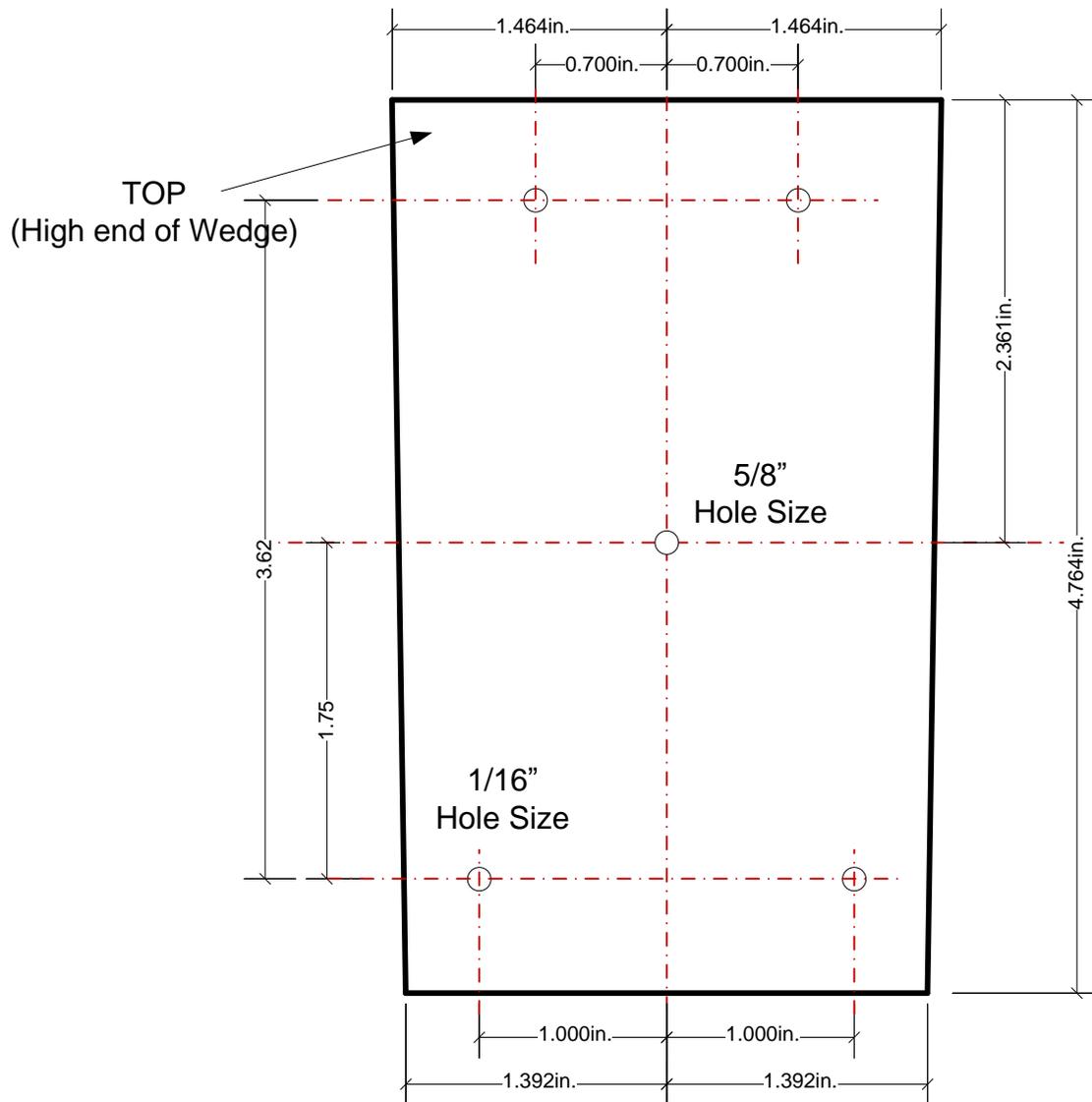
Once the wedge is installed, place the TekTouchPad Sub base on the wedge and use the two #6 chrome plated mounting screws to secure it. Insert the RJ-12 connector into the back of the TekTouchPad, if the power supply is connected, an LED on the circuit board will flash and the touchscreen will start to display a loading screen. Carefully press the TekTouchPad on to the Sub base, without pressing on the glass, until it is firmly inserted.

If touchscreen needs calibration, power cycle the unit while pressing center of screen. It is best to use a stylus or something like a small eraser to set calibration points.



Podium Wedge Installation Template

Wedge part number: 78035



Hole drilling instructions:

1. Place this template on the podium or surface where you would like to mount the Keypad Wedge.
2. Place the Wedge on top of the template and visualize its placement.
3. If you are sure of its placement, TAPE the template to the podium.
4. Drill four 1/16" holes through the template and into the podiums surface. About 1/2" deep.
5. Remove the template.
6. Place a provided No. 6, 1/2" long, phillips head screw in each of the four holes of the Wedge.
7. Screw to podium.