

Today's classrooms are multimedia centers requiring instructors to design their lesson plans using PowerPoint images, DVD educational movies and high resolution document cameras. These multimedia classrooms require a video projector to display multiple video sources including computers, document cameras, DVDs and VCRs. Connecting and displaying VGA, HDMI, Component and Video sources can become expensive and difficult to operate especially if a control system is added.

Managing and maintaining large groups of video projectors can be difficult especially when their filters need to be cleaned and lamps need to be replaced. With video projectors getting smaller theft is also an issue. By incorporating a projector management system an administrator can view all campus projectors, schedule maintenance and reduce the amount of operational time.

With rising energy costs and more energy consumption products being placed in the classroom, facility managers are looking for solutions to manage energy usage more effectively. By implementing a TEKVOX TekPatrol™ system, energy reduction is achieved by managing the lighting system, HVAC and other energy consumption devices like video projectors and Large LCD displays more efficiently. TEKVOX offers advanced management solutions to control lighting, HVAC, video projectors, displays and classroom computers. These energy saving features are accomplished by utilizing occupancy sensors and selectable power schedules.

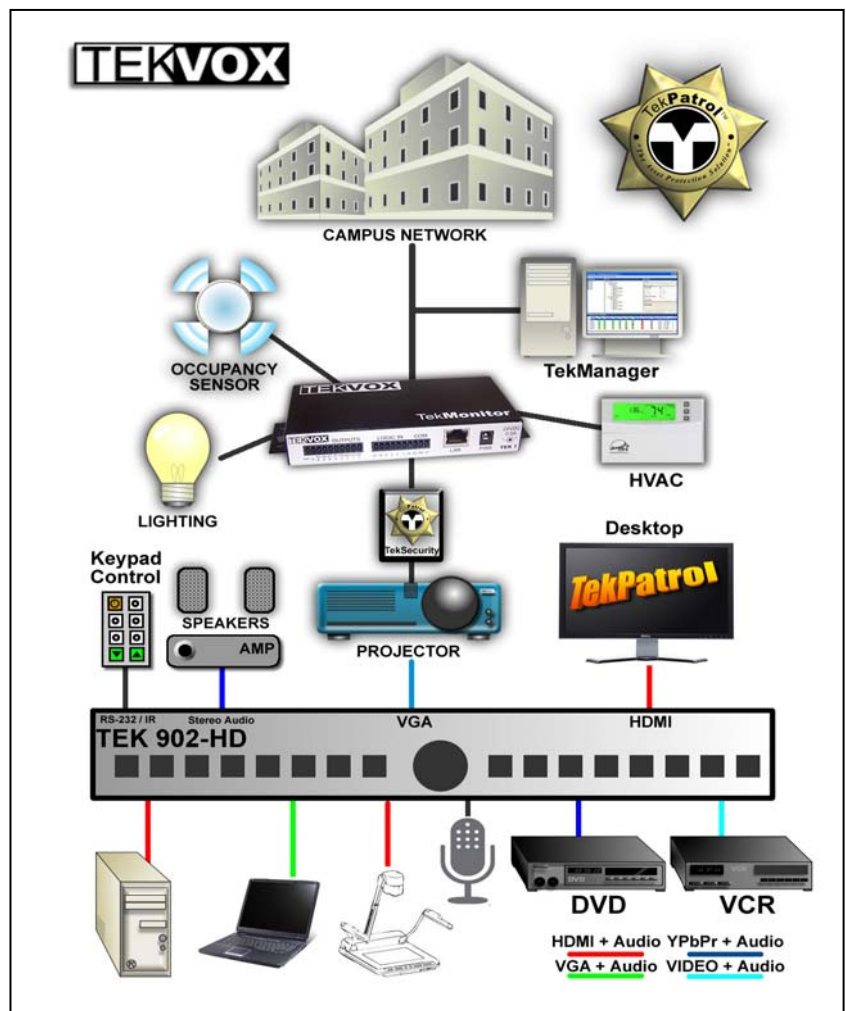
The TEK CMC-3 Classroom Media Center is an advanced classroom multimedia system utilizing the TEKVOX TekPatrol™ projector management system, a seamless presentation switcher, an eight button keypad and an occupancy sensor. Using TekPatrol an administrator can remotely view and control all video projectors and LCD displays within an entire school campus. Each video projector or display is monitored by a network controller called a TekMonitor. Unlike other controllers requiring specialized programming, a TekMonitor uses a simple process to create an intelligent IP based controller with monitoring software.

Features

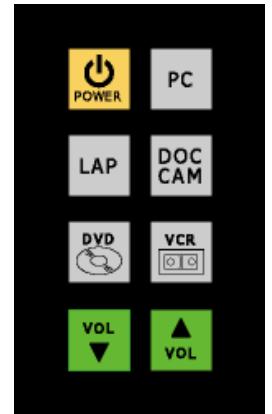
- Energy Savings
- Projector Management
- Remote Monitoring and Control
- Equipment Security
- Supports 2 HDMI, 2 VGA, 2 YPbPr, 2 Video and 1 S-Video Sources with Stereo Audio
- High Quality Seamless Switcher
- Both HDMI and VGA outputs
- PIP and PBP support
- Resolution: SVGA, XGA, UXGA, SXGA, WXGA, WUXGA, 720P, 1080P
- IR Remote Control with OSD
- RS-232 control port
- 1 Microphone Input
- Breakaway (Locked) audio
- HDMI audio out disabled
- IR/RS-232/IP Remote Control
- 8 button programmable keypad
- Separate Volume Control for Sources and Microphones
- Optional SQL Reporting Software

Benefits

- Easy to install and operate
- Improves equipment life
- Reduces maintenance energy cost
- Adds reliable security
- Adds classroom occupancy monitoring
- Increases administrator productivity
- No Site Licensing Fees



To simplify the installation and operation of a classroom multimedia system the TEK CMC-3 includes an eight button programmable keypad. This keypad is preconfigured from TEKVOX to operate with the TEK 902-HD and power on and off a display through the TEK 1. A user is able to power on and off a display, select sources and control the program volume. Since the keypad is preconfigured by TEKVOX, there is no button configuration, assembly or software to load into the keypad. To speed up the configuration of the TEK 1 three TekWizard templates are included allowing for the standard CMC-3 package, a CMC-3 with occupancy sensor and a CMC-3 with lighting control.



TEK CMC-3 can be ordered in a variety of different systems to create an all-in-one package. These system packages simplify the ordering process while reducing overall cost. TEKVOX will also ship the TEK 1 with a preconfigured program so it will work directly out of the box.

By splitting the lights into two zones, front and rear, you will be able to reduce energy cost, improve the visibility of the projection screen and extend the life of the projector. This is accomplished by using two lighting power packs and automatically turning off the front lights when the projector is on. The TEK 1 can do all of this for you at a very minimum cost. For more information see our Energy and Return On Investment calculator at

http://www.tekvox.com/downloads/TEKVOX_ROI_Calculator.xls

TEK CMC-3 Packages:

TEK CMC-3 (P# 71010)

The basic CMC-3 includes and uses the TEKVOX CMC-3 Template:

- TEK 1 TekMonitor
- TEK 902-HD Seamless Presentation Switcher
- TekSecurity (Does not include projector cable)
- TekKeypad-8 Programmable 8 button keypad (Preconfigured)
- Power Pack for lighting control or standard TEK 1 power supply

Options:

These two options reduce energy usage and increase the projector's lamp life by adding an occupancy sensor.

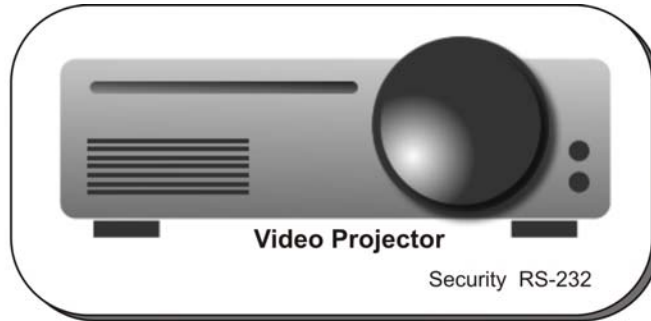
<p>TEK CMC-3 5DT (P# 71011)</p> <ul style="list-style-type: none"> • TEK 1 • TEK 902-HD Seamless Switcher • TekSecurity • TekKeypad-8 • 500 Sq Ft 180° Dual Technology Occupancy Sensor
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<p>TEK CMC-3 10DT (P# 71012)</p> <ul style="list-style-type: none"> • TEK 1 • TEK 902-HD Seamless Switcher • TekSecurity • TekKeypad-8 • 1000 Sq Ft 360° Dual Technology Occupancy Sensor
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TEK CMC-3

Uses the TEKVOX CMC-3 Template

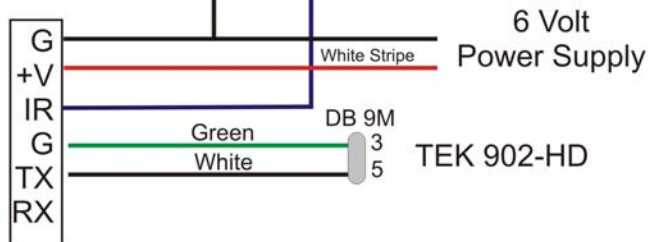
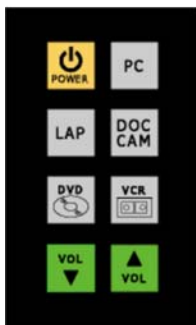
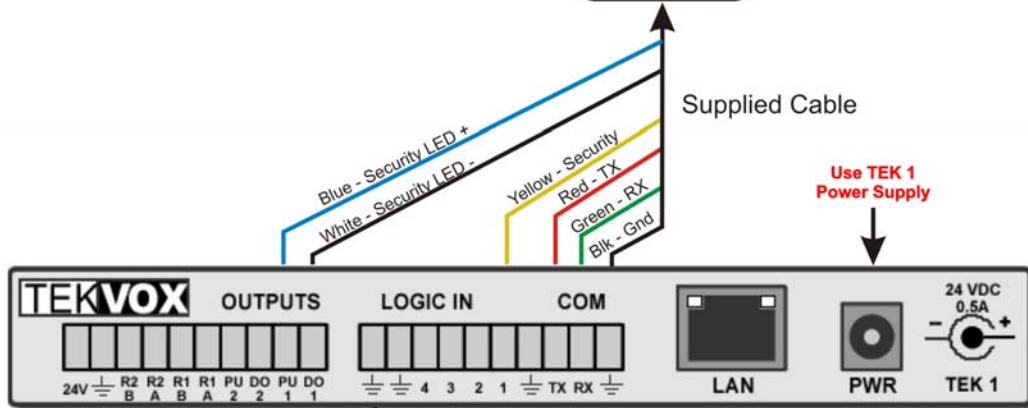


RJ-12 To TEK 1

Pin	TEK 1	Color	Description
1	DO-1	White	LED -
2	GND	Black	Ground
3	TX	Red	TEK 1 - TX
4	RX	Green	TEK 1 - RX
5	IN-1	Yellow	Security LED+
6	PU-1	Blue	Security LED+

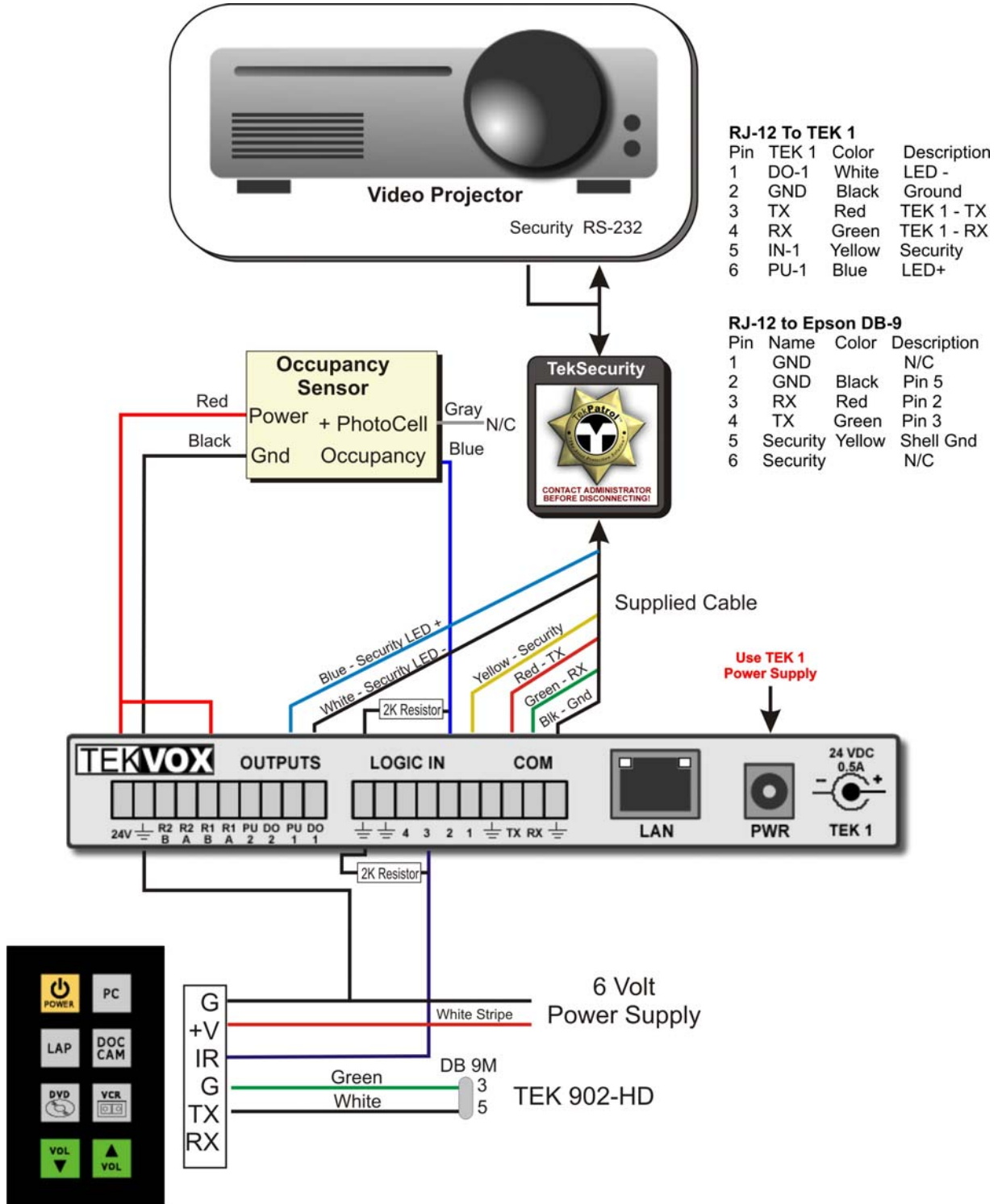
RJ-12 to Epson DB-9

Pin	Name	Color	Description
1	GND		N/C
2	GND	Black	Pin 5
3	RX	Red	Pin 2
4	TX	Green	Pin 3
5	Security	Yellow	Shell Gnd
6	Security		N/C



TEK CMC-3 With Occupancy Detection

Uses the TEKVOX CMC-3 Without Lights Template



TEK CMC-3 With Occupancy Detection and Lighting Control

Uses the TEKVOX CMC-3 With Lights Template

