



# KBD5000 Keyboard

## FULL-FUNCTIONALITY, INTERCHANGEABLE MODULAR CONTROLS, PTZ CONTROL

### Product Features

- Controls Located on Three Interchangeable Modules in the Keyboard
- Modules Can Be Positioned and Rotated to Suit User Preference
- One Keyboard Can Control All System Cameras Through Either a PC or Video Console Display Interface
- Built-in USB Hub for Connection of Export Devices
- Variable Speed, Vector-Solving Joystick for Precise PTZ Control
- Jog/Shuttle for Playback Control and Menu Navigation
- Preset Position and Pattern Control
- Built-in Speaker
- Part of an Integrated Pelco System



The **KBD5000** Series keyboard is the controller for Pelco's complete network-based video system products. It is the point from which all user functions can be accessed. The KBD5000 Series is compatible with all Endura™ Series distributed, network-based video products.

The **KBD5000** Series is configured with three control modules that are installed in receptacles on the keyboard. Modules can be placed into any receptacle, creating a customized keyboard for operation with either the left or right hand.

The following three modules are included with the keyboard:

- A variable speed, vector-solving joystick with keys for lens iris and focus control. The barrel-type joystick provides precise pan and tilt control of fixed speed and variable speed positioning systems. Twisting the joystick zooms the lens in and out. The joystick and button atop the joystick also are used for navigating the on-screen programming menus of the compatible VCD5000.
- A jog dial/shuttle for playback and menu navigation. The jog/shuttle contains four illuminated function keys. Each key's color corresponds to the color of its icons displayed on the monitors linked to the user interface. This intuitive color matching design lets users navigate the on-screen menus without looking down to read keyboard text labels.
- A keypad for camera and monitor control. Keys select cameras and monitors, and the number of cameras to view.

The **KBD5000** Series incorporates a unique wrist rest built into the base of the unit. The context-sensitive help key is another unique feature of this keyboard. In addition, easy export is accomplished via the **KBD5000's** USB port.

The **KBD5000** Series can be logically configured so any number of keyboards can be added to the system. When combined with Pelco's new user interfaces (UIs), network video recorders (NVRs), encoders, digital video recorders (DVRs), and video consoles, the **KBD5000** forms and integral part of a complete network-based video control system.

*Endura distributed, network-based products are available only to certified dealers/integrators. Please contact your local sales representative for details on certification applications and requirements. Additional information on Endura products and certifications may be found at <http://www.pelco.com/endura>*



C1620 / NEW 4-05



International Standards Organization Registered Firm; ISO 9001 Quality System



# SYSTEM CONFIGURATION

## MODEL

KBD5000 Desktop keyboard with interchangeable control pods for full switching and programming capabilities, plus joystick control of PTZ functions, and jog/shuttle playback control

## SUPPLIED ACCESSORIES

One external power supply  
Two power cords (1 USA standard and 1 European standard)

## POWER SUPPLY

Input Voltage 100-240 VAC, 50/60 Hz  
Output Voltage 12 VDC  
Power Output 20 W  
Input Connector Type Universal, interchangeable  
Output Connector Type 2.5 mm screw-on barrel

## KEYBOARD BASE

Keyboard Interface USB 2.0  
Cable USB, captive, 16.4 ft (5.0 m)  
Input Voltage 12 VDC  
Input Current 1.3 A (maximum)  
Upstream Port USB 2.0 (USB type B connector)  
Downstream Port Two USB 2.0 high/full/low speed (USB type A connector)  
Audio Output Embedded speaker or plug-in headset, 0.5 watts into 8-ohm load per channel  
Audio Input Plug-in microphone, mono, (30-350 mVp-p); or line input, stereo (0.35-2.0 Vp-p)

## KEYBOARD MODULES

Keyboard Keypad 0-9 keys, camera, monitor, and multiple view keys  
Joystick Fully proportional pan and tilt, variable speed; with zoom, iris, and focus controls  
Jog/Shuttle Proportional, fast forward, reverse, and video transport. Menu navigation on VCD5000 video console display  
Module Connectors Three (one for each module), USB 1.1 mini-USB

## GENERAL

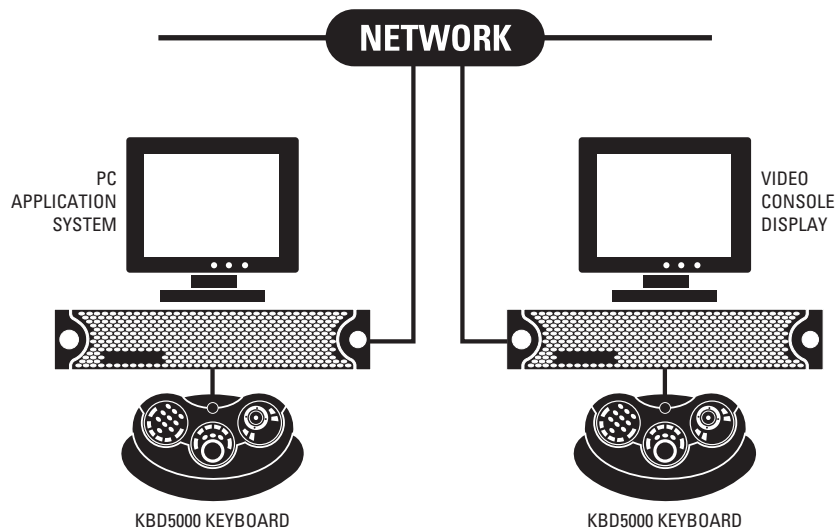
Dimensions  
Without Wrist Support 7.86" D x 14.78" W x 4.6" H (19.96 x 37.54 x 11.68 cm)  
With Wrist Support 9.94" D x 16.88" W x 4.6" H (25.25 x 42.88 x 11.68 cm)  
Weights  
Unit Weight  
Without wrist support 2.68 lb (1.22 kg)  
With wrist support 3.32 lb (1.51 kg)  
Shipping Weight 5 lb (2 kg)

## ENVIRONMENTAL

Operating Temperature 32° to 104°F (0° to 40°C)  
Storage Temperature 32° to 176°F (0° to 80°C)  
Operating Humidity Up to 96%

## CERTIFICATIONS

- CE, Class A
- UL Listed
- UL Listed to Canadian safety standards
- FCC, Class A
- C-Tick



**IMPORTANT NOTE. PLEASE READ.** The network implementation is shown as general representation only and is not intended to show a detailed network topology. Your actual network will differ, requiring changes or perhaps additional network equipment to accommodate the system as illustrated. Please contact your local Pelco Representative to discuss your specific requirements.



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