

# KBD100 Keyboard

## SWITCHER CONTROL AND PROGRAMMING

### Product Features

- Control and Program CM6700 and CM6800 Matrix Switchers
- Select Cameras and Monitors
- Operate Sequences
- Operate Auxiliaries
- Acknowledge Alarms

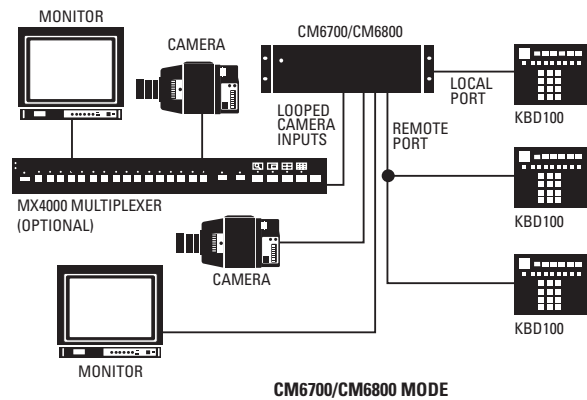


The **KBD100** keyboard is Pelco's most economical keyboard. It is used to program and operate CM6700 and CM6800 matrix switchers.

The rear of the keyboard has four DIP switches and an RJ-45 connector. The DIP switches are used to set the keyboard's address. Each keyboard in the system must have a different address. The RJ-45 connector is used to connect to either the CM6700 or the CM6800.

You can connect a single keyboard to the local keyboard port on the CM6700, or you can connect up to eight if using the remote keyboard port.

You can connect up to 16 **KBD100** keyboards to the CM6800.



# TECHNICAL SPECIFICATIONS

## MODEL

KBD100 Desktop keyboard, switcher only

## ELECTRICAL

Input Voltage 12 VAC or  $\pm 12$  VDC  
Power Consumption 5 watts  
Connector Type RJ-45, 8-pin modular (female)  
Keyboard Communication  
Interface RS-422  
Protocol Pelco ASCII  
Baud 9600  
Communication Parameters 8 data bits, odd parity, 1 stop bit

## GENERAL

Keyboard Keypad Electromechanical  
Display Red LED, 7-segment, 2 cells  
Dimensions 2.25" H x 6.00" W x 7.125" D  
(5.72 x 15.24 x 18.10 cm)  
Unit Weight 2.11 lb (0.96 kg)  
Shipping Weight 4 lb (1.82 kg)

## ENVIRONMENTAL

Operating Temperature 20° to 120°F (-7° to 49°C)  
Humidity 10% to 90%, non-condensing

## CERTIFICATIONS

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

## SUPPLIED ACCESSORIES

25-foot (7.6 m) RJ-45 data cable

## OPTIONAL ACCESSORIES

KBDKIT Remote keyboard wiring kit. Required if connecting KBD100 keyboards to the Remote Keyboard Port on the CM6700/CM6800. Includes two RJ-45 wall blocks and one 120 VAC to 12 VAC transformer. Maximum cable distance for RS-422 communication over 24-gauge wire is 4,000 feet (1,219 m). Use shielded twisted pairs cable that meets basic requirements for RS-422 applications. (One wall block and transformer required for each keyboard.)

KBDKIT-X Same as KBDKIT except includes 230 VAC to 12 VAC transformer.



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