



Electro Standards Laboratories

ADVANCED SYSTEMS DESIGN & SERVICES

SPECIFICATIONS

MODEL 5505

Cat. No. 305505

## Model 5505 8-Channel RJ45 Cat5e Data Pass / Off-Line Video Conference Room Keylock Switch

- **Ideal for secure conference room communication applications.**

### INTRODUCTION

The Model 5505 8-Channel Cat5e RJ45 Data Pass / Off-Line Video Conference Room Keylock Switch allows the user the capability of connecting two separate devices—ports ROOM and NETWORK REMOTE—via an Online or Offline connection, for each channel. Users can link this model to the Model 5008 Secure/Non-Secure Display Indicator unit for a robust conference communications switching system. The Model 5505 is enclosed in a 2U, full rack size, all metal black chassis designed to provide EMI/RFI shielding.

### FEATURES

- Video Conference Room Switch.
- Cat5e compliant
- 8 Channels of RJ45 Data Pass / Off-Line.
- Switch via two keylocks located on front panel.
- Each Keylock simultaneously switches four channels between Data Pass and Off-Line positions
- Channels 1-4 switched via the first keylock actuator.
- Channels 5-8 switched via second keylock actuator.
- In the Secure Off-Line position, all Cat5e signal lines from the Ethernet "ROOM" port connectors (RJ45 pins 1-8) on the Model 5505 are isolated from its corresponding "NETWORK/REMOTE" port and tied directly to the switch chassis ground.
- Switch function: A Keylock RJ45 Ethernet switch with Data Pass position as Non-Secure (passes data) and the Off-Line position as Secure (disconnects)
- For use with Model 5008 Secure / Nonsecure Display.



### SPECIFICATIONS:

**PORT CONNECTORS. CHANNELS 1-4:** (4) RJ45(F) labeled ROOM and color coded RED, and (4) RJ45(F) labeled NETWORK/REMOTE and color coded BLUE.

**PORT CONNECTORS. CHANNELS 5-8:** Same as Channels 1-4, above.

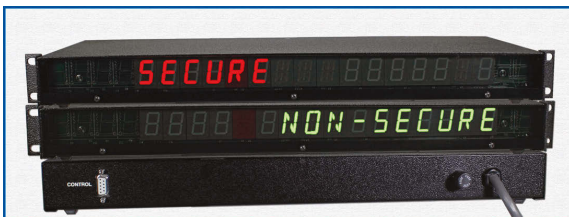
**FRONT PANEL CONTROLS:** (2) Two-position keylock actuator labeled OFF-LINE, and DATA PASS.

**STATUS PORT:** (1) DB9 (F) Custom Contact Closure Monitor and Power Input port allows linking the Model 5008 Display Indicator, Model 5008 indicates switch position: SECURE or NON-SECURE.

**POWER:** No power required to operate Model 5505. Power required for the Model 5008 Display.

**DIMENSIONS:** 19" W x 3.5" H x 8.25" D.  
(48.3 x 8.9 x 21.0 cm)

**WEIGHT:** 5.7 lbs. (2.6 kg)



Model 5008 Switch shown for use with Model 5505 8-Channel Cat5e RJ45 Data Pass / Off-Line Switch.

