Overview

The KTD-405 Series controller keyboards are compatible with many GE Security products, including switchers, domes and DVRs. This series has been designed to control up to 1,024 cameras or receivers and 128 switched monitors. The keyboards can also control Digiplex® systems, and an RS422/RS485 communication port enables the unit to operate a number of components: SymDec™ 16 *plus* 4; SymSafe™ and SymSafe Pro; DVMRe; multiplexers; matrix switchers; alarm interfaces; Legend™ and CyberDome™ PTZ cameras. These units can select and switch video, initiate camera tours and select monitors.

The keyboards operate in one of two modes: discrete zone or standard Digiplex. In the discrete zone mode, the system can be divided into 32 zones with up to 32 cameras in each zone. Multiplexers serve as the switching devices in this mode. In standard Digiplex mode, a matrix switcher is the system's primary switching device. Other features include a three-axis joystick (two-axis joystick in the KTD-405-2D) for exceptional pan/tilt maneuverability in PTZ applications and dedicated recorder operation keys. When call-ins occur, a built-in annunciator alerts the user that attention is needed. These keyboards can stack up to 32 call-in requests in the order they were received. The first three call-in requests are displayed and a reminder tone sounds every 15 seconds until all active call-ins have been cleared from its queue. Authorized personnel can program the unit and other Digiplex components through confidential access codes.

Standard Features

- Digiplex system control
- RS422/RS485 communication port enables operation with DVRs, multiplexers, matrix switchers, alarm interfaces and PTZ cameras
- RS232 communication port
- Zone system partitioning
- Security levels
- Three-axis joystick (KTD-405/KTD-405A)
- Two-axis joystick (KTD-405-2D)
- Built-in annunciator
- Backlit liquid crystal display

KTD-405 Series

Controller keyboards

KTD-405

GE
Security

North America
T 888-GE-SECURITY
888-437-3287

Asia
T 852-2907-8108
F 852-2142-5063

Australia
T 61-3-9239-1200
F 61-3-9239-1299

Canada
T 800-267-6317
F 613-737-5517

Europe
T 32-2-725-11-20
F 32-2-721-40-47

Latin America
T 305-593-4301
F 305-593-4300

gesecurity.com

Specifications subject to change without notice.

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Specifications

Electrical	
Input voltage	9 VAC/12 VDC
Power	5W
Output 1	RS422 Digiplex® protocol
Output 2 (405A only)	RJ11 Audio Bus
Output 3	RS232, RJ45 connector
Microcontrollers	89C51-RD2—CPU and RS485 UART; 89C51-RD2 Auxillary CPU and RS422 UART
Hard programming	4-position DIP switch
NV RAM	Built into processors

Audio	
Sound transducer	Intervov Part No. BRT1209P-06-C
2 W audio (405A only)	RJ11 connector

Controls	
Keys	43 momentary push-buttons (48 audio ven.)
Joystick	3-axis (KTD-405/KTD-405A) 2-axis (KTD-405-2D)

Mechanical	
Weight	1.95 lb (0.88 kg)

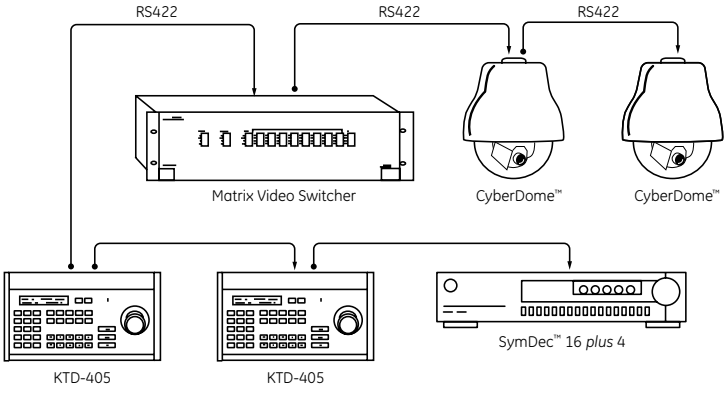
Construction	
Housing	Aluminum with ABS plastic end caps
Color	Dark gray
Keys	Integrated rubberized molding (elastomere)

Options	
Audio (A)	The KTD-405 is available with a 2-watt 8-ohm audio amplifier

Ordering Information

KTD-405	Three-Axis Variable-Speed Controller Keypad. Controls 2,048 PTZ sites, 256 Switched Monitors, Multiplexers, DVMRe, DVR, VCR
KTD-405A	Three-Axis Variable-Speed Controller Keypad. Controls 2,048 PTZ sites, 256 Switched Monitors, Multiplexers, DVMRe, DVR, VCR, 2-watt 8-ohm Audio Amplifier
KTD-405-2D	Two-Axis Variable-Speed Controller Keypad. Controls 2,048 PTZ sites, 256 Switched Monitors, Multiplexers, DVMRe, DVR, VCR

Digiplex Mode



KTD-405-2D

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