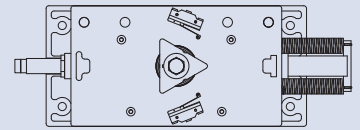


The 6500 Series Control Head

The Solution to Your Security Needs



Controlled Access is proud to present the perfect solution to your security requirements. Certified as an ETL recognized component, the 6500 is our highly customizable modular control system. Whatever your security needs are, The 6500 Series Control Head is the solution.

Options & Add-ons

- Bidirectional key overrides
- Direction status indicator lights (daylight visible or LED graphic array)
- 8 digit key resetable digital counter with 7 year lithium battery
- Cold weather upgrade - insulated mainframe with thermostat controlled heater
- Contactless proximity sensor upgrade (replaces limit switches to relock unit)
- Home position switch for access control integration
- 12 Ah battery system (2x 12VDC batteries) w/ 2 amp 24VDC charger
- Additional options available upon request

Electronic Features

- Bidirectional access control inputs
- Integrated fire alarm input
- Fail lock or fail open configurations (direction independent)
- Adjustable relock timers for swipes with no passage
- Adjustable swipe queue for quicker traffic flow
- Integrated "one-shot" inputs for simplified access control integration
- Additional outputs for options integration
- Auto-selecting 100-240 VAC voltage input for easy international installation
- Built-in amp / voltage meter for troubleshooting and peace of mind
- Overvoltage / overcurrent protection adds resistance to electrical issues
- Expandable PLC allowing for solutions to customized applications

Standard Configurations

Every control head is built to order, with your choice of the following operations:

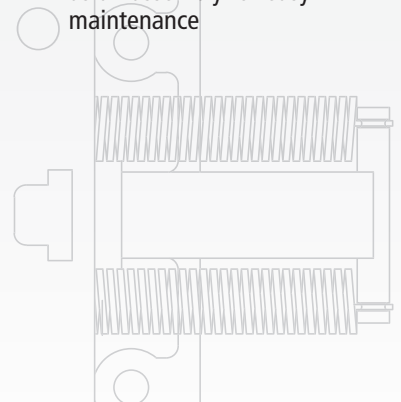
- Manual (free passage) in both directions
- Manual (free passage) in one direction, locked in the other direction
- Electronically controlled in one direction, manual (free passage) in the other direction
- Electronically controlled in one direction, locked in the other direction
- Electronically controlled in both directions

On power failure, each electronic direction will be configured in your choice of:

- Fail lock, also known as fail secure
- Fail open, also known as fail safe

Mechanical Overview

- Auto indexing to home position (self centering)
- Adjustable hydraulic shock suppression
- Permanently lubricated sealed bearings
- Oil impregnated bronze bushings
- Hardened steel locking bars, cams, and rollers
- Stainless steel pistons
- Cast aluminum housing
- Modular design, removable as an assembly for easy maintenance



Electrical Specifications:

Input Voltage: 100-240 VAC

Input Current: 1.3 - .55 A

Frequency: 50/60 Hz

Storage Temperature: -4 to 158 °F

Operating Temperature: 32 to 122 °F
(Cold weather package available)

Operating Voltage: 24VDC

Operating Current: 1.2 A (typical)

Directional Inputs:

Normally open contact closure
(Form C relay, 1 second pulse)

Fire Alarm Input:

Normally open contact closure
(Form C relay, closed for duration)



The 6500 series control head is certified to conform to UL Standard 325 & UL Subject 2593



We're the #1 Choice of Top Architects, Security Pros and Engineers

For two decades, Controlled Access has been the globally trusted name in pedestrian control equipment. Made in Ohio and shipped worldwide, we are the first choice of leading architects, facility managers, security consultants and engineers. Whether your project requires high-security, full-height turnstiles, waist-high units, or matching ADA accessible gates, Controlled Access is the secure choice. And, we're experienced in access control systems, from card readers to biometric scanning, to give you the power to control access.

