AUTOINGRESS

AUTO INGRESS DEVICE MANAGE DIGITAL MODE PAD
USER MANUAL & MENU OUTLINE

All LOGICSLIDE / LOGICSWING Operators Connected With Digital Mode Pad

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Important Note

1.   **The door will not operate in any mode other than the lock mode if the key pad is not fitted.**

2.   **The door has been tested by a Nata Accredited independent agency for compliance to AS5007:2007 when used with the key pad. If the key pad is not used vital error messages such as battery failure etc will not be displayed therefore the door will not comply with the requirements of this standard.**

Section 1 – Using the Keys

1.1   Keys

↓	Down Arrow	Decrease/increase parameter values in Setup menus; Cycle back/forward through enumerated function settings as in Setup/Function menu. Cycle through the menu items in the in Setup, Setup/Parameter, Setup/Functions & other menus. Reset of the door by pressing the up arrow for more than 10 seconds.
↑	Up Arrow	
Enter	Enter Key	Select the displayed menu item; save the displayed parameter value and function setting; save the pass codes and service phone number; confirm sending a command. When Exit Key is Disabled, permits the door to open after entering a passcode.
Mode	Mode Key	Cycle through available operating modes with each press. Passcode required. De-activates after time delay.
Setup	Setup Key	Invokes Setup Menu for changing Parameter values and Function settings. Passcode required. Factory setup, reset alarms, Setup parameters and functions, user functions and initialise teaching mode.
Exit	Exit Key	When not in a menu mode, Open Door regardless of the operating mode setting when the Exit Key is Enabled. When the Exit Key is Disabled, it allows the door to be opened after entering a passcode in the same way as the Enter Key. Returns to previous menu or exits the menu function, returning to the cyclic mode display sequence.
1-0	Keys 1-0	Numeric keypad when entering or changing a passcode, or registering the door or changing clock settings or for key pad entry.

Important Note:

1.   **If the key pad is not connected the controllers are factory set to keep the doors open in all modes except the lock mode. This is to ensure compliance to AS5007:2007.**

2.   **This door operator must be serviced periodically by a suitably qualified person as required by AS5007:2007 to ensure continued compliance to this standard.**

3.   **The door operator has a service alarm to notify when this service is due so that the safety aspect of the installation is not compromised. Please ensure the days to service is operational on the display mode key pad.**

Over View

These models use microcontroller based intelligence utilising purpose designed remote key pad for all error and warning messages, controls, functions and adjustments.

To reboot/reset the microcontroller three options are available:

1.   Switch mains power off for 30 seconds and switch back on while the door is on Auto mode. If the door is in Lock mode then press the exit push button switch, after power up or change mode to auto.
2.   Press the reset button on the underside of the key pad. This is a recessed button accessible through a hole on the underside of the key pad enclosure.
3.   Press the up key on the key pad and hold down for 10 seconds.

The door may require resetting if there is disruption to mains power or power surges or certain abnormalities and malfunctions. This is generally recognised when the door is operating slowly or erratically or the key pad display shows safe or unknown modes.

User Accessible Key Pad Options:

Mode Change

The user may use the key pad to change the operational modes. **This is done by pressing the mode button on the key pad followed by the user code (default code 1234) if requested. All subsequent press of the mode button will show the 5 different mode options; Auto, Exit, Lock, Open and Manual. Select the desired mode by pressing the enter button.**

Auto Mode – Door will open then close for normal operation from both the inside and outside sensors. The door will not lock when closed. When manually pushed open approximately 100mm the door will open by itself. The doors will failsafe to the open position on power failure unless the failsafe is set to open close. The door in this case will operate normally until the battery is flat or the mains power is restored.

Exit Mode – Door will open and close from the inside or exit sensor only. The door will lock after every operation when shut. It will unlock and open on power failure unless set to open/close as in Auto mode above.

Lock Mode – Door will not operate from either sensor. It can be opened from the after-hours exit push button switch or entry switch. The door will remain locked on power failure. The after-hours push button switch will unlock and open the door with or without the mains power present. The door will close and lock after every operation.

Open Mode – The door will remain in the open position.

Manual Mode- allows the door to be opened and closed by hand and left in any position. The door will recalibrate when any other mode is selected before resuming normal operation.

Note: mode changes may also be made using the key mode or knob switches or by the building management or security/access control systems if connected, or the built in time clocks if enabled via the key pad or add on time clocks if fitted.

When multiple devices are connected for mode control the order of precedence for the mode setting is: Open, Lock, Exit and Auto. Auto is the default mode.

Pass code Protection:

Three levels of pass code protection is utilised to ensure unauthorised and/or accidental change of parameters or functions or modes are not possible.

This ensures system integrity and compliance to the appropriate standards as master codes and factory codes are only to be used by suitably trained and/or authorised personnel.

User Code: (User changeable – default 1234)

This code allows the user to:

1. Change the mode from auto to lock to exit etc
2. Change of user code
3. Gain entry or exit after-hours via the key pad.
4. Diagnose and view the operational settings
5. Reset the alarm for 48 hours 3 times before the master code is needed for a full reset
6. Carry out product registration at the factory
7. Change the clock time/day setup
8. Enable/disable the built in time clock locking or override of the time clock if enabled
9. Check the people counter and to zero the count
10. Enable the Managed lock – which allows the user to secure the building after hours on safety sensor failure or damage or sabotage. This eliminates expensive after hours service and inconvenience plus enhanced security should safety sensors be tempered with

Mode Change:

a. Press mode followed the user code (if requested) – press mode again to display the actual mode to be selected. Press enter key to select.
b. If time lock or unlock is active mode changes are not available until this is disabled. To disable time lock press setup followed by the user code. Select – Setup Local, use bottom arrow to go to DisEnabl TimedLok, press Enter to select, Use up arrow to change from enable to disable or from disable to enable, press enter to select. Press exit button twice or until settings are saved
c. If key switches and or building management systems are controlling the door then all other mode control devices must remain in Auto or default mode

User Code Change:

Press setup followed by the existing user code. Press the enter button to select 'Setup Local'. Press bottom arrow to scroll down to 'Change User Pcd" press enter to select. Enter the new 4 digit code, Press enter to confirm when prompted or exit to discard. Press 'exit' to escape the program menu then press exit to save changes

Silence Buzzer/Alarm Reset

In the event of battery failure for instance and or when service or product registration is required the built in alarm will sound. This can be silenced for 48 hours while service is arranged by calling the phone number displayed on the key pad.

To silence the alarm Press "Setup' followed by the user code when prompted. Press to select 'Local setup'. Press to select 'Silence Buzzer 48h'. Press enter to confirm reset of the alarm. Press exit to escape the menu item and exit again to save the settings.

Please note that the alarms /Buzzer can only be reset 3 times for 48 hours. So a service must be arranged prior to the elapse of this period.

Managed Lock

Managed lock allows the door operator to override the close safety sensor so the door can be locked in the event there is a sensor failure. This function is only available in lock mode. This allows added security and convenience plus the elimination of expensive after hours service calls. The operator will revert back to normal safety sensor operation on first change of mode.

Managed lock should only be used under guidance from a suitably qualified automatic door technician. It is enabled by pressing the 'setup' key followed by the user code. Then selecting the local setting by pressing the enter key followed by pressing the bottom arrow down to the managed lock. Press enter to select and then enter again to confirm when prompted. Press exit to escape from the menu and exit again to save.

Set Day & Time

The current day and time can be changed by pressing the setup key followed by the user code. Then selecting the local setting by pressing the enter key and followed by pressing the bottom arrow down to 'set day & time'. Change to suit. Press enter to confirm followed by exit to escape the menu and exit again to save.

Enable/Disable Timed Lock

If the built in time clock is enabled (Time clock locking/unlocking can only be set up by a technician), it must be disabled for overriding of the clock such as when a door needs to be locked for a public holidays or using the doors in automatic mode while the time clock locking is active.

Press setup and the user code followed by selecting the local settings. Use bottom arrow to key- down to this menu item and use the up or down key to change. Press enter to select the new setting followed by pressing the exit key to escape then save. Repeat the procedure to enable the time clock again.

Mode changes can be made as described in 'mode change' above while the time clock is inactive.

People Counter

The user may view and/or zero the people count or the number of people that passed through the doorway. This is done by pressing the setup key followed by the user code. Then select the local settings by pressing the enter key and arrow down to the people count. After viewing the count you can leave the count as is by pressing the exit key to escape out of the menu. While the count is displayed by pressing the enter key you may go and zero the count. Then escape by pressing the exit key.

View Settings

By pressing the setup followed by the user code and selecting the local settings the user may view the time clock settings and also the functional settings.

Diagnose Faults

Press setup followed by user code then arrow down to diagnose faults which will show the current operational status and/or faults such as door obstruction.

Register Door

This allows the product to be registered with the factory so that service reminders, warranty issues and soft ware upgrades can be carried out with least inconvenience to the customer. This menu item is also found in the setup menu followed by the user code.
 A unique factory generated pass code must be obtained and keyed in to clear the registration. Please phone using our toll free phone number 1300 138 750 in Australia for assistance. Alternatively please phone +617 3290 1500 or email: service@autoingress.com.au. Please refer to www.autoingress.com.au for further information.

Service Guide

Door staying open:
1. Check door mode is not on open or manual
2. Check safety beam in the door jamb is not obstructed or the sensors are not picking up any moving objects
3. Check mains power is on
4. Check the doors are not obstructed
5. Check push button switch or the entry switch is not actuated
6. Check the security system or the fire alarm system is not holding the door open

Door will not close:
1. Check the mains power is present
2. Check the door is not obstructed or locked mechanically
3. Check the mode is set to auto

Please refer to the reset procedure if the problem persists

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