G3 Special Features

Part Number(s): 28C0016 & 28C0051 (K12 & RS485)

Special Features

The G3 controller offers 5 distinct modes of operation. These modes are Normal, Party Mode, Egress, Move Assist and One Button Operation. Each mode, when activated, remains in effect until the user switches to another and will remain in effect after resets and power failures.

Normal Mode

Normal mode is the factory default and operates by the way of a wall switch or remote. Pressing "Open" on the wall switch will cause the door to open as "Close" will return the door to its closed position. When the door closes, a magnetic brake will keep the door in the jam until it is re-opened, or the brake is released with the "Release" button. While the door is opening or closing the "Stop" button can be used to stop the door in that position.

Party Mode, aka: "Entertainment Mode"

When "Party Mode" is enabled, an attached motion detector or IR Beam sensor will automatically trigger the door to open approximately 40 inches. The door will then automatically close after 10s. While closing, if motion is detected near the door, the door will stop, pause, and return to 40 inches open position. The 10s auto close timer is restarted. The door does not engage the brake in this mode, but it can be manually activated from the wall switch. The wall switch can also be used to open the door to the same 40in position, where the auto close timer will close the door after 10 seconds.
* Party mode requires a wired or wireless motion detector and/or an IR Beam detector.*

Egress, aka: "Close Behind Mode"

Egress, sometimes called "close behind", uses the wall switch to open the door to 40 inches and then close the door after 10 seconds. The magnetic brake will not engage on close but can be activated with the "Release" button.

One Button Operation, aka: "Simplicity Mode"

Sometimes called "Garage Door or ADA mode", uses the wall switch's "Stop" button to open, close and stop the door. This feature operates like a garage door remote. When the door is closed, pressing "Stop" starts opening the door. While opening, if the "Stop" button is pressed the door will stop. Another press will cause the door to close again. If the door is allowed to fully open to 40 inches and stop, another press of the "Stop" button will cause the door to close. The magnetic brake does not engage but can be activated from the wall switch.

Move Assist, aka: "Motion Assist Mode"

From the closed position, if the door is moved approximately ½ inch towards open, the motor will engage and automatically open the door to 40 inches and stop While open, if the door is pushed towards closed, the motor will engage and close the door to the jam. If the door is stopped using the wall switch, a slight push of the door in either direction will engage the motor to assist the movement in the desired direction.

Opening Distance Adjustment (Span Adjust)

All 5 modes allow the user to manually adjust how far the door opens when activated. Each mode will remember its "new" open position until it is changed again. In "Normal" mode, the factory default is the full door width, and the other 4 features default to 40 inches open. When adjusted, any of the 5 modes can be changed from as little as 6 inches to the maximum door width.

For 5 seconds, after the door has reached its open position and stopped, the user can manually move the panel to a new position. Each mode can be programmed independently. Span adjust will not work if the door is stopped midspan; it must be programmed within 5 seconds of reaching its programmed open position.

Tip: If the door is already opened, and 5 seconds has already elapsed, pressing "Open" again will re-enable the adjustment period. Each movement will also reset the timer. The new position will be saved after the door has stopped moving for 5 seconds or more.

Additional Options

A qualified installer can program additional options for all 5 modes. These options include enabling/disabling the magnetic brake, delayed brake on close, brake on open, delayed auto close and changes to the span adjust time. See your dealer/installer for more information.

INMOTION

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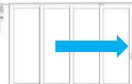
G3 / RS485

v0.7.0+

Enabling/Disabling Special Features

| User Enabled | Installer Required |

!	Make sure the door is **fully closed**, powered on and operational for all of the following steps.	
1	Using a wireless/wired wall switch or remote… Press and hold **Open** & **Close** for about 2s or until the motor "**double clicks**", then release.	**Motor** "**Double CLICK**" (~2s)
2	Within 10 seconds, press one the 4 buttons to select a feature mode: **Open: Party Mode*** **Close: Egress** **Stop: One Button Operation** **Release: Move Assist** The motor will "double click" again and your selection will be enabled. ** Motion Detector/IR Beam/Signal required*	**Wait for Motor** "**Double CLICK**" (~2s) **Party Mode** **One Button Op** **Egress** **Move Assist**
opt	To switch from 1 mode to another repeat the above steps and select a different mode in step 2	
opt	To return to Normal mode… Perform step 1 twice. Press Open + Close until the motor clicks, wait ~1s and repeat.	**Wait for Motor** "**Double CLICK**" (~2s) **Repeat…** **Wait for Motor** "**Double CLICK**" (~2s) **Normal Mode**

Dealer/Installer Options:

Installer Options	Normal	Party Mode	Egress	One Button Op	Move Assist
Auto Close	n/a	Default ON	Default ON	Y Default OFF	Y Default OFF
Auto Close Time Limit	n/a	1s – 1 day	1s – 1 day	1s – 1 day	1s – 1 day
Auto Close Disable	n/a	Y	Y	Y	Y
Brake on Close	Default	Y	Y	Y	n/a
Delayed Brake on Close	1s – 1 day	1s – 1 day	1s – 1 day	1s – 1 day	n/a
Brake on Close Disable	Y	Default	Default	Default	Default
Brake on Open	Y	Y	Y	Y	n/a
Span Adjust on Open	1 – 98 seconds. Default 5s. (Shared Setting)				1 – 98s
Infinite Span Adjust Time	Y (Shared Setting) Infinite = 99				n/a
Span Adjust Disable	Y (Shared Setting) Disable = 0				Y
Span Adjust Range(in)	6in – 100ft	6in – 100ft	6in – 100ft	6in – 100ft	6in – 100ft
Global Brake Disable* *wall switch brake disable	Y	Y	Y	Y	Y

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