



Technical Bulletin

Date 6/6/2023	Bulletin # 118	Model Opus Controller Firmware
Subject Opus Rev. 30 Updates		

There is only one change from revision 29 to 30; a new selection in the “operator type” setting under “Base Settings.”

The new operator type is “NABCO Swing”. This is for a new swing operator to be available in the Fall of 2023.

Available setting for “Operator Type” are:

Setting	Description
GT-710 Swing	For GT-710 swing doors only
NABCO Swing	For the non-handed swing operator only
1175 RetroU19 Slide	For use in sliding doors still using old U00-U19 operators
GT1175 Opus Slide	For use in sliding doors with VS-150 operator (not DS-150)
2400 Opus Slide	For use in low-energy sliding doors with VS-150 (not DS-150)
GT-300/400/500 Swing	For use in any swing door with a GT-500 style gearbox.

The second page of this bulletin repeats all the important changes that were made for revision 29.



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Opus R. 29 Updates (also apply to Rev. 30)

- 1) The primary change is with Password Protection. There are 2 levels of protection: partial and full.
 - The settings, by default, will now be partially protected. This means that settings that could affect safety, such as base settings, movement settings, and sensor monitoring settings will always be protected.
 - Settings such as input and output settings that are not being used for sensor monitoring will remain accessible for use by people integrating other devices such as access control and fire alarms.
 - To access the protected settings, the password will only need to be entered once during the tuning/setup session. Those settings will then automatically go back to being protected after no programming activity has occurred after 2 hours, or after power is cycled.
 - The password is still the same, "0045".
 - Full protection which locks all settings is an option.
- 2) A new setting has been added to the "optional settings" category called "Oneway Secure."
 - This adds greater security when a door is set to one-way.
 - It's known that with most sliding doors set to one-way, slipping something between or under the panels can trigger the interior sensor resulting in the door opening. When "Oneway Secure" is set to "yes", the interior sensor is ignored if the exterior sensor is in detection effectively eliminating this scenario.
- 3) "2400 Opus Slide" has been added to the option of "Operator type".
 - This is used when the Opus is matched to a VS-150 operator in a model GT2400 slider and conforms to the low-energy slider standard (ANSI A156.38).
- 4) When setting up sim-pairs or bi-folds with 2 controls, sensor monitoring settings and output settings will not copy to the other control when "yes" is selected to "copy data."
 - This will reduce problems created when monitored sensors, typically overhead presence, are connect-ed to one control and not the other (door mounted sensors are typically connected to both controls).
 - If in the case both controls are wired to sensors in an identical manner, the appropriate settings will need to be set on each control.
- 5) When programming, each setting will show the settings category at the top of the display which can help navigate through the settings.