

# How do I update the firmware on my Guardall PX, QX, RX panel?

Last Modified on 12/23/2021 12:14 pm EST

## Question

How do I update the firmware on my Guardall PX, QX, RX panel?

## Answer

To update the firmware you need the latest AVR ISP MKII Kit, which is a USB controlled programmer manufactured by Atmel. The Guardall Part Number for the kit is W76546.

The kit uses a package called 'AVR Studio' to control the programmer.

V4 Firmware (or above) will only run on an appropriate ATmega 2560/2561 device.

RX16i, QX32i, PX500 and PX250HS use ATmega2561 processor. PX48i & PX80i use ATmega2560 Processor.

For more complete details and step by step diagrams, please refer to the AVR Studio Programming Manual.

Note: When flash-upgrading PX80, PX250HS or PX500, the configuration will normally be maintained following the flash upgrade. All other Panels should be defaulted following a flash upgrade. It is therefore always recommended to make a backup of the configuration prior to upgrading any system.

## Applies To

Guardall PX QX RX Control Panels and Accessories

## Additional Information

This applies to both the 6.3.249 Accessory Add On for Guardall Support, and the OnGuard 6.4.500 Technology Update 1 or above

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