These are the release notes for the version 1.0 software for Vengeance M60, Vengeance M90, and Vengeance K90.

Version numbers associated with this release:

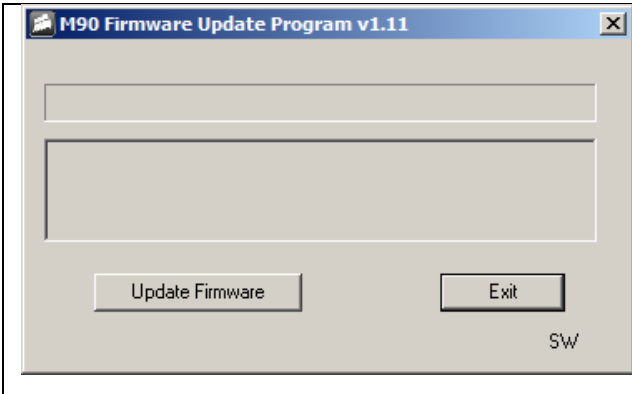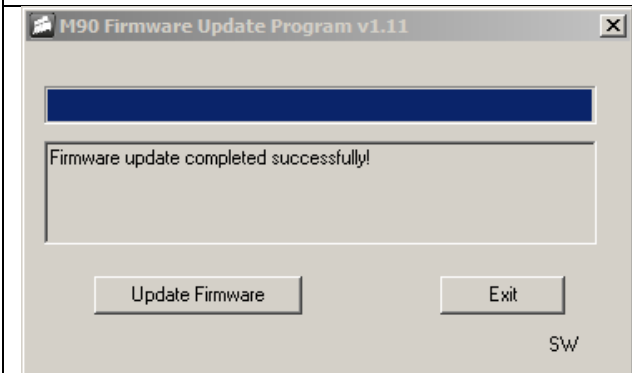|	M60	M90	K90
Software	1.0.0.27	1.0.0.29	1.0.0.30
Firmware	1.11	1.11	1.19

The 1.0.0.xx releases are not lower or older versions of the existing software – they are the latest versions available. These version numbers appear to be lower than the "Beta 2.12" software that has been on our website since January. "Beta 2.12" was the internal revision code (Beta 2, build 12) for version 1.0 of the software. Reinstalling "Beta 2.12" would be a downgrade.

Before installing this new software, please ensure that any previous version of the software is uninstalled. It is recommended that you export any profiles you have created before you uninstall the software in order to ensure that they are not lost in the reinstall process.
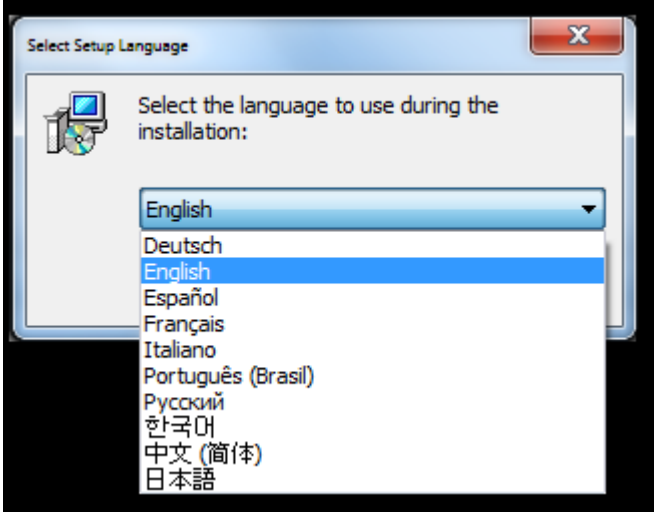
In addition to uninstalling any existing software, before installing this software please run the firmware update included in the ZIP file to ensure your device is running the latest version of firmware.

IMPORTANT: IF YOUR M60 OR M90 FIRMWARE VERSION IS HIGHER THAN 1.11, OR YOUR K90 FIRMWARE VERSION IS CURRENTLY HIGHER THAN 1.19, DO NOT INSTALL THE INCLUDED FIRMWARE UPDATE, AS YOU WILL BE DOWNGRADING.

The firmware updater will erase all existing settings on the product and reset it to factory defaults.

M90 Firmware Update Program v1.11 [Update Firmware] [Exit] SW		When the firmware updater is launched, it will first display a warning dialog. Make sure not to unplug the mouse or turn off or reboot the computer during the update process. Once the firmware update program launches, click "Update Firmware" to start the firmware update process.
M90 Firmware Update Program v1.11 Firmware update completed successfully! [Update Firmware] [Exit] SW		Once the firmware update process is complete, click "Exit" to close the updater.

This release adds several new features and fixes many bugs, all of which are detailed in the table below.

K90	M90	M60	Languages
V	V	V	Added: Multi Language UI Setup and UI 8 languages: English, German, French, Spanish , Italian, Russian, Japanese, Chinese (Simplified) Exceptions: - EULA displayed during installation is in English - Firmware update setup and program are in English
			New Features
V	V	V	A single "Basic Command" or "Advanced Command" can be assigned to a mouse button or G-Key by pressing the [+] symbol. It is no longer necessary to record a macro to assign simple commands or map individual keystrokes – just select the button you wish to program, choose the assignment you would like, and press [+] to set it.
V	V	V	Key mapping: Mouse buttons and G-Keys can be mapped to a single standard keyboard key. Assigning a Keystroke command will display a dialog to record a single key. Keystroke commands are supported for both Hardware and Software Playback modes. Note: for K90, "Keystroke" is located under Assign Keys>>Advanced Options>>Basic Commands menu. For M60 and M90, "Keystroke" is located under Assign Buttons>>Button Options>>Basic Buttons Example K90 screenshot:

			Example M90 screenshot:
			Example K90 Keystroke dialog box screenshot:
V	V	V	On-board profiles can now be reset to defaults without software. *Warning - all on-board macros and settings will be deleted.*

K90	M90	M60	
			K90 Keyboard: Hold ESC down while plugging in USB cable. M60 and M90 mouse: Hold left and right button down while plugging in USB cable.
K90	**M90**	**M60**	**Bugs fixed:**
	V	V	Various software and firmware changes have been implemented to prevent mice from losing all functionality. All known root causes of mouse "bricking" have been addressed.
V	V	V	Macro playback is no longer interrupted by pressing keyboard keys or clicking other mouse buttons.
V	V	V	Speed of UI change when switching between devices using <> icons has been improved.
	V	V	DPI settings will now be correctly loaded from saved profiles when Hardware Playback is enabled.
	V	V	Lift height will now be correctly loaded from saved profiles and will not automatically switch to "Low".
	V	V	Angle Snapping setting will now be correctly saved and loaded on a per-profile basis.
V	V	V	Dialog layouts for G-Keys and Button Preview have been rearranged to better display long macro labels.
V			If HW playback is enabled, when MR is pressed start recording and then pressed again to stop, playing a G-Key macro will no longer delete macro content.
V	V	V	Recording a new macro using playback from an existing macro will no longer result in double-recording of those keystrokes.
V	V	V	Firmware update no longer hangs with "Update firmware" button disabled even though progress bar shows firmware is complete.
V	V	V	Firmware update USB timing improved, solving USB device detection and other device handling issues on certain systems. Some USB 3.0 chipsets are still problematic. Please use USB 2.0 or 1.1 ports to update firmware.
V	V	V	Firmware update setup will now overwrite any existing files that may have been left behind from a previous incomplete uninstall, ensuring all files are up to date.
V	V	V	Configuration software update setup will now overwrite any existing files that may have been left behind from a previous incomplete uninstall, ensuring all files are up to date.
V	V	V	UI setup program properties now shows correct UI version number
V	V	V	UI (i) info dialog now shows correct UI software version number
V	V	V	Programs launched via a G-Key or mouse button will now be in the forefront
V	V	V	USB 3.0 setup device detect for old firmware version check, can't detect device
		V	Clicking on DPI slider, slider knob lags several seconds to move to new position

K90	M90	M60	Fixed:
V	V	V	can cancel Fw update program when updating by pressing Esc
V	V	V	typing wrong bin file name on command line can launch FW update program

Significant known issues:

- Firmware updaters require the mouse or keyboard be plugged directly into the PC, rather than into an external USB hub port or a USB extension cable, such as the USB ports found on the back of the Vengeance K60 and Vengeance K90 keyboards.

- Software cannot detect devices plugged into some USB 3.0 ports. For best results, please ensure your device is plugged into a USB 2.0 or USB 1.1 port before running the firmware update utility.