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# 1 Firmware Upgrade

You can upgrade the **VP-790** via the Kramer **VP-790** Updater Tool software.



The latest version of firmware can be downloaded from the Kramer Web site at [www.kramerelectronics.com](http://www.kramerelectronics.com).

## 1.1 Installing the VP-790 Updater Tool

Download the **VP-790** Updater Tool software from <http://www.kramerelectronics.com>.

The **VP-790** Updater Tool requires the following:

- Windows™ XP, Vista or Windows™ 7
- Microsoft .Net Framework version 3.5

To install the **VP-790** Updater Tool:

1. Double click the Windows Installer Package file.

The **Welcome** window appears:

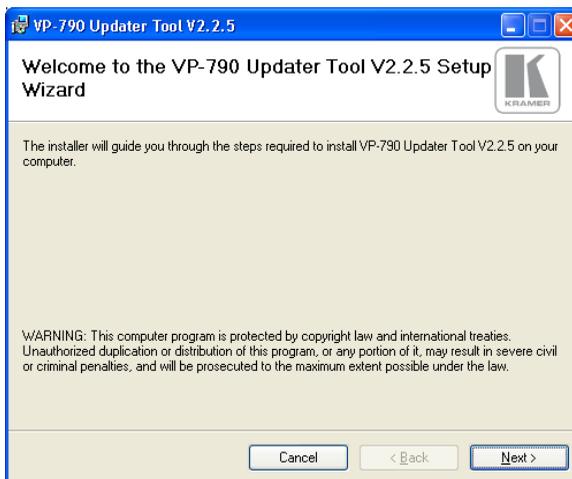


Figure 1: Welcome Window

2. Click **Next**.

The **Select Installation Folder** window appears:

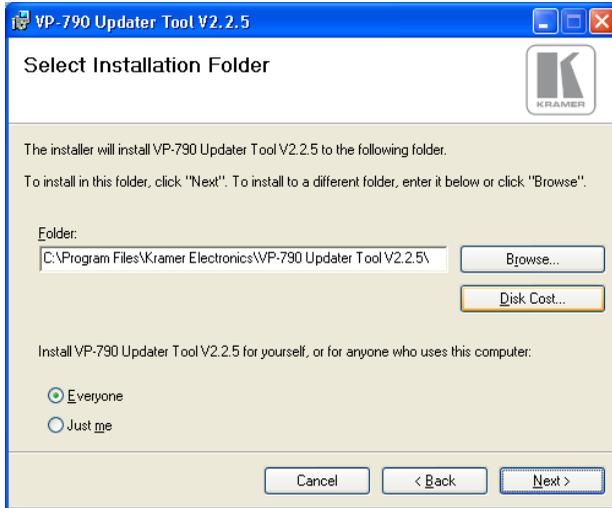


Figure 2: Choose Destination Location Window

3. Click **Browse** to select the destination folder.
4. When finished, click **Next**.

The **Confirm Installation** window appears:

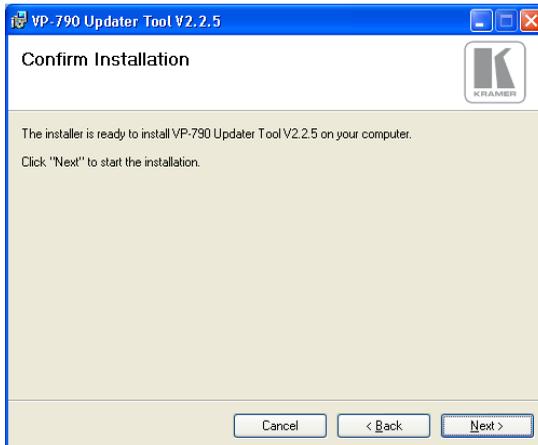


Figure 3: Confirm Installation

5. Click **Next**. The **Installation Progress** window appears:

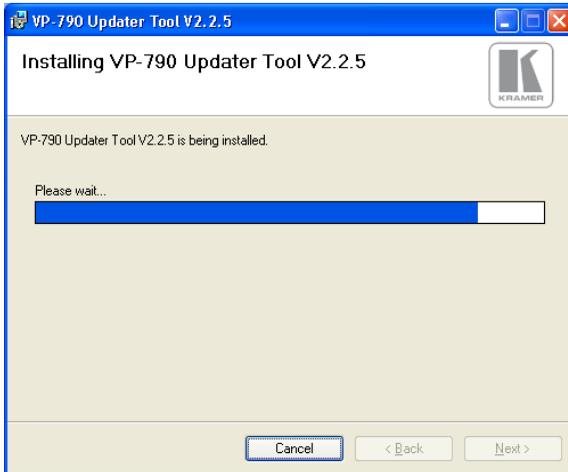


Figure 4: Installation Progress Window

Then the **Installation Complete** window appears:

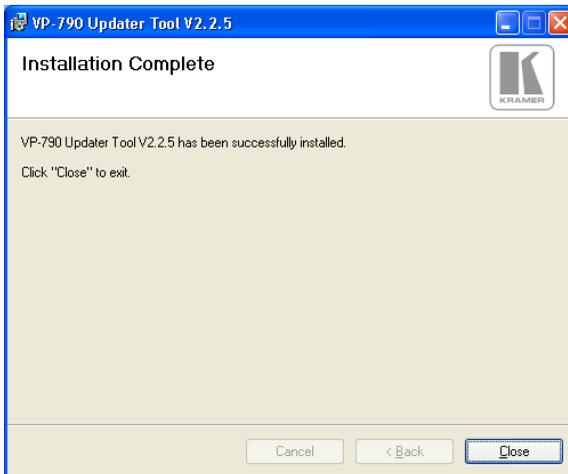


Figure 5: Installation Complete Window

6. Click **Close**.

An icon appears on the desktop and a shortcut appears in the **Start Menu Programs** folder in the **Kramer** sub-folder.

## 1.2 Saving User Settings

If you want to backup the user settings before upgrading the machine, you can do it through the **VP-790** Web pages. To do so, type the local IP address for the **VP-790** in the Web browser's address bar and press the ENTER button.

You can obtain/set the IP address via the OSD menu by entering the Network Setup submenu within the Setup Menu or by connecting the **VP-790** to an Ethernet based network with the default DHCP setting to allow the **VP-790** to obtain a valid IP address from the network server.

Following firmware upgrade you may find that the **VP-790** user settings have been reset to their factory default values. If you wish to restore the user settings, you can do it via the **VP-790** Web pages.

## 1.3 Updating the Firmware

To upgrade the firmware:

1. Power down the **VP-790**.
2. Press and hold the menu button and turn the power On again. After a few seconds, you can release the MENU button.  
The **VP-790** enters the firmware update mode.
3. Start the **VP-790** Updater Tool application.

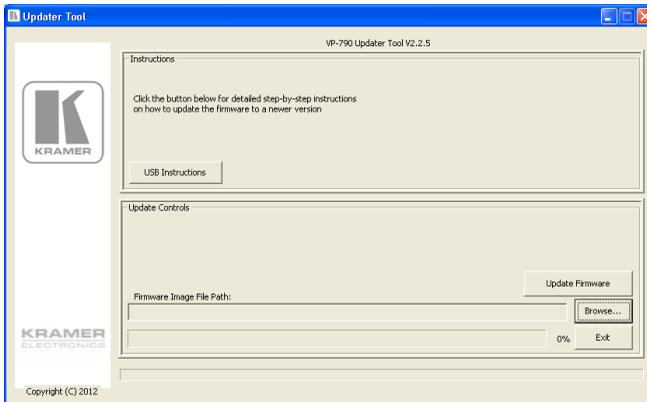


Figure 6: Updater Tool Window

4. Plug in a USB cable between the **VP-790** and the PC.
5. Using the **VP-790** Updater Tool application, click **Browse** and select the location of the desired BREC file to be programmed into the Unit.
6. Click **Update Firmware**.  
When the **VP-790** has finished programming you will see a "Firmware update complete", dialog box (this will take a minute or two).
7. After firmware update is complete, click **OK**.
8. Unplug the USB cable from the **VP-790** unit.
9. Exit the **VP-790** Updater application.  
Do this only after disconnection,
10. Power cycle the **VP-790** for the firmware update to take effect.
11. If you wish to restore the user settings go to [Section 1.2](#)