



# Technical Bulletin

## Updating Firmware in the Plus-X 600

### Scope

This document defines the procedures for updating firmware in the Plus-X 600. If your Plus-X 600 unit has a current firmware revision lower than 1.0.10 it will require a two-step update process as described below.

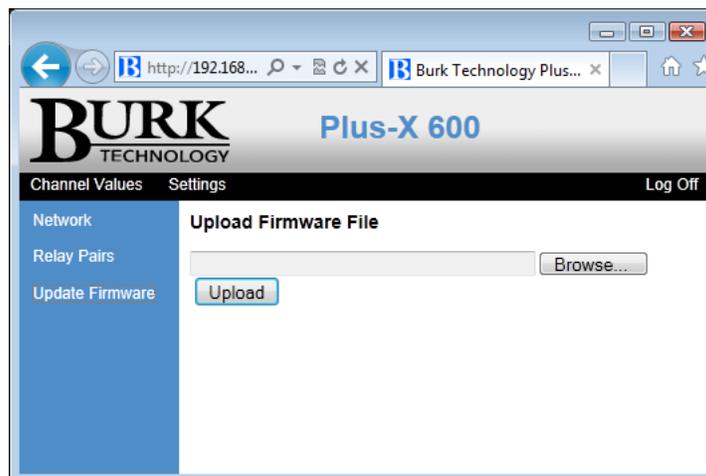
### Uploading New Firmware

If your Plus-X 600 unit is currently running firmware version 1.0.10 or higher, use the firmware upload procedure detailed below in *Using the Burk Firmware Loader*. If your unit is currently running firmware at a revision lower than 1.0.10, first upgrade to 1.0.10 with the procedure described as follows in *Using the Web Interface to Upload Firmware*.

### *Using the Web Interface to Upload Firmware*

Direct your browser to the IP address of the Plus-X 600, log on, navigate to the **Settings** page and select **Update Firmware** in the menu at the left side of the screen. If the web page has a “Browse” button and an “Upload” button as shown on the screen below, continue with this procedure. If not, skip to the procedure in the next section, *Using the Burk Firmware Loader*.

Visit [www.burk.com/downloads](http://www.burk.com/downloads) and select the Plus-X 600 support page. Download the zip folder *Plus-X 600 1.0.10 With Bootloader*. Extract the file *PlusX600\_1\_0\_10\_WithBootloader.bin* and place it in an accessible directory on your PC.



Screen appearance on Plus-X 600 units with firmware version lower than 1.0.10

Click the **Browse** button shown above to select the firmware file you just saved, then click **Upload** to load the new firmware. The Plus-X 600 will reboot after the firmware upload is complete. When you have completed this procedure, go on to the next section to load the most current firmware revision using the Burk Firmware Loader.

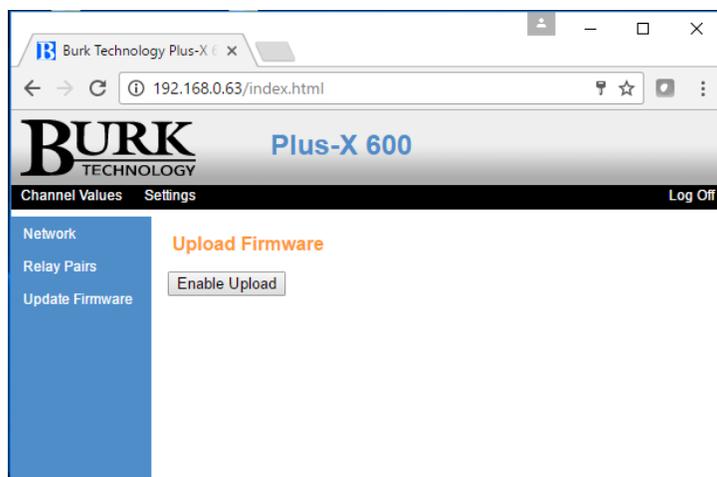
#### *Using the Burk Firmware Loader*

Direct your browser to the IP address of the Plus-X 600, log on, navigate to the Settings page and select Update Firmware in the menu at the left side of the screen. If the web page has an “Enable Upload” button as shown on the screen below, continue with this procedure. If not, return to the procedure in the previous section

#### *Using the Web Interface to Upload Firmware.*

Visit [www.burk.com/downloads](http://www.burk.com/downloads) and select the Plus-X 600 support page. Download and run the Burk Firmware Loader executable file. This will install the Burk Firmware Loader on your PC.

Also from the Plus-x 600 support page, download the zip folder *Plus-X 600 1.x.x Current* and place it in an accessible directory on your PC. It is not necessary to extract files from this zip folder. The Burk Firmware Loader will operate directly on the zip folder itself. However, you may wish to extract the Release Notes file and the firmware upload procedure for reference.



#### **Screen appearance on Plus-X 600 units with firmware version 1.0.10 or higher**

Click **Enable Upload** on the screen above to prepare the Plus-X 600 to receive the new firmware.

It may also be necessary to configure the Windows Firewall to allow the Burk Firmware Loader to communicate with the Plus-X 600. This can be done as follows:

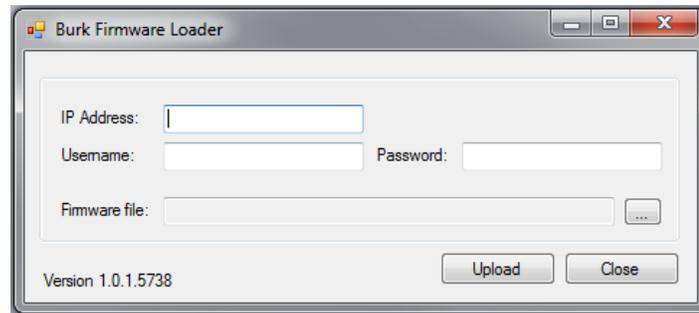
1. Click **Start > Control Panel** and select **Windows Firewall**.
2. Select **Allow a Program or feature through Windows firewall**.
3. Select **Allow another program**.

NOTE: If the Allow another program button is un-selectable, click the Change Settings button first to unlock this.

4. Now click **browse** and search for the file C:\Program Files(x86)\Burk Technology\Burk Firmware Loader.
5. Select **BurkFirmwareLoader** and click **Open** and then click **Add**.

Now run the Burk Firmware Loader as follows:

1. Click **Start>All Programs>Burk Technology>Burk Firmware Loader** and launch the program. The window below will open.



2. Enter the IP Address of the Plus-X 600, the Username and the Password. Select the Plus-X 600 zip folder that you previously saved and click **Upload**.

*NOTE: The Plus-X 600 firmware folder is a compressed (zipped) folder. You **do not** need to un-compress (un-zip) this folder before using it with the Burk Firmware Loader.*

3. A notification window will open when the upload is complete. Click **OK**.

We are committed to providing you with the best possible service and support for your Burk Technology product. If you should have any concerns or questions, please call us at 978-486-3711.

Thank you,

Burk Technology Technical Support Team

[www.burk.com](http://www.burk.com)

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