

How to Update your Kestrel 5000 Series Firmware using Windows

▣ Requirements

- NK [Bluetooth Dongle](#)* (if LiNK compatible)
(or)
- NK [USB Data Transfer Cable](#)
(and)
- [Kestrel LiNK for Windows Program](#)
- Kestrel 5000 Series unit
- Windows computer**



*You cannot use the same Bluetooth dongle that was used with 4000 series.

** This process is only for LiNK for Windows. For LiNK for Android or LiNK for iOS, the process is automated when you open the application.

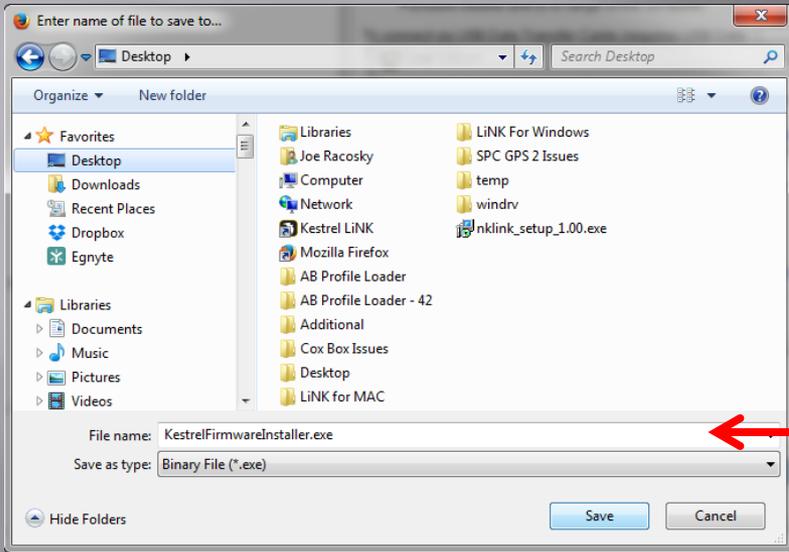
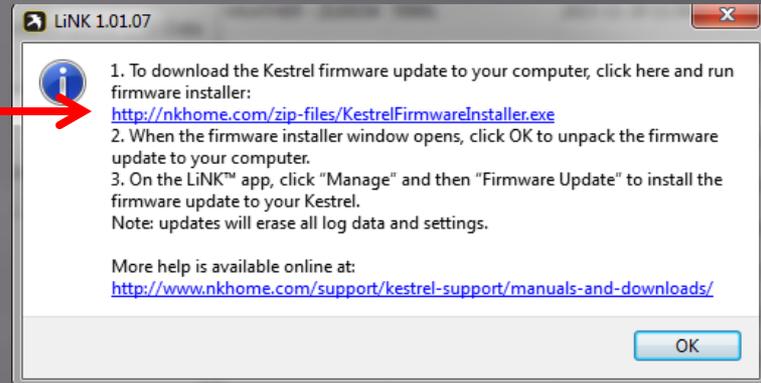
1) After downloading and installing LiNK for Windows, open the application.

2) First you will need to download the latest firmware to your computer. To do this, click on the Help Tab and open up *Update Your Kestrel*.

The screenshot shows the Kestrel LiNK application window. The 'Help' menu is open, with 'Update Your Kestrel' highlighted. The main area contains instructions for connecting to a Kestrel unit via Bluetooth or USB. A table on the right displays a list of connected devices. The status bar at the bottom indicates the current connection state.

Device	Model	Start Time	End Time	Datasets
NK Demo	5700SL	2015-11-18 13:26:00	2015-11-18 16:02:50	1367
NK Demo	5700SL	2015-11-18 13:26:00	2015-11-18 16:08:48	1546
WEATHER - 2110154	5500L	2015-11-20 11:34:00	2015-11-20 16:19:00	286
WEATHER - 2110154	5500L	2015-11-20 11:34:00	2015-11-20 16:19:00	286
Racosky's Unit	5700SL	2015-12-02 16:25:00	2015-12-03 14:13:00	1309
WEATHER - 2108492	5500	2015-12-02 16:25:00	2015-12-03 14:13:00	1309
WEATHER - 2108492	5500	2016-01-04 16:23:40	2016-01-04 17:08:40	271
WEATHER - 2108492	5500	2016-01-04 16:23:40	2016-01-04 17:08:40	271
WEATHER - 2108492	5500	2016-01-04 16:23:40	2016-01-04 17:08:40	271
WEATHER - 2116312	5500	2015-01-12 16:54:00	2015-01-13 15:03:00	1330
WEATHER - 2116310	5500	2015-01-12 16:54:00	2015-01-13 15:03:00	1330
WEATHER - 2116308	5500	2015-01-12 04:54:00	2015-01-13 03:41:00	1344

3) Click on the link in Step 1

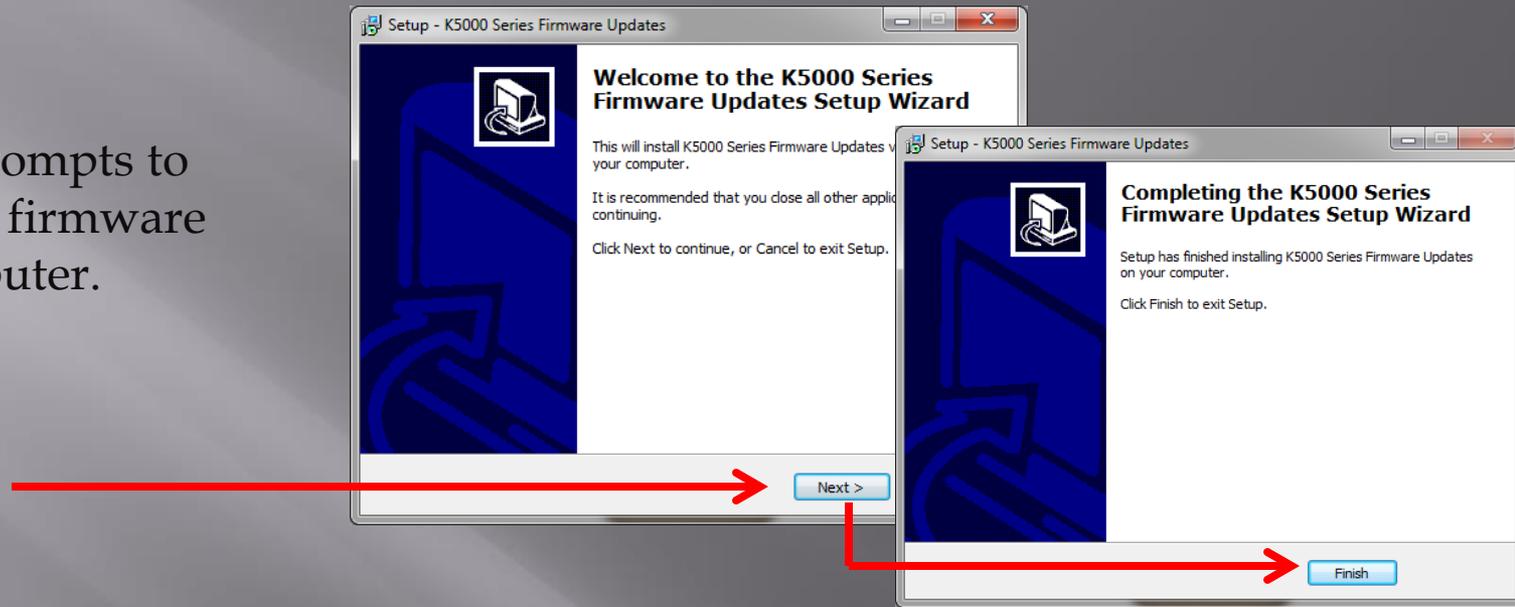


4) Save the file to a location where you can navigate to again. Easiest choice is Desktop.

5) Double click on the above file to run the firmware installer program. If a warning pops up like the one shown, you can ignore (Select Run).



6) Follow the prompts to install the latest firmware onto your computer.



7) Next we will need to connect the Kestrel to the LiNK for Windows Application.

If you are using Bluetooth (i.e., LiNK Enabled):

On the Kestrel - Turn Bluetooth to **ON**
 - Set Cnct to **PC/MOBILE**

On the computer - Insert Bluetooth dongle.

On the application - It should say "Connected to Dongle". If it still says "Searching for Dongle" please reinsert into a different USB port.

If you are using USB Transfer Cable:

On the Kestrel

- Turn Data Port to **ON**.

- Plug USB cable into back of Kestrel

On the computer

- Plug USB end of cable into computer.

On the application

- It should say "Connected to Cable" (as shown below)

The screenshot shows the Kestrel LiNK™ application window. The interface includes a menu bar with 'About' and 'Help'. The main content area is divided into two sections: wireless connection instructions and USB connection instructions. The USB section is active, showing a list of connected devices in a table. Below the table, there are buttons for 'Disconnect', 'Manage', 'Delete', and 'Export'. A red arrow points to the 'Connected to cable' status indicator at the bottom of the window.

To connect wirelessly (requires LINK enabled Kestrel 5 Series unit and Kestrel LiNK Wireless Dongle)

- In Kestrel menu, turn **Bluetooth** to **On** and set **Conct to PC/Mobile**
- Ensure Kestrel LiNK Wireless dongle is inserted in USB port
- Ensure Kestrel unit is in range of the computer

To connect via USB Data Transfer Cable (requires USB Data Transfer Cable)

- In Kestrel menu, turn **Data Port** to **On**
- Connect USB Data Transfer Cable to rear of Kestrel and USB Port

Once desired device is displayed, click on it to connect.

Connected!

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WEATHER - 2116310	5500	2015-01-12 16:54:00	2015-01-13 15:03:00	1330
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WEATHER - 2116310 (USB Cable)

Disconnect Manage

Searching for dongle...
Connected to cable

Delete Export

Please Note: The computer may take some time to install the driver the first time that the USB Data Cable or Bluetooth Dongle is inserted into the computer. Please allow some time for setup to occur. You may have to close and reopen the program after the driver is installed.

8) Select your Kestrel when it appears in the application.

9) Select the Manage Tab.

10) Select Firmware Update.

The screenshot displays the Kestrel LiNK software interface. On the left, there are instructions for connecting wirelessly or via a USB cable. The main area shows a table of connected devices. A red arrow labeled '8' points to the device 'WEATHER - 2116310 (USB Cable)' in the list. Another red arrow labeled '9' points to the 'Manage' button below the device. A third red arrow labeled '10' points to the 'Firmware Update' button in the 'Manage' dialog box.

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Manage Dialog Box:

Device Information

Name: WEATHER - 2116310 Firmware Ver: 1.02

Model: 5500 Hardware Ver: Rev 8D

Serial Number: 2116310 Profile Ver: --

Name:

11) You will now be prompted if the latest firmware is not currently on your device. Please select Yes to update the firmware (it will erase your data on the device).

12) Please wait for the Kestrel to reboot after the progress bars are completed. Once the Kestrel reboots, the new firmware will be on your device.

