

# 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\*\*

*Ballistic users SHOULD save their guns prior to performing this update as they may be erased.*



\*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.

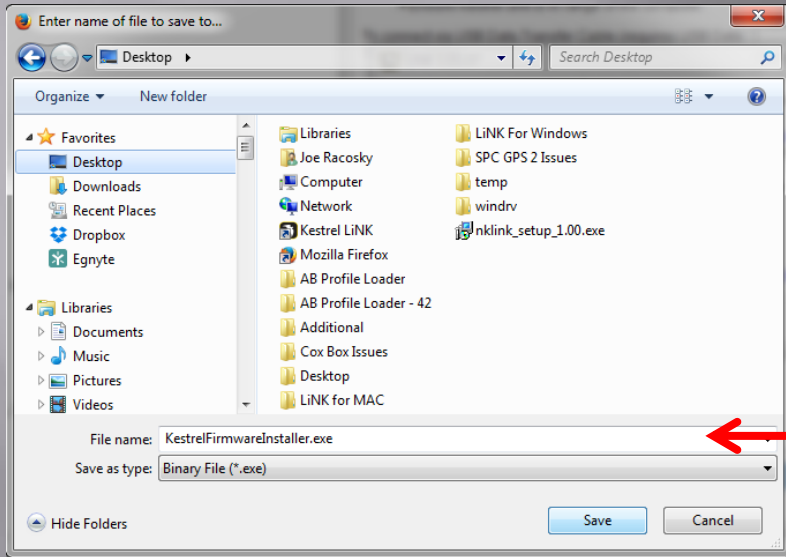
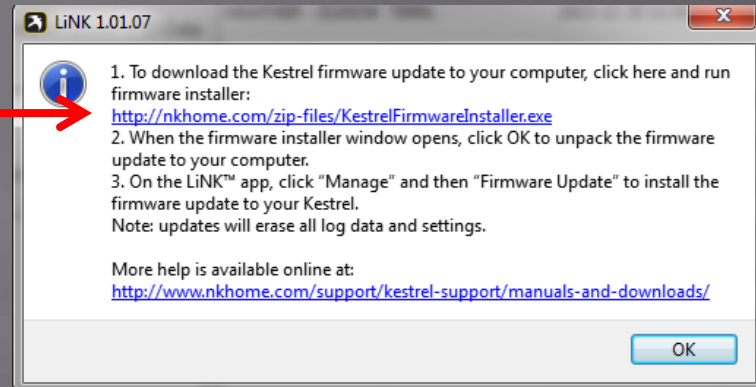
2) First you will need to download the latest firmware to your computer. To do this, click on the Help Tab and open up *Update Your Kestrel*.

The screenshot shows the Kestrel LiNK application window. The 'Help' menu is open, with 'Update Your Kestrel' highlighted. The main area displays instructions for connecting to a Kestrel device. A table on the right lists the following data:

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

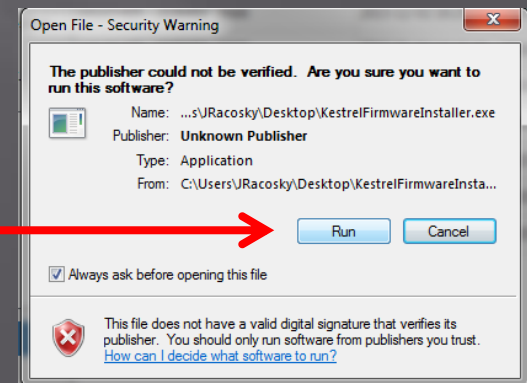
Buttons at the bottom include 'Restart Scan', 'Manage', 'Delete', and 'Export'. The status bar shows 'Searching for dongle...' and 'Connected to cable'.

3) Click on the link in Step 1

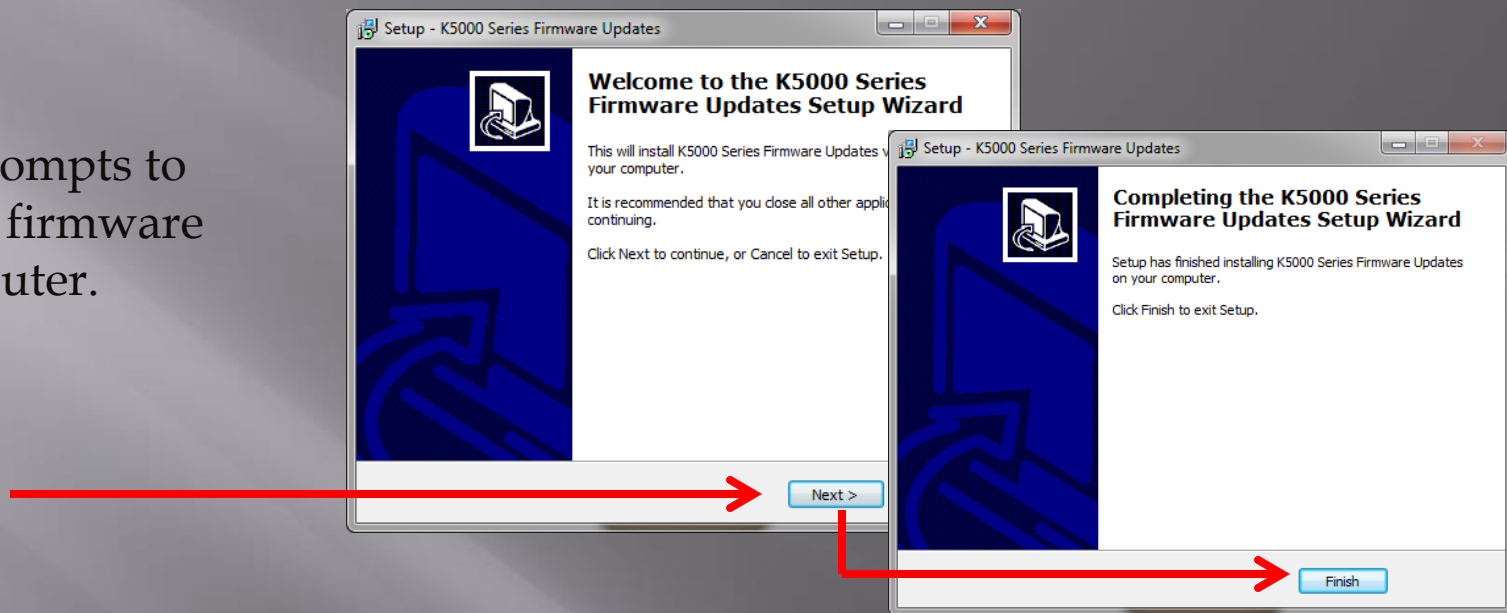


4) Save the file to a location where you can navigate to again. Easiest choice is Desktop.

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**
- Press center button on Bluetooth and Set Conct 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 conditions continue, see guidance [here](#).

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)

*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.*

The screenshot shows the Kestrel LiNK™ application window. The interface includes a menu bar with 'About' and 'Help'. Below the menu, there are instructions for connecting wirelessly and via USB Data Transfer Cable. A list of connected devices is displayed in a table format. At the bottom, there are buttons for 'Disconnect', 'Manage', 'Delete', and 'Export'. A red arrow points to the 'Connected to cable' status indicator.

Device	Model	Start Time	End Time	Datasets
NK Demo	5700SL	2015-11-18 13:26:00	2015-11-18 16:02:50	1367
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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

Connected!

WEATHER - 2116310 (USB Cable)

Disconnect Manage

Searching for dongle...

Connected to cable

Delete Export

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 and via USB. A device list table is shown in the center. A 'Manage' dialog box is open on the right, showing device information and options for 'Download Log', 'Firmware Update', and 'Model Upgrade'. Red arrows and numbers 8, 9, and 10 indicate the steps: 8 points to the selected device 'WEATHER - 2116310 (USB Cable)', 9 points to the 'Manage' button, and 10 points to the 'Firmware Update' button in the dialog.

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**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.

