

Factory Installed Firmware

- Factory firmware can be found below and re-installed using the Blackbox Link 2.7 PC program.
- If you want to install factory firmware or firmware updates, you **MUST** first install Programmer2 version **EE460145** under **Firmware Updates** before installing. This version is required when using Blackbox Link 2.7 to perform updates. It also allows universal programming of all current ESCs and updates.

Model	Date	File Name	File Description	Firmware & Manual
610R	3/5/24	11858509	Factory firmware	link
510R	3/9/2018	B468314	Factory firmware	link
850R	5/19/21	C468213	Factory Firmware	link
1000Z+ PRO	3/25/19	B468400	Factory firmware	link
510R 1S	1/22/20	B468101	Factory firmware	link
600Z-G2	2/17/21	11858702	Factory Firmware	link
880R	6/26/25	11846103	Factory Firmware	link
Programmer2	6/26/25	EE460145	Factory Firmware	link

These files are compressed files. To download and use zip files, see this link: <https://www.wikihow.com/Open-a-Zip-File-Without-Winzip>

Firmware Updates

Firmware updates can be found below and installed using the Blackbox Link 2.7 PC program.

Programmer2 #27027				
Model	Date	File Name	File Description	Firmware & Manual
Programmer2	6/26/25	EE460145	Universal programming functionality with 610R, 880R, 510R, 850R, 1000Z+ PRO, and 600Z-G2. Required when updating ESCs using Blackbox Link 2.7.	link

510R ESC #27004				
Model	Date	File Name	File Description	Firmware & Manual
510R	5/9/18	B468316	Adds "Instant" release option to the Turbo "4K Release Rate" menu in Expert mode.	link

850R ESC #27007				
Model	Date	File Name	File Description	Firmware & Manual
850R	6/8/21	C468213	Improves BEC stability and reduces servo noise interference. Bug fixes.	link

610R ESC #27016				
Model	Date	File Name	File Description	Firmware & Manual
610R	3/5/24	11858509	New factory firmware. Wider brake strength adjustment range, bug fixes. Requires EE460145.	link