


Touch Encoder

Firmware Update Instructions

TE OS Version < 1.0.0 (no UtilityApp)




1 Log on to: <https://www.touchencoder.com/programming>



**TE OS Version < 1.0.0
(no UtilityApp)**

Click here → [Firmware Update Guide](#)
[Firmware Download](#)

[Programming Manual](#)
[USB Protocol Document](#)
[CANbus Protocol Document](#)
[Download App \(Grayhill\) to iPad](#)











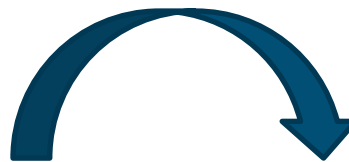
**TE OS Version 1.0.0 or greater
(includes UtilityApp)**

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[Programming Manual](#)
[USB Protocol Document](#)
[CANbus Protocol Document](#)
[Download App \(GH TE-MX\) to iPad](#)

2 Extract Files (1st Level Only) onto USB

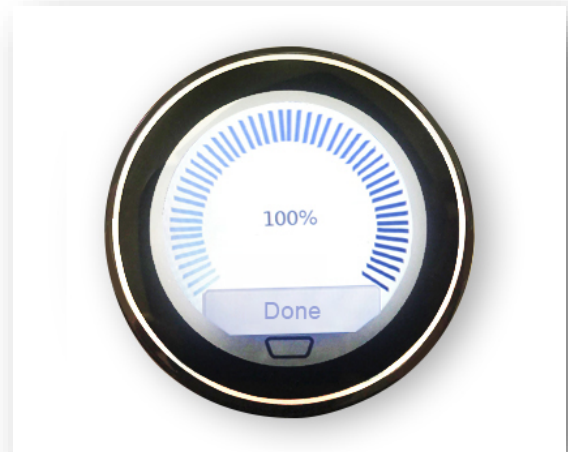
Name	Type	Size
 3.0.2.tesys	TESYS File	7,210 KB
 1.3.0.p6.tebl	TEBL File	103 KB
 1.3.0.p6.tebl.manifest	MANIFEST File	1 KB
 3.0.2.p6.tefw	TEFW File	5,096 KB
 3.0.2.p6.tefw.manifest	MANIFEST File	1 KB
 updateBootloader.bin	BIN File	103 KB
 updateOS.ulmage	UIMAGE File	5,096 KB
 Sample Project	zip Archive	1,076 KB



3 Connect USB to SDK and Power Up



Follow Instructions. Once update is complete, reboot SDK by removing power cable for at least 5 seconds



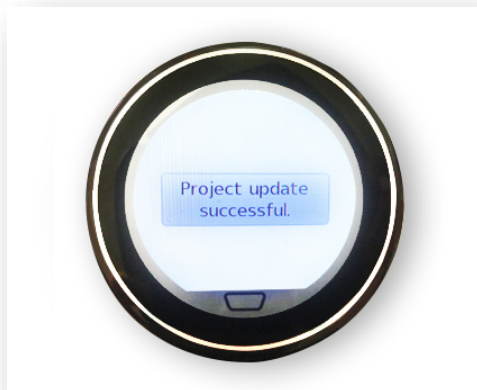
**Update Project next before
proceeding**



Tap on 'Update'



Once complete, Reboot the SDK



Once Firmware 3.0 is updated, please use our latest iPad app to create projects for your Touch Encoder (see Programming Manual for details):



GH TE-MX

OPEN



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About Grayhill

Grayhill, Inc. is a privately held firm which designs and manufactures intuitive human interface solutions that make life simpler, safer and more efficient. Standard products include optical and hall effect encoders, discrete and hall effect joysticks, rotary switches, keypads, and pushbuttons; all with finely tuned haptics. Grayhill specializes in creating ergonomic panels and product shells that integrate various interface technologies, including displays, our components, and gesture recognizing multi-touch technology. With headquarters in La Grange, Illinois, and multiple state-of-the-art facilities around the world, Grayhill's team has the full engineering, product development and manufacturing expertise to deliver both standard and customized products quickly and cost-effectively. To learn more about Grayhill's products and capabilities, visit www.grayhill.com.