

Engineering Mode on Helix HLT2500 and HLT3500 Consoles

Engineering mode on HLT2500 and HLT3500 consoles allows you to view total time, view total distance, choose miles or kilometers as the distance unit, and change language settings. It also allows use of the same console on both single-drive (HLT2500 and most HLT3000) and double-drive (HLT3500 and some HLT3000) products.

To View Total Time or Distance, Or to Change Operating Modes or Language Settings

1. When the console is not lit, start exercising on the product. As soon as the unit powers up, simultaneously press and hold **“QUICK START”** and **“CLEAR”** keys for three seconds.
2. The software version will appear, for example, **“HELIX VER-13.”** Press the **“ENTER”** key to view other settings.
3. **“FINISH 20151223”** (with different numbers at the end) will appear. Press the **“ENTER”** key to view other settings.
4. **“PRODUCT BIKE”** will appear. Press the **“ENTER”** key to view other settings.
5. **“1 TRANSMISSION 1”** or **“2 TRANSMISSION 2”** will appear. If you do not want to change the transmission setting, press the **“ENTER”** key to view other settings. If you do want to change the transmission setting, press the **“UP”** or **“DOWN”** key until the transmission type of this product appears, then press the **“ENTER”** key. For more information, please see **Note about Transmission Type** below.
6. **“ENGLISH”** or **“METRIC”** will appear. If you do not want to change the unit of measure, press the **“ENTER”** key to view other settings. If you do want to change the unit of measure, press the **“UP”** or **“DOWN”** key until your preference appears. Then press the **“ENTER”** key to view other settings.
7. Total time in use will appear, for example, **“000257H 02.38,”** indicating 257 hours, 2 minutes, and 38 seconds of use. Press the **“ENTER”** key to view other settings.
8. Total distance of use will appear, for example, **“DIST 00016847 ML,”** indicating 16847 miles of use. Press the **“ENTER”** key to view other settings.
9. **“PWM OUTPUT 0”** will appear. Do not press the **“UP”** or **“DOWN”** key to change the setting. Press the **“ENTER”** key to view other settings.
10. **“OFF BATTERY”** will appear. Press the **“ENTER”** key to exit engineering mode and enter normal operation mode.

Note about Transmission Types

- HLT2500 and most HLT3000 products use the single-drive transmission system, denoted as transmission 1. Single-drive products have one drive belt.
- HLT3500 and some HLT3000 use the double-drive transmission system, denoted as transmission 2. That means they have a jackshaft and two drive belts, one belt to the generator, the other to the big gear pulley.

To Change Language Settings

1. When the console is not lit, start exercising on the product. As soon as the unit powers up, simultaneously press and hold **“QUICK START”** and **“CLEAR”** keys for three seconds.
2. Simultaneously press and hold the **“QUICK START”** and **“UP”** keys.
3. Press the **“UP”** or **“DOWN”** key to view various language options. When your preferred language appears, press and hold the **“ENTER”** key to select that language.
4. **“SAVE OK”** will appear. Press the **“ENTER”** key.
5. To resume normal use, stop exercising on the product, and let the console lights extinguish. Then start exercising again. Normal operation should resume.
6. If the console is still in language selection mode, remove the batteries from the back of the display console. Console lights will extinguish. Put batteries back into place. Resume normal use.

Other notes:

HLT2500 and HLT3500 consoles built before May 2016 will not offer all functions listed here. HLT3000 consoles will not have these functions unless the console has been replaced with a new version.