

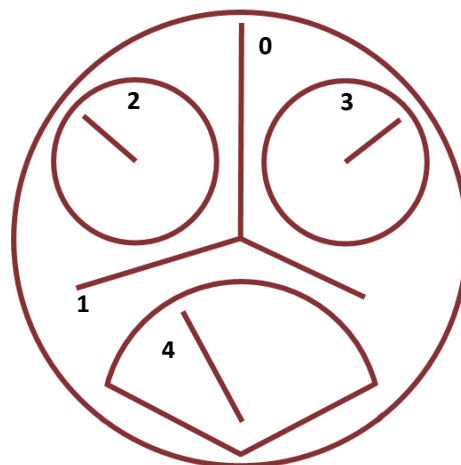
The Pilgrim

Sophistication at 13¼" calibre

The Pilgrim combines the standard ETA 7750 form factor with 21st century silicon technology. As with all Hoptroff designs, The Pilgrim is crafted with customization and creative flexibility in mind.

The watchmaker can choose from a wide range of complications; features such as anniversaries and locations can be tailored to each individual user with Hoptroff's new optical interface system for configuration and customization.

The Pilgrim is named after the characters in Chaucer's *Canterbury Tales*, who set out from the Tabard Inn not far from Hoptroff's workshops in Southwark's Bankside district of London.



Movement Specification

Mechanical

The Pilgrim has 2 or 3 central pointers and three sub-dials in the form of a face. Up to two pushers are available, one at 2 o'clock, one at 4 o'clock. The movement uses a standard CR1220 coin cell (3V).

Motor 0 is a bidirectional single pointer controller of 180 or 60 steps per revolution that drive one of the central pointers. Motor 1 is a bidirectional pointer controller of 120 steps per revolution that can control either a single central pointer, or two in the ratio 12:1. Motors 2-4 are bidirectional single pointer controllers of 180 or 60 steps per revolution controlling each of the sub-dials independently.

The movement conforms to the ETA 7750 13¼" calibre (30.0mm diameter), with a reduced height of 6.5mm.

Firmware & software

Hoptroff's standard core firmware is used, with modular configuration for display functions. Functions can be selected from over 100 options in the *Carte des Complications*. The 8-bit CPU is complete with 8K flash memory, 256 byte EEPROM and 512 byte RAM. Firmware for standard functions and core modules (external communications, daylight saving adjust, perpetual calendar, temperature sensing and oscillator compensation) is included in pricing. Custom firmware development lead times and costs depend on complexity.

Timepieces are compatible with the Hoptroff GreenLight application software (patents pending).

Production

Physical modifications, including motor and battery relocation are viable in relatively small volumes. Contact us for lead time information. All production is make-to-order. "Swiss Made" is possible.

Contact us for pricing and further technical information, and also for information on sources of compatible high quality dials and cases to expedite the realization of your vision.