

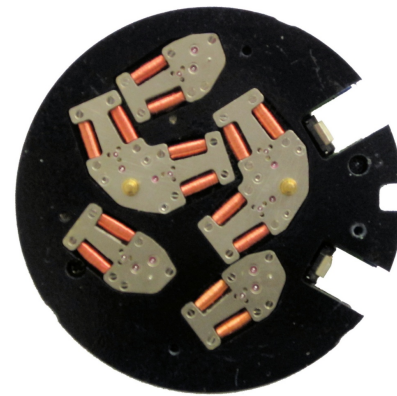
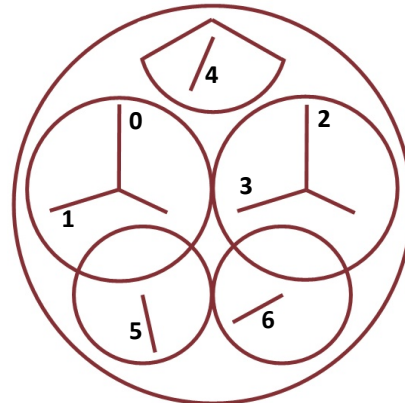
The Dickens

Elegant timekeeping at 16½''' or 18¼''' calibre

The Dickens' harmonious five-dial design is a tribute to George Daniels, one of London's finest ever watchmakers, who first used the arrangement in his Space Traveller's Watch. This implementation is capable of more variations and complications than any comparable timepiece.

As with all Hoptroff designs, The Dickens is crafted with customization and creative flexibility in mind. The watchmaker can choose the displayed functions from over 100 choices in the *Carte des Complications*; features such as anniversaries and locations can be tailored for each individual user.

The Dickens is named after writer Charles Dickens who lived in The Borough, not far from Hoptroff's workshops in Southwark's Bankside district of London.



Movement Specification

Mechanical

The Dickens has two principle dials, each with 2 or 3 pointers, and three sub-dials. 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).

Motors 0 and 2 are bidirectional single pointer controllers of 180 or 60 steps per revolution that drive one of the central pointers. Motors 1 and 3 are bidirectional pointer controllers of 120 steps per revolution that can control either a single central pointer, or two in the ratio 12:1. Motors 4-6 are bidirectional single pointer controllers of 180 or 60 steps per revolution each independently controlling one of the sub-dials.

The movement conforms to the Valgranges 16½''' calibre (36.6mm diameter), with a reduced height of 6.5mm. An 18¼''' calibre version is also available.

Firmware & software

Hoptroff's standard core firmware is used, with modular configuration of the display dials. Functions can be selected from over 100 options in the *Carte des Complications*. The twin 8-bit CPUs each have 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.