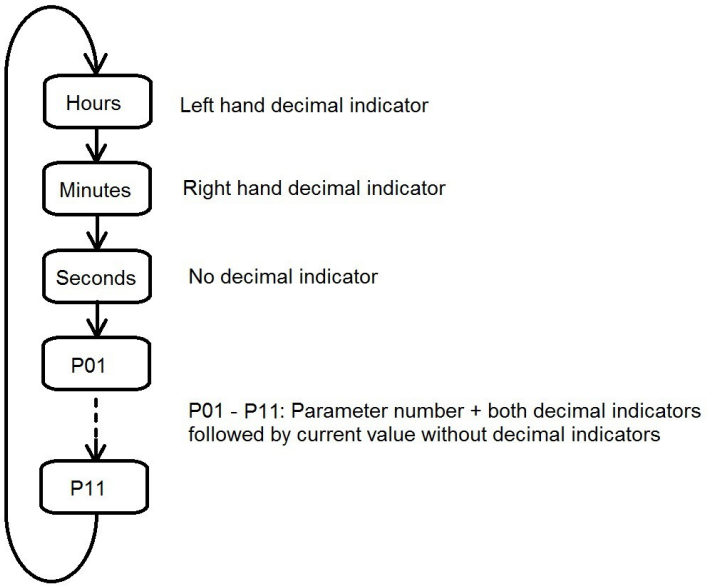
General operation

The watch has two button contacts. The right hand button is used to initiate a time reading. The left hand button is used to enter the settings menu.

Initiate a time reading:
Use your finger to make contact between the right hand button (1) and the center case contact (3). The time will now be displayed in a scrolled sequence (hours, then minutes).

Enter the settings menu:
If the left hand button (2) is pressed after a time reading is initiated (by pressing right hand button (1)) the watch will enter the settings menu after finishing the hours and minutes sequence. The hours will start flashing (always in 24hr format) together with the left hand decimal point indicator (5). The right hand button (1) can now be pressed to advance the hours. Pressing the left hand button (2) again will put the watch into minutes setting with the right hand decimal point indicator (4). Again, pressing the right hand button (1) will advance the minutes. Keep the button (1) pressed to advance the minutes very quickly. Pressing the left hand button (2) after the minutes will display the

seconds (without decimal indicators), the right hand button (1) will reset the seconds to 00 when pressed. If the left hand button is again pressed after the seconds, the parameters can be modified. A parameter number is displayed with both decimal indicators on, followed by the current value without the decimal indicators. For example suppose parameter ‘1’ is set to ‘0’ the display will show a ‘1’ with both decimal indicators followed by a ‘0’ without the decimal indicators. The right hand button (1) will change this setting. Pressing the left hand button (2) will advance to the next parameter etc.



Leaving the settings menu:

Hold the left hand button (2) pressed at any time for about 2 seconds to leave the settings menu. The current time will then be displayed. Do not keep the left hand button pressed for too long, otherwise the watch will return again into setting mode.

Parameter listing:

P01 : Time format [0=hh/mm, 1=hh/mm/ss, 2=hh/mm/ss + 5 seconds real time, 3=hh/mm continuously with 5 second intervals]
P02 : Motion sensor disable [0=always, 1=after 2hrs, 2=after 4hrs, 3=never]
P03 : Maximum brightness [0=25%, 1=50%, 2=75%, 3=100%]

P04 : Brightness [0=constant, 1=ambient, 2=ambient+3dB, 3=ambient+6dB]
P05 : Tube brightness in low ambient light [0=+0, 1=+2, 2=+4 3=+8]
P06 : Scroll speed [0=fast, 1, 2, 3=slow]
P07 : Motion sensor sensitivity [0=very sensitive, 1, 2, 3=not sensitive]
P08 : Power saving mode [0=sleep, 1=deep sleep]
P09 : 12/24hr format [0=24hr, 1=12hr]
P10 : Calibration register increment
P11 : Calibration register decrement

Parameter defaults:

P01=0; P02=0; P03=3; P04=1; P05=2;
P06=1; P08=0; P09=0

Watch dependent: P07 = 2

Calibration

The watch keeps accurate time, probably better than 1 second per day. Should you wish to increase the accuracy, the calibration registers can be used.
P10 (calibration increment) and P11 (calibration decrement) are the registers that need to be adjusted in order to make adjustment to the time circuit.

Each increment leads to a 2.5 second increment per month. Each decrement leads to a 2.5 second decrement per month.

Suppose you have measured the watch is 10 seconds slow per month, set P10 to 4 and exit the setting menu. The internal calibration register will be adjusted by 4 times 2.5 seconds and then resets P10 to 0. If it is 5 seconds too fast per month, set P11 to 2 and then leave the setting menu.

Battery replacement

Instruction video: http://youtu.be/kWUTxhb8REw

1. Disable the motion sensor (P02 = 0)
2. Open the case back by removing the 4 screws
3. Carefully take out the electronic movement
4. Remove old battery, install new one. Be sure to put the positive terminal up, and the negative terminal against the spring.
5. Install the electronic movement back into the watch case
6. Check that the spring contacts make contact with the two buttons
7. Close the case back

Warranty

The watch carries a limited 1 year warranty. Should the device become defective within the warranty term not caused by acts of abnormal use, it will be repaired or replaced on behalf of Kopriso. Buyer agrees to pay for shipping in both directions. If any problem shows up, it is important to contact Kopriso as soon as possible to discuss further action and limit the chance of worsening the problem.