

The C90 Beckett's Power Reserve

O W N E R ' S H A N D B O O K

Time on your side...

Your Christopher Ward watch has been designed and engineered by highly talented craftspeople to ensure not only accurate and precise timekeeping but also to bring a real pride of ownership that only luxury items of the highest quality can ever hope to deliver.

You have made an investment, a good one, and the aim of this handbook is to help you make the most of that investment during what I hope will be a lifetime of ownership.

A handwritten signature in black ink that reads "Chris". The letters are fluid and cursive, with a prominent initial "C" and a small dot above the "i".

Christopher Ward



Christopher Ward
LONDON

AUTOMATIC

POWER
RESERVE

SWISS

MADE

Caring for your Christopher Ward automatic watch

Your C90 Beckett's is constructed from the finest components and materials available including one of Switzerland's finest automatic movements. As with all mechanical watches of this quality, with just a little care, it has the potential to become an heirloom piece giving further joy to future generations.

Here are a few hints to help keep your watch working perfectly over the years:

- Never fully wind your watch if it stops, 10-15 revolutions should suffice to have it restart.
- Try and wear your watch everyday, if possible, as this will both enable it to keep better time as well as preventing the lubricants in the movement from solidifying.
- Your watch is fitted with the finest Incabloc™ anti-shock system which should protect it if dropped onto a carpeted surface. However, it is best to avoid hard surfaces or sharp knocks. You may not want to wear your watch whilst playing racquet sports, for instance.
- There are many differing views about the right frequency for servicing your watch, ranging from 2 to 7 years! A modern mechanical watch like yours shouldn't need servicing more than every 3 years but we wouldn't recommend leaving it longer than this as, just like a car, the oil needs topping up from time to time.
- Always use a reputable watch repairer to clean and lubricate your watch, and keep any documentation you receive. You can always use the Christopher Ward after-sales service programme too.

Should you need a replacement part - don't worry, we keep stocks of spare parts for years, even for discontinued models. It's all part of the Christopher Ward service.

Finally, don't forget our famous **60:60 Guarantee** allows you to return your watch absolutely free, for any reason, and with no quibbles, for up to 60 days after purchase and we also guarantee your movement for up to 60 months, so long as it is regularly serviced.

After all, why shouldn't you enjoy peace of mind as much as you enjoy your watch?

About automatic accuracy

If you are new to automatic watches you may not be aware that generally speaking automatic watches are not as accurate as their quartz counterparts. Whilst it is possible to fine tune an automatic watch to within a few seconds per day, the accuracy is largely dependent upon the power reserve in the watch at any given time. As you will appreciate the power reserve is dictated largely by the amount of wear and the amount of movement given to each individual watch.

When you first receive your watch it is quite possible that the balance may have been upset during its' journey to you, and then may require a settling down period of a few days or so. After a few weeks of wear you should be in a position to determine how your wearing habits affect the accuracy of the watch and whether it is within the tolerances specified by ETA and CWL on page 7 of this manual.

The Power Reserve function

The power reserve indicator is a useful function within the ETA A07.161 movement whereby the ballbearing disconnecting-gear system relieves tension on the buffer indicator when the spring is fully wound allowing the user to see what reserves of power the watch actually holds (for more see page 11 of this manual).



The C90 Beckett's Power Reserve

Features

24 jewel Swiss mechanical movement
Self winding (automatic)
Water resistant to 5 atm
Date indicator
Convex sapphire crystal with anti-reflective coating
48 hours maximum power reserve
Transparent case back
Hand polished stainless steel case with unique serial number
Power reserve 48 hour indicator
2 level dial

Technical Data

Diameter: 43mm
Height: 13mm
Weight: 109g
Case: 316L Stainless steel
Calibre: ETA A07.161
Vibrations: 28,800 per hour (4 Hz)
Accuracy: +20 / -10 seconds per day

Description of the display and control buttons

The C90 Beckett's Power Reserve has a maximum power reserve of 48 hours when fully wound. To re-power the watch after a period of non-use, simply wind the crown until the power reserve indicator shows a charge of between 50% and 55%. Normal wearing will very quickly allow the rotor to start re-powering the watch over time after putting it on your wrist.

Display elements

Control buttons

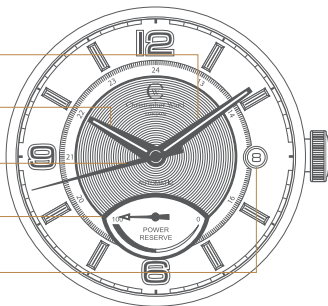
Minute Hand

Hour hand

Second hand

Power Reserve Indicator

Date Window

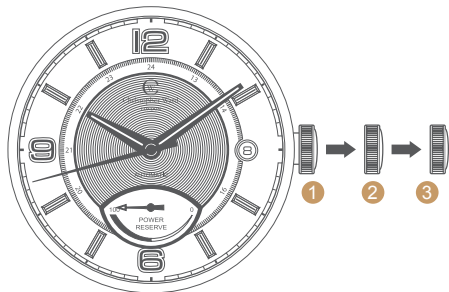


Crown



Setting the time/date

- Position ① is for winding in power. Wind in a clockwise direction to re-power the watch.
- Pull gently into position ②. For rapid date correction, turn in a clockwise direction.
- Pull gently into position ③. This position is used for handsetting, and stopping of the second hand. For precise time setting it is recommended to pass beyond the desired minute and to set the hand backwards.



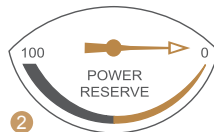
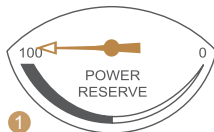
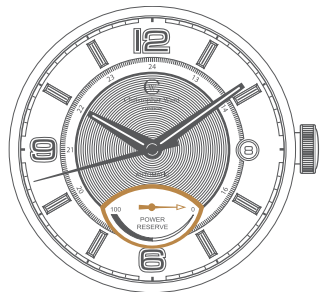
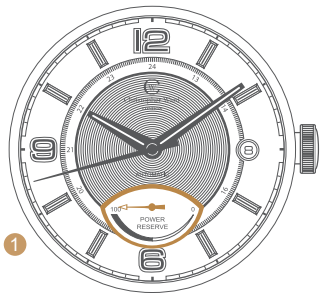
Please note: Date correction should not be carried out between 20.00 hr and 02.00 hr as the watch gearing will already be aligning itself to change the date.

The crown should always be pushed in after adjustment, and it is best to do so from position 3 to avoid advancing beyond the desired date.

The Power Reserve Function

The power reserve indicator shows the winding status of the main spring.

- Position ①, the watch is at its maximum winding position and has an operating autonomy of 48 hours if it is not worn.
- When the hand is in position ②, the movement is close to stopping. The watch should therefore be worn or wound up manually to obtain a maximum power reserve.





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Appendix

The A07, is one of the "new" generation of ETA-movements. The minute hand is not included in the normal gear chain. It stands beside it. All the older movements have a real-minute which stands between the barrel and anchor under pressure in the middle of the movement.

The newer ETA movements have a bigger barrel and another wheel calculation to increase the power reserve. Between the minute-hand and the real wheel train are two teeth meshes which have some play (or what we call gear slack). If you calculate the play of the mesh and add the play of the bearing of these wheels you arrive at a fault of 1° to 1.5° for the minute hand. This corresponds to 10 to 15 seconds delay in initially setting the first minute, all subsequent minutes are 60 seconds. However it is not a fault, merely a characteristic of the movement.

There is only one solution for the user that is concerned about this tolerance when setting the time.

Set the hands anti clockwise exact to the corresponding Minute-Index.

You cannot destroy the watch by setting clockwise, but when you have a date you have to set the time clockwise, because otherwise it can harm date-jumping mechanism.

So, the best is to set the hands clockwise but 10 minutes after the real time. And come back anti-clockwise the last ten minutes to the right time... then push in the crown and everything should be ok.

The quick-release butterfly clasp

The strap versions of the C90 Beckett's Power Reserve use quick-release butterfly clasps. If you are unfamiliar with the butterfly clasp system just follow our 8 step guide below.



Step 1 Locate the clasp



Step 2 Click quick-release



Step 3 Pull open clasp



Step 4 Prise cover open



Step 5 Thread strap through



Step 6 Snap back



Step 7 Close clasp



Step 8 Complete



1 ATM (10 Metres)

Safe to wear your watch while washing your hands with tap water.



3 ATM (30 Metres)

Washing your car and or general hosepipe usage.



5 ATM (50 Metres)

Water resistant to most household shower units.

Water resistance

Please note. these are only guidelines but we strongly urge you to adhere to them to retain the integrity of your watch. If you have any queries regarding this please contact us direct.

Please note: To safeguard watch movement please ensure the crown is, at all times, screwed in correctly.



10 ATM (100 Metres)

Safe to use while snorkelling in open water, it is not advisable to dive with your watch.



30 ATM (300 Metres)

Ideal for experienced divers and, in general, anybody practising scuba-diving.



50 ATM (500 Metres)

Professional divers, experienced prolonged exposure underwater.

Keeping in touch with Christopher Ward...

From small beginnings just a few short years ago (our first workshop was actually a refurbished chicken shed!), Christopher Ward has won a worldwide following for his eponymous watch brand and can justifiably claim to manufacture the most affordable luxury watches in the world.

For many, the philosophy behind the brand, trying to put luxury watches within the reach of everyone, is as attractive as the watches themselves as is the very open approach of the business which means that Chris and the team spend a lot of time communicating personally with our customers - many of whom have become friends.

As the owner of a Christopher Ward watch, if ever you need to get hold of us we are at your service. We have listed some useful contact details on the back cover.

There is also always something new going on at our website at **www.christopherward.co.uk** and, if you haven't already discovered the independent forum dedicated to our brand at **www.christopherwardforum.com** we would recommend a visit. Informative and fun, it's a great place to hear the unexpurgated view of Christopher Ward of London!